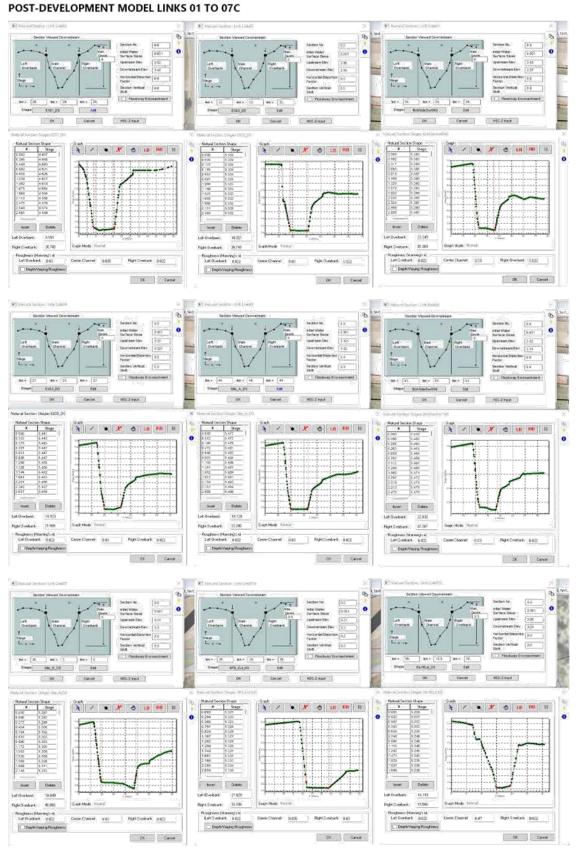
dy solutions 25-0703 FIA-01A JULY 2025 PRE-DEVELOPMENT MODEL LINKS 10 TO 18 Section Vertical (9.0) Vertical 5.0 Section Vertical | 6.0 Plingway Engrangement 1.1 Pleasery Enmachment Final Products Suprachment E464_05 E46 BMCH_CK DOE Cwork | MIGGROUP Q4 OK. Campel OK MC-Trad Ewith HEC-2 Fand Suph * / * * D IB BU II X / • X • 10 10 11 Boughood Manangland
Lef Overland 0.002 Conte Channel 0.03 Fight Directoris 0.022 Carder Channel (C.C.) Or Cweek DK Canon DK Eaxel del Delorico (5.5 Liverace (5.5 Sector Vedes 28 Vertical 6.5 en i (15.) sen i (16.) sen i (16.) Drave Bijffija (15.) sen i (16.) [MC2 mat OK. Exem * / * * 5 UI HD E X / • X 6 to m 11 X / • X 6 10 10 E Front | Enale Invest Dates Snoet Denke Left Dwobank: 9.929 Right Overbenk: 13.734 Let Overlook 13.79 Fight Overlook 17.068 Gospi: Ninde - Hornot Graph Mode Forted Conte Chernel . 0.07 Center Channel (857) Fight Divelbank (8.595) Right Overbank (CC)S Certex Channel 0.02 Right Overbank 0.005 Last daying Fought and OK Caroli Ot. Centrel Ot Carel Serior Vertical [0.5 Findway Engrangment 0 am = 05 box = 05. 84 C 00 No. - (6) HOG-2 Fall 46.6-2 Mari MEG-2 total 04 Ç4 Caniel 04 X / X / 4 11 HI II 1 / • X 6 m m X / • X 5 to 00 E breet leave Right Drivisions Flight Divebank 0.005 Centynglagh DK Carel Ot. Count OK Cord

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dy. SOLUTIONS

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dy solutions 25-0703.FIA-01A JULY 2025 POST-DEVELOPMENT MODEL LINKS 11 TO 18 Becasine 0. 0.6 | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80% | 2.80 Vertical 0.8 0.0 Freein Ennachmet HC2rad HCC-2 rest HELD Feel CH Certifi DH Ceroe DK. X / x / 6 11 110 E * / * X & LB /// 15 X / • X 6 m = 1 Let Ovebark 21.097 Right Ovebark 52703 Left Directoris 5.06 Plage Directoris 10.004 Foughtes (Korwing) (c) Left Orestani (Ld22 Creph (Vir)mg Naughress Center Channel 0.015 Right Overbank 0.022 Center Diamed (0.00 OR. Cancel Cit. Carsol DK Cwork L'Applicat (0.5 etem (c.s. (in X / * X 6 10 10 1 * / * * a us *** ** X / 1 X 0 to 10 11 Treat Date busi Date Ivet Idea Left Civerbank: 25 881 Hight Overbank: 27 496 Singh Mode Printer Deflywing Regreet Center Oberteil 0 005 Cortin Charmel 0.07 Right Overbank 0.002 Country Congress Dn Cwell Or. Count Dis. Concel Vertice E.F. 16.0 MOZNA CK. O4 Cence * / * X 6 co no o X / * X 6 m = = 125,929 29.372 CK Care Dr. Coveri

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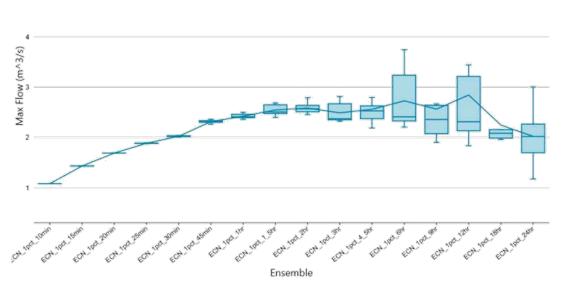


APPENDIX D

LINK 18 BOX & WHISKER PLOTS OF 1% AEP ENSEMBLE STORMS

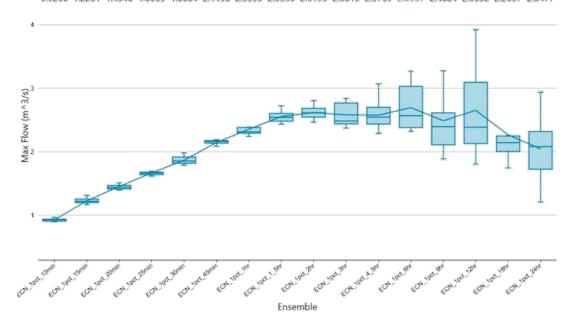
PRE-DEVELOPMENT - LINK 18 Peak Flows

Comparison of Storm Ensembles of different durations for AEP = 1% 1.0827 1.4346 1.6907 1.8858 2.0239 2.3154 2.4235 2.547 2.5849 2.4901 2.5594 2.7288 2.5636 2.8438 2.2465 2.0231



POST-DEVELOPMENT - LINK 18 Peak Flows

Comparison of Storm Ensembles of different durations for AEP = 1% 0.9266 1.2281 1.4546 1.6665 1.8684 2.1458 2.3555 2.5556 2.6195 2.5813 2.5769 2.6957 2.4884 2.6532 2.2657 2.0477



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APPENDIX E

DESIGN SCENARIO XP-SWMM PRE-DEVELOPMENT MODEL RESULTS OUTPUTS FOR ALL AEP EVENTS AND ENSEMBLES

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INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze IOSO

Summary Informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 10 No. of ADP Goods: 7 Object Name: 55 3 Result type: Har

I Ensemble name	Storm S	Steen 2	Stoom S	Storm 6	Storm S	Storm 6	Sterm ?	Storm 8	Storm 9	Storm 10	Average	Std. Bev.	Hedian	!
gen o.sey teste	5,7598	3.7897	3,18%6	3,7893	0.7805	3,7596	3-7855	3.7550	3,7595	3.7555	8,7930	0.0523	3,7395	1
EGN 0.359 1250 EGN 0.257 13636	0.4816	0.5933	8.8295 5.8852	8,8214	9,9970	3.9529	3-3955 3-5552		0.0595 0.9329	4.25.94 3.485.29	0.1170	9.9291 9.0005	8.9507 2.9507	1
BEN GLEET 1852	8-9849	2.8626	6.3260	2.8759	8,8781	2,3020	3,9688	33.10000	8-5250	8:7257	2.5853	0.2598	8,9867	
ECH O.SEY I She	46.2552	0.2652	6.3181	8-2732	9.535.0	0.5602	4-1828	SIFE .	8-18-87	No. OCH	4.1696	0.0314	4.2583	į
ECN 0.227 The	8.3428	9.12%6	8,1267 2,1451	3.5442	6.1978 3.0462	3.5687	8-2340 0-0-607	94.252.0 34.54.60	9.1344	2.9859	9,1808	0.2007	8,4357	
BON 9-027 Note	3,4838	3.5534	3.9663	4.3263	3.867.0	3,9858	2,8820	9.9106	2.6285	31170(66)	3,5757	6-3126	2.8983	i
BON G.SET PERSON	0.99XX	3.050E	8.555A 4.1621	2,7920 4,2000	8,9885	3 - 9923 4 - 3563	图 - 从外还有 图 - 从身间和	8.5501 8.5569	2.5920 2.2643	0.5555	4,1778	0.0015	2.7000 4-1000	
BON 0.258 SWEE	0-0273	9.5278	8,0263	6.0254	4-0288	9-2020	4.9220	4.6297	0-0204	0.0255	4 - 6053	9,9918	4-0500	i
ECN 0.287 354 ECN 0.087 45618	4-3629	0.1549	4-2484	4,2397	4.2299	4.2758	4.0987	4.1543	9-2260	0.2133	9.1867	9-8872	4-1229	!
CON 0.200 4 50c	66568 62565	9,1362	0.0900 0.0011	4, 6932	4.0939	8.9230 8.9330	4.5700	4.1831	4.2599	5.2633	4-2667	9u2022 0u2559	4,0968	i
MON O. HEY WAY	8.3654	9,0279	0.0061	4, 3265	4.5833	0.0000	4-0915	8.4942	2.0757	创业分子提出	5.2358	60, 6487	8.1090	i
ECN_0.282_966	4.2559	919822	4.2268	9.3550	4-5083	4.3162	6-2278	W-100000	6.0533	4.9382	4,1484	0.7021	0.1320	

CRITICAL BURNATION: The critical duration for the 0.257 AEP is the ensemble BCM 0.257 Ehr.

The median pattern for this ensemble is storm 7 (storm name : BCM 0.257 Ehr. 3).

The pattern with the greatest -GGM Hater Elevation for this ensemble is storm 5 (storm name : BCM 0.257 Ehr.).

		EY - Max Wate													
1	Ensemble name	Sterm 1	Storm 2	Store 8	Storm 8	Storm S	Storm 6	Storm 7	Storm 8	Storm 9	Storm 10	Average	Std. Dev.	Hedian	
of an		******			*******		***		********						
- 1	DOM O.SET SURIO	0.7285	0.9255	3,7249	3. TEG9	3-7308	8,9207	2,7265	3,7289	8-7236	2.7237	3-7570	0.0003	2,7275	
- 1	BON G. SEY LEAT	3,9943	9-2308	4.1418	2-8379	8,0750	8-8814	258883	6.2629	2,2212	0.0523	5:8639	9.2360	8,9269	
- i	SCH D.SEV ASSISS	9-8623	5.8858	3.8625	8-6013	3.8933	25-140345	9.8537	21, 5517	9,9918	3,460,5	3.9536	0.0000	3.4017	
ï	BON G. SATT LEGAT	0.6958	5.6368	0.8868	元, 表示之前	3,7636	3,7687	278382	3,75.25	5.7887	3.6000	2.3232	0.1216	5. 从460次	
ï	ECN 0.50Y 3 55H	4,0355	0.9478	2.0000	2.0000	8.0932	8.8950	4-0463	8,9529	V-0450	8.0984	4.0500	10.0157	0.0002	
ĩ	ECN O.SET The	8,8279	0,2005	8,0182	8-117-93	8-8252	8,0369	6-09390	8., 90/2/6	0.0099	8,8769	6.6228	0,8845	4.0336	
î	FOR O. SEV POSEN	31,6863	0.6558	8,8553	3.8568	26,6556	2,8553	2.8568	31,8860	2,9529	2,0538	8-9559	0.68865	8.8363	
ï	EGN 0.027 VARD	3,6958	3.7430	2.8238	3,5590	3,7786	3,7694	2,7667	2,9950	8,7950	2.68.60	3,7902	64, 35520	7.7500	
	gen O.Ser Whele	8,0568	0.0960	3,8555	5,8958	9.8999	9,9926	2,8529	2,0565	1-9902	2.6550	5,9950	0.9614	2.0987	
	ECN 0.505 25c	0.40233	9.7299	9,8911	9.5559	6,0991	8-5399	4.6643	4.9655	4-8779	0.6599	4,6589	0.0220	0-0689	
	BON 0.5ET 3GESA	3.9388	5.9272	3.9245	3,9263	9,9281	3,1899	2-9263	3,8254	2-3883	8.5258	3.0269	0.6836	8.0000	
	TEN D. SEY SEX	4-6815	4-8243	8,3897	8-9367	4,9891	4.0165	8,0174	0.0057	9-0537	4.5452	4.9502	6,2317	2.6530	
	ECH O. SEV Challe	34.16577	0.0810	3,9959	3.2902	3/4/58/1638	3.7864	3,9891	21, 1969/6	3,9999	2. 50.67	3.9870	19-5024	2.9840	
	MICH OLSEN G DOES	8.2308	8:1033	3,9733	3.2535	0.0010	4,0000	8.0420	G-93 12	0.0513	0.5000a	4.0322	10.0000	6-0558	
	ECN_0.522_661	8-52-67	0.0000	3-9696	3. 3332	3,3571	3.3894	3,5592	9. (2) 33	3.3557	6.6363	3.9830	0.0415	3,2715	
	DOM G. SETT SELV	8.9752	8.6560	4-2573	4.0999	2.3951	8.6552	274968	3.0000	2,5526	3,9259	3.9553	8,0657	8,0000	

| CRITICAL DUNATION | The critical duration for the G.SET ARE is the ensemble EUN G.SET PAT.
| The median pattern for this ensemble is storm ? (storm name : ECN G.SET PAT.].
| The pattern with the greatest GRAN Mater Elevations for this ensemble is storm S (storm rame : ECN G.SES PAT.).

AEF: 18 - Max Water Elevation (m)

(F)300		THE PARTY NAMED IN		SCHOOL SECTION S.	CONTRACTOR STATE	*****	OR DESCRIPTION OF THE PARTY OF	STREET, STREET	District Projects	THE RESERVE AND ADDRESS OF THE PARTY OF THE		CARLES CONTRACTOR	SECRETARIA DE CONTRA	eine Tierrinani	endelminimum en en en en la recitar en en en en	milk.
- 8	Ensemble name	Storm 1	Storm 2	Storm S	Storm 0	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 50	Average	Std. Dev.	Nedlan		- 1
800		TERRETARINA TERR	STATE PROPERTY.	PEDROGRAPHERS	THE RESERVE AND A STREET	CONTRACTOR PROPERTY			OF STREET, STR	STREET, PROPERTY	REFERENCES	CARROLANA AND A	0283532222000	REPREDICT TO THE		100
	ECM ipct losin	46-06163	3-5185	0.0181	8. 9466	4-0389	8 - 00 05	4:0593	Ø149580E	4.0252	6.0163	0:0100	(C. 450 (Ch	6-0750		- 1
- 1	60% lpcs 12hr	8,5052	4.5229	8,5007	4.6599	6.7000	4.5328	4.4453	例。現代語者	9.5903	4.7423	9.5667	0.2390	4.5298		- 1
18	ECN Ipct 15min	0.3459	0.5239	8.1483	8,3643	8-2857	9-3450	8,1449	42,2459	8-1646	0.2425	4-1403	S-2017	9-5449		U
10	EGN_lpct_18hr	8-3883	8.3833	8.3523	8-8720	8,7098	8.5989	6-41.10	经上海交易的	8-6507	8,4350	4-4748	8.3337	4-8629		E
11	BUN Ipot 1 the	8-3528	4.5932	0.5654	0.53555	3.9657	3,5350	0.5590	4,5602	9-2752	0.5691	4,5662	0.0006	9.5600		1
	ECN_ipct_lbr	8.5926	5.5000	8.5057	4.4299	8.555.9	6:2308	0.4956	6.4566	2-4892	0.4892	4-503%	9,0070	0.0240		- 1
	ECM Sport 28min	8,2234	8,2339	4,0029	4.2293	4.2399	41.253.2	4.22200	ALCOHOL:	8-3363	Walker 22	4-2200	0.0000	9.2589		- 1
	SCN_Spot_24br	8-4650	8,3690	4.5276	8-8363	6.4934	9.9324	8-3695	6,9259	2.0982	5,5523	4.9878	印。克尔利尔	2-9755		- 1
	ECM ipct 25min	9.2982	4.2693	6.2092	4,2250	4.2972	8.2936	4.3822	6,2566	9-2962	6.0263	4-2957	0m6615	4.2950		- 8
	ECN Spot 2hr	8.2593	4.5749	8.8789	8.2768	4-6736	8-5753	6.5736	8.5690	8.6659	明日在安徽等	4.5857	6.5169	4.5363		- 1
N.	ECN 1pct 30min	46.3353	4.3583	4.3887	9.3828	4.0351.0	0.2335	05029	62-58453	9-5864	例。 美國 医液	4-9835	0.2022	8,5829		E
10	DON LOCK The	N - 623.7	4.5138	4.8335	8-5075	6:5322	4.5488	8.0533	8-3556	9.5639	A COLUMN	4.5512	0.8428	9-3873		1
10	ECN_lpot_dSmin	8-4092	2.8842	60年度夏季	사 사람들이 아니다.	6-2979	0.0493	4 243345	8,4430	8-8833	8-5428	6-8439	0-1586	4.6498		. 8
	EUN_iput_4_She	8,4827	4.5993	4,5586	8-5799	5.5325	8.3882	4-9749	사 생물들이	0.0945	8-7254	4.5733	9.9635	8-5652		- 8
	EEN tpot 66r	6,7555	4,5040	4.5450	4.8750	6-5227	0.5530	0.7500	OK 3574	0.5562	6,5764	4-5007	0.1104	8 - 5625		- 1
	ECN Ipcs Shr	4.5495	4.5385	4.4830	观。 电电影线	4.8033	4.1939	4-7789	49,3535	9-3743	6.5858	4.3436	69.2925	4.5FE2		- 1

CANTICAL DURATION: The critical duration for the 10 AEF is the example ECN 1ptc 4 5hr.

The modian pattern for this ensemble is storm 5 [chorm name : ECN 1pts 4 5hr 21.

The pattern with the greatest *MAX Hater Elevation

	ARPI 25%	- MAK WACCE	Elevation (H)												
- 0	ALEXANDERS STATISTICS OF STREET			SERVICE SERVIC				OTTO STATE OF STATE			STREET, STREET	CASSESSED 2 8 8 3		STREET, STREET		
- 1	Encemble same	Storm D	S. record	Storm 3	Storm &	Storm S	Storm 6	SCORM 7	Storm S	Store 9	Storm to	Average	Std. Day.	Median		1
(9	et description description and description of	cycles and a second second	NO ACCUSATION OF THE REAL PROPERTY.	manufacture and a lease of	embanemichten	and the second s	AND OUTSTANDARD COMPA	SOLETH HOSE HORSE	enforcemental encodes	-crossolateral block	scattered to the contract of	NAME OF TAXABLE PARTY.	CONTRACTOR AND AND ADDRESS OF	and the second second	market and the second section of the second section of the second section sect	Contractors.
- 1	CCN 10pct 10min	3-6193	3,9392	3.6359	3.9399	9,9930	3,6104	2,8418	3.6223	2,4342	0.00000	2.9399	0.000	8-9320		1
- 1	ECN 10pcs 12hr	8,2576	9:0102	4.3558	8.3375	0.1238	8-9438	0.2390	8.23339	9-2558	dia finite is	6.1700	0. 1957	8.5326		1
- 1	ESS 10pct 15min	2.9417	0.8316	5-9418	3,9406	3,9429	2,9609	3,5993	3,9435	3.465377	3, 121 2.0	2、存在27	P. 18883	7-9400		1
- 1	ECM 10pct 18hr	49-6272	5 -5763	0.2795	8,9920	3-1986	9-3359	4.0503	0.0003	4.6350	· 日本になる日本	2-0900	0,0544	8-8968		1
- 1	BCN_TOpot_I_Shr	0.2784	4.0392	8,0839	4,4387	6.2451	Se 25765	0.2551	0.2063	4 - 27600	5-2530	4.2199	0.0186	4-2000		1
- 1	ECN_10pct_The	0.0253	4,2155	0.2559	0.2593	0,2104	0.2006	4.2266	4,2341	2.2392	0.5249	4-2280	9.0092	4.2319		1
- 1	ECM Sepot. 20min	8.0101	4-0127	4-5127	4.9350	4.0233	4.0327	4.0128	4,9483	0-0138	80.000	4-9229	9,4599	4.0127		
- 1	Eth 10pct 24hr	\$-83Yd	7.7527	0.1128	3.9880	4-0239	2,3476	4-2299	3,0000	2-9309		4.0520	66-2559	4-0107		
- 1	ECN 10pct 25min	A-6601	0.0930	4.4662	9.0600	8-2535	41-5688	4.00038	40 4 50 50	8-9622	@_@55 <u>6</u> 6	6,0626	6.0006	8-9627		1
- 1	EUN 10pcs 2hr	0.2562	4.0529	4.0000	8-2300	0.2980	4-2695	6.8863	8-2576	8.2528	60-27-40	4-2759	0.5753	0.5650		1
- 1	ECN 10pct 30min	0.9990	4.1660	8-8588	9.0539	6-2093	0.0382	675036	6.46664	4-1828	S-2528	9:5000	0.6523	8-1600		1
- 1	EGN 10pct The	3,2835	4.2487	8-2429	6.2939	8,2350	6,3060	4,2265	9-2070	4,3192	9.2462	9.2956	0.8839	4-2952		1
- 1	ECN 10pct 45min	6-2727	41,3750	6-25.63	4.3354	4-1365	46-33448	4.6733	40.3736	4-1797	Was Street	4-6753	8,0028	4.1755		
- 1	EGN 10pot 4 Shr	8-5238	4,3852	4 - 49 28	4,2620	0,2003	4:3536	4-2498	4-2007	4,2918	8-3472	4,2657	64, 94937	4-3656		
- 1	ECN 10pcs 6hr	0.0049	4.2997	0.2212	9.5764	多。克利洛拉	4.36	4.2075	4,3910	0.5000	W-14 18 0	0 - 2.99%	2.4499	0.2349		
- 1	ECN 10pcs, 56r	4,2820	4.1790	4,2959	4.2466	0-2579	6-0459	4-2702	4,2000	8-2605	40.000	4,2550	0.0220	4-1590		1

| CRITICAL REMATION: The critical docation for the 200 AEP is the ensemble ECR_1Opct_ihr.
| The sedian pattern for this ensemble is storm & taken mass: ECR_1Opct_ibr_%|.
| The pattern with the greatest - CAR_NAME = EST_1Opct_ibr_NAME = EST_

ARF: 50 - Max Nates Elevation (n)

	THE RESERVE OF THE PARTY OF THE	THE RESERVE OF THE PARTY.	***											
Ensemble name	Storm I	Sterm 2	Storm 3	SC688. 5	Storm D	Storm 6	Steen 7	SCORW E	Steem 5	Storm 10	Average	Std. Dev.	Median	1
	NAME OF TAXABLE PARTY.				**********									·
ECN 2prk_10min	24, 95169	3.3655	3.9953	5,8655	35,6565.00	3,9169	01-2639	2,9555	2000年6月		5-8655	6.5000	2,5610	1
ECN 2pct 12hr	8,3975	4.4870	8,2786	8.3588	6,7857	8-3182	9.2600	44.000	8-8239	8-6428	8:5793	图与范围电路	8-8972	j j
ECN_2pct_itein	8-5853	0.0088	作品を発生す	4.2005	8.0983	9.9890	4.5868	0×9585	4-8633	0.00068	4.0979	0.8312	9-2633	1
ECN 2pct 18hr	8,2812	9,8556	2,2878	4.3549	8,6360	8.3897	4.2028	4.5540	4.3496	0.3322	4 - 36623	0.1220	4 - 304.6	1
ECN 2pct 1 5hr	9-8518	4.4997	0.4751	4,4387	6.4788	0.245F	4.4678	4,6639	V-4933	但, 在是否不	4 - 975-9	0.2553	9 - 577-25	
ECN 2pct Thr	是一支工程等	4-0236	4,4235	0.0254	0.6370	41-3252	0.4023	9-4792	8-6253	印。在2.58	4-4872	00,20,64	40-412500	i i
ECM_2pcs_20min	6.3454	9-1000	4.2592	세. 경유무원	843673	8 28 20	4.3973	42,24000	6-1578	0-2550	8-1677	10 a 10 0 0 0 0	4.4617	ı
ECN 2pcs 24br	Se 24 8 5	9.2599	4-9923	4.1952	8.38900	8.5599	4-2020	8-1497	8-1137	4-2529	4-2523	10 e 1 7 2 3	$\theta = 223.0$	j.
ECN_2pct_25min	0.2272	5-22-26	4-2558	6,2276	6-2283	4-2376	4-76-76	0.0288	5,2283	例中国政治的	4 12 75	0.1003	0.2270	1
EGN 2pct 2hr	4,5643	2.9799	8.6888	0.4799	6.9826	0.0093	6.4890	4-4957	8.5093	9-5888	4.4722	0.50.67	4.8507	1
ECM 2pct 30min	66.2653	4.5762	4.2549	4,3736	8-2706	4.2574	6-2732	4-27-48	4-2792	49.97000	4-0795	G. 0248	4.2727	1
ESN 2pgt Ohr	6.380)	9.4252	0.5423	9.4888	6.4850	4.8887	4,4955	A. 559E	4.2551	40.5940	4-4729	\$1.644S	9,0523	1
ECK_2pct_45sin	4,9710	8,2662	8.5687	8.3308	8.0096	6.0927	4.2567	40,0000	4.3655	0.9642	5.3655	0.0341	4,5939	i
ECN_2pct_4_5hr	9.3369	0.0932	9,4510	9. 3300	0.43.55	9-9572	· 中国了中国	4.5040	8-9970	4,6193	8-9867	0.0635	4-9999	1
ECN 2pct the	40-6352	6.9573	4,4570	0.3023	8,43.65	6,0536	4-8563	8-8583	中一有整的的	0.4533	9 - 500 0	89-1119	製工を利用を	1
ECN 2pet She	6.4736	4.3134	4,3077	4,2533	0.6257	9-8128	4.5720	0.2822	6.2528	4.4239	0.8828	0.1389	0.6357	j.
A CHARLES AND ADDRESS OF A STATE OF THE PARTY OF	*****	STREET, STREET		CONTRACTOR DESCRIPTION AND ADDRESS.	Contract to the Contract of th	CONTRACTOR AND AND ADDRESS OF THE PARTY OF T		CHARLES AND A STATE OF THE STAT	STREET, STREET			************		

: CRITICAL DURATION: The critical duration for the GS AEF is the ensemble ECS 2pot_2hr.

I The median pattern for this ensemble is storm 3 (storm name : ECN 2pot_2hr_3).

I The pattern with the greatest **GALK Mater Elevation** for this ensemble is storm ES* (storm name : ECN_2pot_2hr_10).

ABF: 50 - Max Mater Elevation (s)

Termenda etc more estre come					54V+134V+1+3				alessis established			************	W1+0V+5+11+0+4	Service and a se
Ensemble name	Storm 1	Stem S	Storm 3	Storm 6	Steen 5	Steen 6	Stem 7	Storm S	Steim S	Storm 28	Average	Std. Cov.	Neddan	
# ECN_Spot_10min	2,0999	0.9954	3,8986	9,8195	8,6952	0.8601	3,8967	2,8933	8,8982	2,5174	3,8950	6.9368	8.0950	
ECN Spot 12hr	6.2333	8-8585	8,21,85	4,2552	8,2488	0.2498	S.MERT	0.3266	4-3338	80.0000	4.2926	69° 80 89	4,2685	j
BCN_Spct_ISwin BCN_Spct_ISwr	0.0865 4.2046	9.2580 9.2586	4.5688	4.0036	9.0079	8.9976	4.2078	4.6924	4.0050	4.5277	4.2077	0,0005	0.0078 6.1575	
BON Spot 1 She	4,37841	8.3090	4.3998	4,3299	4.2309 3.3378	8,3634	9.3465	0.3274	4.3674	SHANGEN S	8 25 36	60 6 3 5 0 6 C	4.7056	
ECN Spot like	84.2650	9-27/99	4-9055	4,2000	6,3037	8+3092	6.33356	6-10-19	4.3008	8-2751	9-3067	We0108	4.0542	i
EUN Spot 20min	8.6304	3.7853	4.3932	4,6977 2,9258	8.0800	4.0433	6.0703	4.0630 4.0650	8.0880	Ole College V	6.0900	0.107.5	8.9829 8.1846	
# ECN Spct 24hr # ECN Spct 25min	5.3360	4.1.372	4.3326	4,1358	9-1530	4.3363	4.1358	4.3343	8-1395	4.2333 4.233	4.1005	6,000	0.1342	
ECN Spct 2hr	6.0336	4-4500	6.03705	4.3233	6,9846	4,9550	4,0591	01 × 336.050	4-3798	0.0550	3,3057	0.63.60	4.27349	i i
EUN Spot Stelle EUN Spot Shr	6,5400	6,5819	0.0741	4, 1750 4, 1003	9-28-55	6.3770	4.4229	4.4764 4.6766	4-4555 4-4555	4.37777 4.4476	4 - 2765 4 - 3002	64,600,6	2.1199 2.1005	
ECN SECS. (Sedin	4.2598	0-5580	4,2660	4.2622	4-2602	0.59539	4.8598	4.2056	4.2923	814120166	6.3574	0.0029	0.2599	i
ECK Spet 4 She	An.3808	4.2011	\$ - 205R	4.3936	4,3664	4.47.04	4.3598	4.3388	4.3959	And 6.30	4.3(16.0)	0.5673	4.5760	j
ECN Spot Shr	6.4958 6.4650	9.3075	4,3580	4-3709 4-2503	8-8885 8-3829	4.2704	6,2323	4-4499	4.3863	4.3540	8.5550 8.9850	0.0770	8.3982 8.3982	
														a Service a service consequence of the service and the service of

| CHITICAL BOOATION: The critical duration for the SC AEP is the ensemble BON Spot Thr. |
The median pattern for this ensemble is storm B (storm hame: ESM Spot Mrs.) |
The pattern with the greatest CHAN Hater Elevation for this ensemble Is storm ham are 1 SCH Spot Mrs. 10).

AEP: 63.2% - Max Water Elevation (n)

9	Service	MADEL AND A STREET													 Ď.
9	Ensemble name	Storm 1	STORM E	Storm S	Storm S	Stome 9	Storm 6	Stem ?	Store 8	Storm 5	Storm it	Average	Std. Dev.	Nedlan	į.
	Commission and a second second second second		SERVICE SERVIC				equilation entre and a second	****				COLUMN TO SERVICE DE LA COLUMN	mir u ma veleti ir mit ir si		ġ
	ECN 63pct 10min	3,6643	5-8666	0.6646	3,5541	8.8894	3.6543	3-4647	2.6542	8-6688	3,0643	3-8660	9,5002	2.6640	i.
	RON 63pcs 12bc	2,4486	8 - 8964	4-2048	3:1256	3.7574	2-3440	30.7651	25-23-23	2-82-62	31 - 125 7 - 5	2.45590	原。但是另外	8.69229	i.
9	ECN CORE ISSUE	30 TEXAS	8.7352	がみがはは何	20.2320	2.7309	2.3385	8,9808	31. 73.57	3,7290	35-73-56	3 - 7292	09,00019	2-7200	i.
	ECM Sipos 18hr	9,7327	3.7409	4.0330	2.7535	5,6855	21,70035	2.1277	2.00000	2.7020	32,462,553	3.7623	61-31.56	2.7220	i.
	# ECN 63pct I 5hr	0.9362	3.6483	2.0100	2,9470	8,5533	2.9354	20.0453	31.0350	3.8580	3,5647	2.8428	9.0183	3.9666	i.
	EGN_63pct_3hr	2,9234	3.8242	3-9152	2,9530	85,9001.0	3.9282	2,0197	2.9074	2.5250	2,922.1	3.6931	0.0000	3,9225	į.
9	ECM 63pet 20min	37,7765	3.7754	3.7750	3.7323	3,7753	3,7759	3,4722	2,7752	5.4335	3.7755	2.7730	0.5616	3,778.09	i.
3	EGN 63por 24br	3,6345	3.5061	3.7271	3. 2733	2.6523	3 : 6596	2-4251	767734	8,7900	2,5828	3.5917		3 . SEC. 1	i.
9	ECN_63pot_25min	2016806	3-8208	8,8198	3,9964	8.9894	3,2500	8.5578	25.9999	5,2379	3,000	8-9982	0.0025	3.5190	į.
	ECN_63pct_2ht	0.5235	5:9375	3-2817	20 0000	2.0978	8:0000	2,5533	39-22-43	3,8638	2,0472	5-5623	0.0122	8 8800	ı.
8	# NGN 63pc% Stmin	3.8321	0.8366	5.6665	3,9350	3-6306	3,9535	9,2355	3.5346	8 - 8503	8.48553	5.9950	0.2018	2:8350	ė.
3	# SON 63got 3he	9.9855	8.0280	849681	No. 9366	5-6736	3.9447	5,5205	3,9294	3.9792	3,965	3,9491	0.0269	3.5422	á.
8	ECS 63pet 45min	3,000	S-8846	3,6852	5.5953	27-29537	2.4599	3/9632	9-2008	3,8979	3,6600	519879	69-8626	9:0885	ı.
	# EGN Suppl 4 Shr	6,6083	3.5990	5-8403	3,8757	37.394.03	2.8957	0.0022	32.2077	5.9398	37.35350	1-9202	0.7290	2.92.50	ė.
	# EGN_63pGt_6hr	0.9854	8.0183	8.8886	3.8955	3.02233	2,9564	3.0565	2,8052	2:8576	2-9880	3.3785	0.6863	8.8590	ă.
	EEN 63pot 5he	3,5576	0.8295	3,9469	0.5059	9,8623	3,9494	2,3755	31,3355	NAMESAN	2,6365	3,8575	0.0582	8.8796	į.

| CRITICAL DUMATION : The critical duration for the 69.25 AEP is the ensemble DEM_63pet_Zhr.
| The median pattern for this ensemble is storm ? (storm name : ECM_63pet_Zhr_7).
| The pattern with the questest CMAX Nater Elevation's for this ensemble is storm ? (storm name : ECM_63pet_Zhr_5).

Page 461 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze IOSO

Summary Informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 10 No. of ADP Goods: 7 Object Name: 8X02 Result type: Hax

# Ensemble name	Storm S	Steen 2	Stoom S	Storm 6	Storm S	Storm 6	Sterm ?	Stom 8	Storm 9	Storm 10	Average	Std. Bev.	Hedian	
ESN 0.527 15660	5,7864	3.7868	3,7857	8.7570	3,7858	2°3365	3,4867	3.7063	8,7908	3,7886	3,7860	8.6893	3,7867	I
BEN 0.257 1257 BCN 0.257 13636	0.0229	9.1892 3.6765	8.0916	4,0503 8,6569	8,9667	3.9459	3,2940	8.2016 2.0760	8.2780	4.0567 2.0366	0_09000 3_8769	9-22-67 6-809B	8.8960	1
BCW 0.010 1950	8.6296	2.0591	4.5419	2.8650	8,4926	2,0254	3.9596		2.5089	2,7924	2.5576	De 1415	Ry 9200	
ECH O.SEV 3 556	AL \$300	0.1490	0.0999	8.7488	9.1555	al., 0.953	d-1384	0.2550	5-1025	40.3520	4.1422	0.0199	4-2424	į
ECR 0.727 25s3o	8.25708 5.9571	9.3000	0.1055	3.1010	0.0267	8.5238 3.9563	8.2148 S.8589	9. 20.00 9. 13.00	9.13.48 5.2540	2,5360	3-0479	0.5053	3,4849	1
BON 9-027 3607	3,6994	5.8592	3.5557	0.9849	2,4998	3,8858	2,8798	29,96000	8,633.2	3.7378	8,669.0	6-2060	2. 1997	i
ECH O.SET DENIS	6.0332	3,0023	8.559A 4.558A	2.7909 4.1631	8,9796	2.9802 A.0389	2:MF20 4:A161	8.2571	2.767	0.5073	3.0925	0.0019	2,9839	
BON 0.257 DREES	6.0369	4.4130	8,00.42	6.0530	8,9589	0-0157	4.0139	4.0073	8-9562	0.0148	4.0558	0.0015	41-23/50	i
ECH 0.2EY 354 ECH 0.3EY 45E4s	0.25A1 6.0889	4,1295	4.0788	A. 2365 A. 2355	4.5978	A-5582 A-5769	4.4799	0.0000	4.0950	4,5862	4.5590	9-8588	4-5366	
ECH 0.202 & 5he	4-2426	9:1150	4.0023	4.0266	4-1898	0.2227	4.2497	4.3574	4-1915	6-2765	4.1650	0-0460	8-1590	i
ECN O. SEY She	8.1356	9.9163	8-1035	4.1650	4,3899	0.0722	4-0761	8-2658	0.6626	01_20005	5.5950	6.0753	8,8895	
ECN 0.227 56c	4.2043	9-528%	4-3043	9,0210	47.175.5	0.1993	8.0066	W-4685	0.0723	시, 항공성원	4,1100			1

CRITICAL BURNATION: The critical duration for the 0.227 AEP is the ensemble RCM 0.229 Ehr.

The median pattern for this ensemble is storm 7 (storm name : RCM 0.229 Rbz. 0.

The pattern with the greatest communication for this ensemble 12 storm 5 (storm name : RCM 0.227 Rbz. 3).

AEP: 0.5EY - Max Water Elevation (n)

1	Ensemble name	Sterm 1	Storm 2	Storm 8	Storm 5	Storm S	Storm 6	Storm 7	Storm S	Storm P	Storm 10	Average	Std. Sev.	Hedian	ı
O marie		encicle krapie		OUT THE THE PARTY	*********				*******						
1	ECM 0.9EY 19sin	0.9222	0.7029	3,7225	3,7228	30722	3,9222	9,7225	2,3323	5-7220	3.7230	3-7220	0.0003	2,7520	i
	SCM G. SEY LINE	2.6263	0.02340	4.3389	2-9299	8.0896	8.0274	218883	0.9981	2,9169	0.5425		9.3002	8-4390	i i
N.	SCN 0.55% ASSAGE	5-7990	5 - 7976	3,7889	3.7550	25.7388	3.7788	2.7595	32,7586	8,7589	36, 73,003	3.7990	0-5084	3.7566	1
н	ECM G.SET ISSU	3-9986	3.9260	8-2550	8,8378	3,7616	3,7920	2,8222	3.7230	2,7899	3,468.99	2-3274	例。文学经验	3.9045	
1	ECH OLSEY S She	6-6259	0.0325	3.2549	2,6885	8,0488	8-8000	8-103338	8-8272	0.0535	8.2619	4-9359	10,0178	0.0000	j
R	BON G.SET Thy	8.9248	8-9630	8,8093	6.0202	8.159.20	8,4977	6.0303	8,9655	8-0983	0.46248	0.0007	(0, 800 StV	6.6100	
	ADCH D. SEV DOSEN	34_6835 €	3.5542	2.0322	3,8520	20-8823	2,9548	2.8623	31.9538	2.8493	25.000000000000000000000000000000000000	3 - 35 13	0.42045	3.8337	
В	ECN 0.027 1450	3.4859	3.7439	2,2255	2, 2529	3,9913	3,7554	21,7585	2,4119	安となる日料	23 - 62 35	3.77.63	0.3893	7.7653	
	BON O.SET TERRO	8,0966	8.8999	3.8550	3,9950	9.8883	3.9840	2.8977	3-5650	2-6575	3,6573	2.3569	0.9019	2,0099	j
	ECN O. SEY SEC	9,6985	9.8149	9,0558	4.5457	8.070P	8-5973	4.G991	8,9174	0.0014	(B) 内侧电流已	6.5653	0.0217	4-6650	
8	BON 0.5ET BOXSE	3.3428	3.9292	8,9899	3.9192	9-9511	3-9250	2-8193	2.9185	3-8949	26,5000	3.3200	0.0809	9.8259	1
N	EDN 0-557 Shir	8-8582	4-5160	8.4875	8-9259	9.0450	4-9285	8,6635	(F-632A)	0.0736	9.2680	5.06(10)	8-18901	2.6560	ı
li .	MODEL OF PERSONS ASSESSED.	35.52.22	26.58(7.57)	8-6728	3.9903	3.8763	32,8786	25,8785	3-8772	5-9790	21 - 5 - 1 - S	3.6778	18-9033	2.8770	1
10	MICH OLDER & Descri	8:2099	2.0907	3,9639	3.3620	9-7802	3.3883	8.0293	66.9615	9.6375	46-62-22	8-0165	10.2426	6.0766	1
	BON O.DET BEE	8-4423	0.0000	0,0798	3.7623	0.8478	3.7432	3-5593	60 a 50 45 a 20	9.5660	0.4220	3-9728	(P. 5354	3.3859	1
	ECH G. SEY SEV	8.9550	8.5006	4-232	4.0300	8.3788	8-9845	20.000	3-03-08	2.8439	3,9185	3.9830	图。 电音机器	8.8356	1

| CRITICAL DURATION : The critical duration for the U.SES ARE in the ensemble REN 0.5ET REF.
| The median pastern for this ensemble is storm ? (storm name : REN 0.5ST REF ?).
| The pastern which the greatest **GSAR* Mater Elevations for this ensemble is storm 3 (storm name : REN 0.5ST REF 5).

AEF: 19 - Max Water Elevation (m)

	\$100 F (C.)	Charles and Colors	DESCRIPTION SO	2												
(8)		TAXABARA PARA	STREET, STREET	SCHOOL SHOW	oracini di di di di di di di	CHARLEST AND ADDRESS.	STREET, STREET	*****	CONTRACTOR STREET				SECRETARIA DE CONTRACTOR	editor/editors/entereditors/	Deletining to the contract of	manager 5
- 8	Ensemble name	Storm 1	Storm 2	Storm S	Storm 4	Storm S	Storm 6	Storm ?	Storm 8	Storm S	Storm 10	Average	Std. Dev.	Nedlan		- 1
20		CERTIFICATION CONTRACTOR	OTHER PROPERTY.	PERMANANTANA	REPRESENTATION OF THE PROPERTY	REPORTED TO SERVICE A	ARREST PROPERTY.				ROMESTAGORA	MARKANANA AND AND AND AND AND AND AND AND AN	CARACTARASANA	APPRELICATION OF STREET		marana (
- 1	DON lock loain	AL-REAL	9-0068	0.0023	60063	6 - 0.0861	8.0066	4 : 60 60	61499968	4.0033	0.4603.3	0 = 00000	DZ 650 ATM	G . 105 (S)		1
- ii	CON 1908 12hr	4,4285	4,2550	4.5354	4.3955	6-8706	9.2592	8.588A	61,9638	8-8909	4.5988	9-4760	0.2388	4.45.35		i
- ii	SCN Ipcs 15min	0.3532	9-1242	0.3020	8.3330	0.1233	9-1229	8.1222	0.0000	6-1738	0,9232	4-1222	84.0008	4:1226		i i
ű	EGN lpct libr	6-3643	8.2651	8-3949	4.8793	4-5789	8.5700	0.9559	0.0000	9, 3850	8-2992	4.6539	29.59909	4-1983		i
ï	ECM Ipot I the	8-3658	4.4091	0.4250	0.8659	3.4760	3,4992	0.470.2	0.4656	9-1929	8.4990	6-6766	0.0440	0.4079		î
ı	EGN 1pct lbe	8.4286	9 - 9397	4.4307	4,4829	4.4248	0.0000	6 - 63 3/9	4.4222	8-9229	6-4815	4:4287	9,5552	0-6233		í
- i	ECN lect 20min	8,7568	4.2998	4,5990	4, 3500	4.3979	0.5557	4.8879	4,3956	8.1589	0.3995	4-1977	0.0007	0.2500		i
- i	BON THOS 24br	8,4623	4,2385	4,4589	8.33955	6.4269	4.5999	4.3627	0.5237	4.4355	0.2364	4.9338	0.1573	4.2665		i i
- i	ECN Igot 25min	6,2539	4,2558	4.2534	4,2539	4-2558	8-3529	4.3594	4,2545	5-2593	8.0043	4-2530	0.0711	4-2549		i
- i	ECN April 2he	8-1985	9,4953	8-4905	4.0000	3,400.6	A-9880	6 admin	9.5846	8.5027	44.53.80	4.8930	60 . (50, 0.5)	4,9895		i
ij.	ECN 1pct 30min	40.2889	0.2965	中一点有效点	8.2741	4.2828	0.2833	6-2962	4.5957	9-5050	0.49945	8-2937	0.0028	4.2562		i
- 8	ECN lock lbr	のっちを下が	0.6306	4 - 2010	8.6672	6:4570	0.4955.0	6.407.55	创业多更现代	0.6675	4.5998	6,4623	O. 0353	41 40.00001		1
- 11	BON_1pot_45min	8-3816	8.9775	8,3782	6.2550	6.3604	0.9778	4,3702	42.307.64	8-2528	0.2002	4.2770	0,6053	4.3729		
- 1	ECN ipot & She	8,533.0	4.5927	8,6731	4-9-40	6.0408	8,8525	4.4852	4.5511	8-8333	8.5799	0.053.0	9.6429	8-1550		1
- 1	ECN tpot one	8,4195	0.0000	表。建有基础	4,8277	6.4553	0.8866	8,8533	9-5998	6-9919	8,5957	6,5999	0.8725	9.9998		1
- 1	ECN iper 9hr	8.5800	2.8660	4,3616	4.3850	9.6546	4. 3533	用 1873年前	4,3175	8-39-49	8,4619	4.45%0	0.0322	4.4029		- 1
(8)	DESCRIPTION OF STREET OF STREET	NAME AND ADDRESS OF THE OWNER.	NAME AND ADDRESS OF THE OWNER, WHEN	PERMANENTAL	PERSONAL PROPERTY.	THE RESIDENCE OF THE PARTY.	WEARING PROPERTY.	CONTRACTOR OF STREET	THE RESIDENCE OF THE PARTY OF T	OR RESIDENCE PROPERTY.	dance when the	NAME AND ADDRESS OF THE OWNER, OF THE OWNER, OF THE OWNER,	THE RESERVE AND ADDRESS OF THE	AND THE REAL PROPERTY.	CHARLES AND ADDRESS OF THE PARTY OF THE PART	manage of

AEP: 30% - Max Water Elevation (m)

CARREST CONTRACTOR OF STREET							CENTRAL PROPERTY AND A PROPERTY AND	20017					STREET, STREET,	TENNESS CONTRACTOR DESCRIPTION OF THE PARTY
Enomphie summ	Storm S	S weath	Store 3	Storm 6	Storm S	Storm 6	Score 7	Storm 2	Store 9	Storm 59	Average	Std. Dev.	Median	1
 Parameteristischer regeneration in 	entransación amona etc.	VICTORIUS DE SENSO ATRIALISMO	monancost discussion	ensione ensistencia	ACCOUNT OF THE PARTY OF THE PAR	arterioristennica anno	NAMES AND ADDRESS OF THE PARTY	articeastropoleopoles	errora altera bacar	cucumos ataxonbracks	CONTRACTOR OF THE PARTY OF THE	CONTRACTOR SOCIAL	THE RESERVE OF THE PARTY OF THE	Уизтанальнай канализментов в при в п
# 60% 10pct_10min	3.4300	3,9359	3.8338	3.9369	2-8363	3,0366	2,8389	3.6263	2,8353	0.0007	2,9350	0.0000	8-9357	1
ECN 10pcs 12hr	8.3586	4-0885	4.8883	8-1965	0.2230	8-3566	0.2533	42.36.63	8-8350	6.2930	6-5522	O. 13(36)	8.1385	· ·
ESSE 10pct 15min	3,9040	0.5386	3.6372	3,1150	3-9352	2,3000	20,0005	3,7657	3-8359	2.9350	3,8360		9-9259	1
ECM_10pct_18hr	40.0346	9.0557	8,2810	8,0520	3,3529	0-0060	2.9989	3-3554	0.0295	College	2-0720	他也是我也必	0.0696	1
BGM_TOpot_1_Shr	5-74102	8 - 20 32	4-6454	903250	6.255.625	8-2790	4.2200	0.2923	4.2368	面,企业有意	4.22535	0.6167	2-2250	1
ECN_10pct_lhr	0,3942	8,1928	0.7855	4.2939	4,3962	0.3936	4.5990	0.1465	4,1285	W. 202300	0.2970	9.6088	4.1674	1
# ECM Topot Zumin	8.0000	4.0513	8,0013	4.0020	8.000.5	4,0553	4-9012	4,6222	0.0022	图:400000	4,5505	8,6095	9.6593	
ECM 10pct 24br	0.0129	5.7352	8-8929	3.2000	0.0182	2,9565	93888	9,6831	5-8250	G_00007	4.0050	明。完全是學	3 < 952%	
BON 10pct 25min	4-6476	9.5433	4.5250	4.0467	6-16-55	41-950%	8.0488	9,9800	0.0480	0.4848	4.0666	6-3626	4-9689	i i
# 60N lopes 2hr	0.2251	3-3610	6-2007	8-1795	6,2209	4-3005	0.2200	9,2853	4.5428	0000000	4-2362	0.5211	0.2669	į.
■ ECN_10pct_30min	6-5635	4.0658	8-8875	0.0925	6.38820	5.8625	6-0863	6.0454	\$ - DEX.5	S-03 63	6:082.8	6-18933	8-0433	i i
ECN_lopet_She	8-2589	4,2532	8-2090	4-2070	8 - 31932	6,9659	6.2037	4-2572	8.0775	0.2340	4 - 2379	9-8835	4.2576	1
 ECM_20pct_45min 	6-1498	4.3507	6.25555	8.2514	0.3520	4-1545	4.0388	4.3468	8-1500	48는 말만 없다	4-1526	9.0006	4.352.0	
EGN 10pct 4 5hr	8,2900	4.1327	4-2946	起。现代的是	9,2733	47.3588	4.25325	수. 일등대권	0.2400	0.2985	0.8250	6.0555	4 - 21986	
EGN 10pct 6hr	8-3259	4.3.750	0,5220	4.3400	3.0512	4.3296	4 29 2 EE	4.2664	4.2696	0.2348	0.0000	2.0078	0.7827	
ECN 10pcs, 9hr	46.0000	8,2508	2,2139	4,3110	0.2863	4-2596	4.1862	4,325.	8-2397	Se 225	4.1752	0.0823	4-4655	1
* SERVERINGERDORESCOPERINGER	AKKENDER DER DOGGE	MODEL CONTRACTOR	CANADO CARA PARA LA	CES DOED CRAWKER	THE RESIDENCE OF THE PARTY OF T	THE RESIDENCE OF THE	THE RESERVE AND EVEN AS A	THE PURCH SHOW SHOW SHOW	ADDRESS OF THE PARTY OF THE PAR	CERTIFICATION TO THE RESIDENCE OF THE PARTY	HILOGRAPH 9-08	CHEST PROPERTY OF THE PARTY OF	COUNTRY OF SERVICE SER	CARGODINA PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROP

I CRITICAL RUMATION: The critical docation for the 200 AEF is the ensemble ECR_10pct_thr.

I the median pattern for this ensemble is storm of twore name: ECR_10pct_Rr_41.

I the pattern with the grosbert -Our Mater Elevation> for this ensemble is storm in fators name: ECR_10pct_Thr_10p.

ARF: 50 - Max Nates Elevation (n)

9
)

: CRITICAL DURATION: The critical duration for the GR AEF is the ensemble ECR 2ppt 2hr.

I The median pattern for this ensemble is storm J (storm name: ECR 2ppt 2hr_3).

I The pattern with the greatest **GEX** Mater Elevation** for this ensemble is storm IS (storm name: ECR_2ppt_2hr_10).

ABP: 50 - Max Water Elevation (m)

	FOREST STATE OF THE STATE OF TH	***********				100000000000000000000000000000000000000				and a wall a war to	***********		WKYASVOWSWIES		the a second contract of the contract of
1	Ensemble name	Storm L	Sterm 2	Storm 3	Sterm 6	Storm 5	Stern 6	Stem 7	Storm S	Sterm ?	Storm 28	Average	Std. Day.	Heddan	j.
(2)			STORY OF STREET			CONTRACTOR OF STREET					CONTRACTOR OF THE PERSON	CONTRACTOR NO. HELD	SECTION AND PROPERTY.		
	ECN_Spot_10min	2.8650	9.8893	3-8999	3,8567	8,8834	3.8993	3,8996	2.6893	X-8833	29,000000	3.0553	0,9069	8.8893	1
	ECN_Spot_12hr	6.2092	5-4536	8.1906	4, 2199	4,2006	0.3251	6.2300	47.2892	57 27 28 28 28	Sec. 25.5	6 - Y 5 - V	D-3933	4,2500	j j
	ECN Spet 15min	0.8559	9.8950	3,0994	2.2277	28.0983	5.0559	8,0862	31,5972	$X_{2}9270$	3,9998	2.6983	0,5099	N. PPES	
	FCN Spct 18hr	4,2658	8,2534	0.5379	d. 6895	8,0707	4,2233	4.0877	40.00000	8-3262	8,2888	8,8790	0.8989	6,1516	1
	BON Spot X She	9.0233	8.2828	0.3379	4.2553	8.2896	8.9113	4.8503	0.7993	第二日本行動	614.32555	8-3609	BV8276	4.3858	1
	ECN Spot lhe	40-154-SE	9:2023	4-2629	4,2830	6.2000万万	8:2630	4.079.5	6-3630	4.2645	8-42600	9,2649	THE DECEMBER	6-2657	1
. 1	EUN Spot 29min	8-8956	8-9858	4.0572	0.0663	8-9979	0.0000	4.95%	9,9678	8.0579	01-106-00	6. 经收益率	0.0913	4,4669	1
11	ECN_Spct_24hr	8,5993	3.7810	4,3919	3. 72/50	8-2233	4-9566	6.4070	9-5335	0.0134	9-08-37	5-2285	0.3949	4-5570	ı
	EXH Spot Finish	8,2151	4.3366	4-2757	0.3853	8-3320	9-20-52	4,3190	41.2254	8.1837	9-31-57	4-2247	BL 5855	0.3853	1
	ECM Spct 2hr	6.3003	4.0862	8-2751	4.2330	0.33883	8.3955	4,3030	10 m 300 300	4 - 30059	492233939	3.0000	0.63524	4,3354	
- 1	ECM_Spot_Simin	76.2499	0.2599	0.7492	6.2544	2 - 3 2 2 3	8.3229	0.2500	40、国际经验	4-1323	6-35-50	4-3500	69,0928	2.1383	j.
	ECN_Spot_Shr	6.2546	6:5999	8-2228	48 a 34 5 2	6-2828	9-3595	4.2793	Ga 33 23.	8-2975	3,38,45	8 - 2057	De 9559	8.3626	i i
	ECN Spct dimin	0.2197	9-9225	8.2248	90 20 50	4 - 22 4 6	0.20232	4-9225	4-2255	8-2257	diam'r	8.2236	10/4 (50.2.5)	0.2342	1
	ECM Spot 4 Shr	4.2076	4.5069	8.3508	4.3445	8,0552	4,4000	0.0103	0.2866	9-3394	0.2323	4.3297	0.2573	4.3369	1
	ECN 5pet 6br	6-4248	4-5000	4-2424	4-2325	3.2403	49-3630	4-2825	91" 315,550	8.3699	49-39 00	8-7214	0.0002	4.5000	ı
- 1	EGN_Spot_Shr	62538	9-3479	8 - 52 62	4.2933	8-38682	4,2858	4.2030	4 - 255660	9.3229	8.2384	6-3737	8,366	4.2882	1

I CHITICAL BOATION: The critical duration for the SP AEP is the ensemble EDM Spot Nr. I the science exceeds a second of the seco

AEF: 63.2% - Max Water Elevation (n)

Successional Automorphisms													
Ensemble name	Storm 1	Storm E	Stom S	Sterm 3	Stome 5	Storm 6	Stem ?	Storm 8	Storm 5	Storm it	Average	Std. Dev.	Wedlan
Comment of the state of the sta		CONTRACTOR CONTRACTOR			CONTRACTOR STREET	THE RESERVE AND PERSONS NAMED IN	****	CONTRACTOR STATE			COLUMN TO SERVICE AND ADDRESS.	mir w mar w dod it m h it w	
ECN 63pct 10min	3,6683	5-8637	8.6537	8-5532	8.8639	3.8553	3.4632	2-9553	8-4605	2,9634	3 - 8693	9.5562	2 < 2038
RON 63pcs 12br	2,8042	8.8188	3,2008	3.2200	3,7550	2,7427	3,9593	25,9620	8-8567	3,5299	3,3539	0.0852	2-9192
ECN 63pcs 15min	34 74 3	8.7283	S-7227	2.3295	2.7200	3.3298	3,7288	31. 823.83	3,2248	35. 72552	3 - 79-30	59×510016	8.7248
ECN E3pcs 18hr	9,7438	3.7387	4.5550	2.7869	2,6840	3,7022	20.7453	2,6362	2.7015	2.63,62	2.7350	01-2032	7,7905
ECN 63pct I 5hr	12.5040	3.5353	2,3027	3,2396	0.6450	2.9223	9.6333	31, 985 63	2.75697	3,9553	3,8350	9.613%	3-2050
ECN 63pct the	9,8165	3.2977	3.9061	3.9123	3,9550	3.9173		5.9439	2.3500	2-9143	3,5023	0.7020	3,9296
ECN 63pet 20min	37.7735	3,7330	3,7733	3.3790	3, 7757	3.77734	3.7898	2,7785	35,7795	3.7783	3.7725	0.2016	3,7333
BON 63por 24br	3,6161	3:4630	3.7959	3:8723	3.2522	3 - 5557	20元 英亚克伯	7.7304	8,7590	2,4829	3.6932	0.6775	2.6809
ECN 63pot 25min	0-9973	3.8972	9"5095	34 8930	9.9960	3.2923	8.8545	2.2522	3.8000	3,2035	8-9959	0.9912	3,8969
ECN 63pct 2hr	De 98300	5:9989	3-9625	3.8632	2,5676	3:7290	2,9486	0.5950	3,9505	3,6580	5:5690	0.8177	3-9-86
NON Sippor Steele	20. 的复数	3.8525	3,9325	9-7519	3-8295		8,8221	3.500	8-8259	8.4833	5.9500	614,899,53	2-9549
SON 63pcs She	8,9829	8.0000	846388	8.9595	3,9543	3.9289	2.9695	2,5226	3.19000	3.0688	5.2350	0.0258	3.0356
ECS 63pot 45m3m	3-6650	9.5753	3-8795	5. 1927	27-1887-0	37.8825	3,3838	3.0652	31,089.2	3,9628	519823	0.0016	9:8999
# EGN Sippot 4 5hr	7,9964	3:9936	2,9952	3,8765	31,38762	2,8936	0.0060	3.2333	5:8335	21-9448	9-9360	0.9857	8,9353
ECN_63pct_Shr	0,9980	0.9130	3,8783	3.8843	340535	3.0500	2.851.0	2,9260	2:0520	2 - 20 63	3-37-37	0-9346	2.0629
EUN 63pch 5he	3,5195	0.00X20	3,5265	8,9900	20.0762	2.9588	2-2758	367360	25071	29-6249	3,9510	10 L 05 FD	8.8119

| GRITICAL DUMATION : The critical duration for the 69.25 AEP is the ensemble DEM_Glapt_Zhr.
| The median pattern for this ensemble is storm of storm name : ECM Glapt Zhr.
| The pattern with the greatest **Com Matter Edevation** for this encemble is storm % (storm name : ECM Glapt Zhr. 5).

Page 462 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze 2000

Summary Informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 70 No. of ADP Goods: 7 Object Name: 94ts Result type: Max

Ensemble name	Storm S	Steen 2	Stoom S	Storm 8	Storm S	Storm 6	Sterm ?	Storm 6	Storm 9	Storm 10	Average	Std. Day.	Hedlan	!
ECM 0.227 15kin	5,7980	3.7567	2,7857	8,7959	3,7853	2°3365	3,9587	3.3163	8,7904	3.7554	3,7950	8-6805	3,7556	ı
ESN 0.389 1287	6.8228	9.1693	8-587A	4,41560	8,9889	3-9459	9-9997	9,2516	9-9459	4.0506	0.2909	9.2567	4-6546	1
ECH 0.200 ABUSO ECN 0.200 1852	8,6290	3 (6749	8.8798	X.8760 2.8652	8,6714	3,0053	3,3595	3,6360	2.0000	2,6156	3,9760	0.8999	8,9900	1
ECH O.SEY 3 She	84,303.99	0,1460	0.0985	8,0488	9.1953	81, 9,953	6-2243	0.2557	6-1039	Markey Mark	4-1629	0.0200	4.8450	i
SCN O. SET THE	8-3500	8.1058	6.1094	8.8656	4.1207	8.5200	8-23-6	4,4440	9:1848	H-2793	8-1468	0.2023	0-4840	į.
BON G.CEY SENSO	S_9570 S_6663	3.8276 5.859b	3.9973	4.9850	2,9382	3,9967	5-876S	34, 93.65 31, 9659	5,839B	3,7176	3.8379	695000 B	3,9330	
BOW G.SEY PERSO	0.7500	3,0993	0.5507	2.5000	8,9783	0.9993	2-8820	3.9920	5.7620	9,5991	3.7923	0.2022	2,9689	i
ECN 0.SET.Sky	6-2550	4.1544	4-3288	4.4853	6-1576	8.2290	6.4586	8-3569	8.1746	4.5772	4.4549	0.0245	4-1575	į.
BCN 0.257 38629 BCN 0.257 384	0.01555 4.11531	4.0156 4.1554	0,00,00	4,2348	8,9168	0 - 9 0 5 7 A - 5 5 0 0	4.0133	4.3507	8-3152 8-1157	4.5886	4.005	0.2015	0.2356 0.1565	
ECH O.SEV 45648	6,0000	9,5758	0.0753	4.9905	4.0768	8,0569	4,0796	4.5895	4.0799	9-0883	4.9787	9.4620	0.0755	
60N 0.20% 4 5hc	4.2939	9.1150	8.0829	4,0280	4,1091	40.28.33	4-2497	4.3876	2-546A	49-2765	4:5650	即 。将4.65	4-1969	i
ECN 0.257 She	8,1396	9.1288	4.1045	4,2259	4,865%	0.0727 0.1039	8-0763	al dies	0.052W	성 , 경험성원 시 , 영화용경	5.13950	6. 2759	8,8993	I I

CRITICAL BURNTON: The critical duration for the 0.227 AEP is the ensemble RCN 0.229 Ehr.

The median pattern for this ensemble is storm 7 (storm name : RCN 0.229 Rbz. 0.

The pattern with the greatest comm Hater Elevations for this ensemble 12 storm 5 (storm name : RCN 0.227 Rbz. 3).

AEP: 0.527 - Max Water Elevation (n)

	Ensemble name	Storm 1	Storm 2	Stome 8	Storm 6	Storm S	Storm 6	Storm 7	Storm B	Storm P	Storm 10	Average	Std. Dev.	Hedian	,
O and															harmon and and an artist of the contract of th
ı	BON 0.9EY 19EYn	8.7991	0.7227	3,9237	9.7222	3-7222	3,9222	257226	2.3622	8-7220	3.7226	8.7220	0.9853	8-7500	
	BON G. SEY LINE	2.6953	0.5202	4.23.57	2-8250	8.0055	2 - 427 2	200000	6,9950	2.2389	0.5429		9.3003	2 - 43/52	
N	SCN 0.55V 15eAc	3-7399	8.7937	3,5868	3.7579	2,7386	3.7766	2,7585	2.7568	2:7589	34,7593	3.7990	0-6086	3-7985	i
н	ECM G.SET ISSU	3-9985	0.8258	8-2592	A. ROAR	8,7653	3,7039	2,8351	3-7589	5,7949	3,488.63	2.3273	0.2264	3.9660	
1	ECH 0.588 3 5he	446549	0.0325	3.2543	2,6305	8,0667	8-9300	4-10333	8-3072	0-0535	8.2609	4.0358	10,0278	42.015.0	i i
R.	DON O. SET TOP	8.9948	8-8938	0.6098	8.0100	8 . 109 000	8-68(10)	6.0300	8., 98.95	9.0002	40,000,000	4.0104	0.000	0.0100	
II.	ADDM D. SEV DOMESH	34_6833.4	3,9500	9,6519	3,4529	26.683.8	3,9568	2.85.23	3.9017	2:8602	25、655000	8 4532	0.6035	3.8537	
В	EGN 0.027 V45F	5.4696	5.7810	2.2232	2,9842	3.9918	3,7957	2,7585	2,9235	27.155	3.00	3.7752	0.3893	2.7650	
8	sem O.Ser Mada	8,0500	8.6364	3,8857	5,0000	9.8063	3,0869	2.8977	2,6696	2 - 0079	3.6572	3,3000	B-9529	2,6699	į.
	ECN 0.505 Stor	9,6095	9-0150	9,0005	9.0000	3.0907	8-5052	4-6488	4,9172	0.8650	3-6625	4,0000	0.0236	4-8677	j ,
8	BOTH OLSET BOXES	3.3428	3.9251	0.919 5	3.9199	8-9048	3,9299	2-8153	2,9186	3-324.0	26-20 65	3.0195	6.6319	8-8259	
И	SEN OUTSY SEA	6-6582	4-5146	8,6694	8-9955	4.0726	4.0384	8.6536	0.0184	8-0236	A 2000	4.9630	0.0301	2.5588	ı
10	MODEL OLD SERVE ASSESSOR	35.57.77	0.00000	3.9722	3.9000	3-2749	31,9785	25.9785	21.02770	3-8703	31.57.83	3.6778	10-9035	2.87700	1
1	MCN 0.50W G DAY	4.2000	5.0000	3,9633	3.9427	0.0000	3.3000	8.0258	686664	2.8375	06-05:01	4.0100	图4. 影子发彩	4:0195	1
1	ECN O.DES CAP	8-44238	0.9520	0.0757	3,7638	0.8678	3,9450	35000	8, 2355	0.5482	0.0250	3.9728	0.6354	3,3563	i i
	ECN G. SET SET	8.9538	8.5097	4-8191	4.0760	8.3720	8-9885	20.4523	3,6560	2.8458	3.9175	3,9839	B, USAS	8.8357	j.
1500															

| CRITICAL DURATION : The critical duration for the 0.550 AEO is the ensemble EEN 0.551 200; | The median pattern for this examenble is storm ? (storm name : ECN 0.557 227 7). | The pattern with the greatest class Mater Elevations for this ensemble is storm 3 (storm name : ECN 0.552 205 3).

AEF: 19 - Max Mater Elevation (m)

Ŋ	Ensemble name	Storm i	Storm 2	Storm S	Storm 5	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm SC	Average	Std. Dev.	Nedian	1
83	CARDONAL DESCRIPTION AND A PROPERTY OF THE PARTY OF THE P	THE PRODUCTION ASSESSED.	STATE PROPERTY.	COMPANDATION.	WINESTERN PROPERTY	CONTRACTOR PROPERTY	NAME AND ADDRESS OF		WESTERFEIGHT.		NAMES AND DESCRIPTION OF THE PARTY OF THE PA		0257572222000	STREET, LIBERT PROPERTY	Sammera and a superior consistence of
- 1	ECN ipct lösin	ALREAL	2.0069	0.0093	6 10000	6=0080	8.00%	4.00000	44.9988	4.0073	0.000	0 = 00 (65)	(F., 45) (C.)	6.0568	1
- 1	CON 1pct 12hr	8-4238	9.3620	0.3383	0.3956	6.8702	9.3350	4.5987	4,9819	8-8592	2.5368	8 - 87 60.	0.2384	4.9500	j.
10	SCN Ipcs 15min	0.3993	0.1362	8,3220	2.3330	0.3032	9-1328	8.1222	4.4047	6-112.9	40-14002	4-1229	BI-0000	4:1229	ł
И	ECN lpct 18hr	8-38-57	4:3610	9-3548	4.8226	8-5-779	4,5450	4.9557	42,42,00	9.1689		4.4522	29, 120,440	4-2863	į.
Н	EGN Ipct I the	图4 通电影學	4-4167	4-5149	0.8659	8.4767	3-2363	0.4743	明一年的安徽	9 . 4720	8.6721	4-6745	0.04.90	9.4770	1
	EGN_ipct_the	8.4266	9-6507	4,4308	4.4220	4.4249	4-4589	0.9292	4.4226	8-9327	企工學更多意	9 = 98060	9,5352	0.6530	1
- 11	ECM lpct 28min	8.2568	是。此是由分	4.5970	Sa 2500	第一次并在另	利用 医阴道流	4.8576	公元至于 等	保工工事規劃	例而是學學文	员。2.277	· · · · · · · · · · · · · · · · · · ·	9.25996	1
- 1	BON THOS 248 F	8,4923	8,8104	4.4563	6.33332	8-4247	9,5139	4-2000	表示	4-0360	图 安尔亚	4.5937	(0)和方面的	2.0000	,
	ECN Ipct 25min	9,2539	4.2558	4.2534	4,2539	4:2550	8.3032	4.3522	4.2544	9-2584	8.4543	5-2539	01-101-101-101	4-2540	į.
ı,	ECN Spot She	6.4900	4.4958	8.4988	A. 9823	3 - 44 (4)	828828	6.4888	9. 5893	0.5000	49-52500	4.9939	6.50.03	4.9894	j.
И	ECN 1pct 30min	6.2883	9.2365	· · · · · · · · · · · · · · · · · · ·	8-2750	8.2823	南北京东沟西	6.2969		$g = 3.05 \pm 0.05$	(A.27940)	8 - 3909	(i) (i) (i) 2. H	8.1910	I I
- 8	ECN Ipcs The	0.5579	2.9395	4 - 50 80	da 6473	6:4577	0.4002	6、电子达日	86.85	经上级书标准	9-5969	4.4654	0.0383	4.8608	J.
li I	ECN_lpot_dSmin	8-38118	8-3455	4-2782	6.2510	653696	0 - 3775	4.2709	6.312.62	4 - 3 7 3 3	8-36-53	4.2770	0,6053	4.3759	į.
	ECN ipot & She	8,5518	4.5000	8-6751	8-9666	8-8901	8.8334	4.4935	4.5520	8-8835	8:57.55	4-8316	69-6423	8-4502	
	ECN tpot one	6.6534	4.6457	6-4699	4,8000	6.4530	0.6593	8,8529	9-5998	6-5695	8,5503	6-5000	B-19713	8.8898	
	ECN Ipcz 9hr	4-2693	4.3699	4.0619	4.3830	9-5899	S. 3534	4-6173	40 m 30 m 30 m	8.3543	8-9619	4.4597	(D. 1339) 1	4-4369)
(90)	THE RESERVE ASSESSMENT OF THE PARTY OF THE P	or a section of the s	Children and Children and	PARTICIPANT DOLORS OF THE	A STATE OF LAND SHAPE	STATE OF THE PARTY OF THE PARTY.	PART TO STATE OF THE PARTY OF T	PERSONAL PROPERTY AND PERSONS ASSESSED.	THE RESIDENCE AND ADDRESS.	A RESTAURANT AND A STATE OF THE PARTY OF THE	CERTIFICATION CO.	STATE OF STREET	ALTERNATION OF THE RESIDENCE OF THE PARTY OF	OR STATE OF STREET, ST	Printed and a contract of the

CHIPICAL DESATION: The crimical duration for the 13 AFP is the example ECN ipot 4 5hr.

The modion pattern for this ensemble is storm 0 februaries : ECN ipot 4 5hr 01.

The pattern with the greatest 4664 Motor Elevation 6 for this ensemble Is storm 10 fators name : ECN ipot 4 5hr 189.

AEP: 10% - Max Water Elevation (n)

Property									-		*********		STREET, STREET	
Ennemble same	Storm S	Storm S	Storm 3	Storm &	STORM S	Storm 6	Storm 7	Storm S	Storm 9	Store to	Average	Std. Dev.	Median	
Patricia manufactura de la constitución de la const	cicles and a second second	AND RESIDENCE OF THE PARTY OF T	automatica del districto	embanemintonia	and the second s	AND CONTRACTOR AND CO.	SOLICIST REPORT REPORTS	and to design the contract of	were the second	energies although for	NAME OF TAXABLE PARTY.	OF RESIDENCE PARTY.	and the second second second	energy and community and communities?
# CCW lOpes lowin	3.6333	3.5389	3.48350	3.9047	9-8395	3,0366	9,8389	3.0263	9,4333	9.6036	2.9350	0.0000	8.0256	1
# ECN liber 12hr	8.3383	4-0644	4.4888	2362.5	8.3559	8-3303	0.2533	0.3632	0.2319	6.2932	6-5521	0.0006	8,5360	
ESSE 10pct 15min	3,9040	0.6046	3.9327	3,1159	3,9392	2,3042	20,000.5	3,9657	3.8352	2.9265	3,83640		2-9353	
ECM 10pct 18hr	40.0346	5.0586	0.2369	8,0900	3,1429	0.0068	0.9982	3-3465	4-0296	Collinson	2-0750	學。並被索克	8-0835	i i
BCN_TOpot_Y_Shr	S-74101	8:2931	9-0019	9.2036	0.0009	4.2256	4.8200	0.1929	位于亚巴克克克	Smiles	4.2336	0.6167	2-2285	
ECN_10pct_lhr	0,3945	4,1827	0.1830	4,1625	4.3843	0.2906	4-5898	W. 1445	8-1805	W. C4080	0.2970	0.0095	4.1873	
ECM Seper. 20min	8.5007	4.0533	0.0013	4.0699	8.0000	8,6033	4-001E	4,6522	0.0022	State State State	4-5030	8 500S	4-6343	
ECN 10pct 24hr	0.0118	5.7356	0.0328	3.2007	4-9152	2,9524	93859	9,6838	2-8270		4-9249	Walter	2.9823	
ECN 10pct 25min	8-6888	9.5690	4-2566	4. 2467	8.13357	0.0361	8 406 88		8-0479	0.0125	4 05 SE	8.3019	4-5688	1
EUN 10pcs 2hir	0.2550	4.9603	0.2355	8.1778	6,2599	例。2000年	6.2200	0.2883	9-2623	00000000	有一定的地方	0.5212	8-2679	1
ECN_10pct_30min	6-2400	9.0926	8-8835	0.0925	6-3055	4.9857	6-0865	8.0422	6-0883	S-6455	6.0858	64-189333	8.0453	1
EGN_10pct_She	8-3589	4,2115	8-2088	4.5554	8 - 3/00333	6.8655	8-2896	4-2572	8,4777	49-23440	9-2979	0.0235	4.2573	1
ECM 10pct 45min	6-1463	4.1507	6-2538	8.2226	9-1220	9-23-26	4,2288	4.2435	8-1899	에는 말면 있네	4-1596	8.000.0	4-3500	
EGN 10pct 4 5hr	8,1953	4.5337	4.2965	4.2580	校,至于教艺	4.3997	4,2276	4-9683	9.2422	0.2984	4.2220	6,0555	4-2994	
ECW 10pct Shr	6.3236	4.3757	美国新兴业	4.3430	8.052%	4.3275	4.3753	4.2689	4.2695	0.2242	0.0769	2,2611	0.2023	1
ECN 10pcs, She	46.0620	8-2207	4,2113	4,3320	8-21105	4-1115	4-1902	4,3258	9.2285	0.2234	4.1711	0.5123	4-3604	

I CRITICAL RUMATION: The critical docation for the 200 AEF is the ensemble ECR_10pct_thr.

I the median pattern for this ensemble is storm of twore name: ECR_10pct_Rr_41.

I the pattern with the grosbert -Our Mater Elevation> for this ensemble is storm in fators name: ECR_10pct_Thr_10p.

ARF: 50 - Max Nates Elevation (n)

CAMPADE NAME Storm
Park Library 1,5578 2,5579 3,5574 3,5559
PACE PACE
BEN Sport She to 1,000 0,000
BCH 2pcT 18hr
BEN \$per 1,500
##############################
ECM
#CM ZpcT 24hr 4.0020 6.2202 4.0002 6.0000 4.0000 9.0000 4.0000 4.0000 0.0000 0.0000 5.0000 6.
##################################
XXX 2pTc_2mr
1670 2070 2011
NCM 2004: 30mln 4,2275 4,2375 4,2377 4,2337 4,2330 4,2310 4,2312 6,2330 4,3350 4,3351 4,3330 6,3351 4,3330 6
PEN 200 Mag 4.4570 4.5570 4.4555 4.2572 4.5770 4.2573 4.5573 4.5574 4.7570 4.6571 4.6572 9.6575 4.7570 1
BCM 2Fort 4Main 4.5599 6.5599 6.5599 6.559 4.5572 6.5570 4.5540 4.5540 4.5590 4.5550 4.5550 4.5550 4.5550 4.5550
CON 2001 4 5hr 8-8657 8-8657 8-8559 8-8559 8-8559 8-8559 8-8559 8-8559 8-8559 8-8559 8-8559 8-8559 8-8559 8-8559
DON 2ptc The 4.5634 6.2576 4.5810 6.3597 6.5838 6.3200 6.5005 6.5250 4.5250 6.4259 6.4250 6.6838 6.5200 1
NSM_2pet_The 4.4157 5.3276 6.6671 4.5523 4.5605 4.6695 4.5526 6.5226 6.5226 6.5524 4.5524 6.5700 4.5728 4.5728

CRITICAL DURATION: The critical duration for the SE AEF is the ensemble ECR 2ppt 2hr.

I the median pattern for this ensemble is storm 3 (storm name: ECR 2ppt 2hr. 3).

I the pattern with the greatest daw Kater Elevation for this ensemble is storm IS (storm name: ECR_2ppt_2hr_10).

ABF: 50 - Max Water Elevation (m)

Consessable	NOT THE RESIDENCE		THE RESIDENCE AND ADDRESS OF	**********		244423474747		LIVE DATE OF				and the state of the state of	WEST-FREE FREE FREE FREE FREE FREE FREE FREE	*************	Seasonana contrara contrara de la contrara del la contrara de la c
	Ensemble name	Storm 1	Stem 2	Stom 3	Sterm 6	Steen S	Stem 6	Stem ?	Storm 8	Steim 9	Storm 18		Std. Cav.	Median	Į.
	tow Spot 10min	2.8691	9,8892	3,8969	9,6663	8,9893	0.0992	3-8993	2,6896	2,8833	2,0924	3,8695	0,5559	8,8650	1
	ECN Spot 12hr	6-2083	9-4693	8.1966	4, 2232	4,2083	0-1290	4.2390	4.2898	0.3309	3-2597	6-1524	0.0919	4,3596	i
	ICN Spot ISmin	3,3559	9.8555	3,5993	2.2377	38.0E62	5,9999	3-0902	35,5973	2.9976	3,9998	5.6985	0,5099	X-9942	i i
	ECN Spct 18hr	6,2549	8-5594	9.5279	4.5722	8,0703	31, 2503	0.0076	4.9732	8-32-62	8,2888	5.1760	0,5835	8,4510	i
1 0	DOM Sport 1 She	4,3227	8.2825	6.3370	4,2893	表。交易规划	8,9322	4.9993	0.7931	第二型表现的	6,3255	8,3649	01.52.76	4-3657	i
1	ECN Spot lbr	895250	9:2502	4-3638	9,0000	8-2517	6,2670	4.0754	8-2620	A. REEN	8-12820	9,2642	De 0036	6-2606	1
1 5	UN Spot 29min	8-8995	8.8658	4-4678	N . 25557	6.0033	99,9570	d .0887	9,9607	8-0678	01-6449	6 - 12050	0-6713	4, 4960	ı
	ECN Spot 24hr	8,5260	3.7920	4,3913	3.9173	8.1932	4-9588	6 5 6 0 7 5	9-5553	9 11239	6-0936	2-1280	0.2048	4-9669	I I
	DN Spot 25m2n	0.2250	4-3226	4-2731	4,3350	8-3284	9-21-52	4.2125	41.9354	8-1807	9-33-53	4-2347	0.0873	0.4452	1
	EON Spot 2hr	6.3693	4-3869.	8.2751	4-2199	0.2893	6.3656	4,3030	40 1 351 353	4 - 30054	49.222.634	3.5130	0.0000	44.89562	i i
1 5	DM_bpot_Neals	0.2659	0.5300	0.9491	6.2598	3,3533	8-3519	4.2500	40年 医原有色	9-3500	8-9555	4-2500	04,022.5	2.3323	
	ECM_Spok_Shr	6,2546	6.5230	8,2992	明日 经营工型	4.2885	9-3527	4.37.00	0.3855	8=26710	9.2845	8 - 2057	Ste 9559	8.3665	
	ION Spot dimin	4.2297	4.5259	4,0239	4.20.42	4 - 33 50	0.2272	4-2509	4,2225	4-2266	9-32 22	8.0255	0.0025	0.5540	l l
	CM Spot 4 5hz	4.2879	4.5000	8.3507	4.8425	4.0694	0.0044	4.8193	0.2864	9-33-84	A.2391	4.3397	0.8531	4.3350	1
	ECN_Spot_Shr	6-4247	9.2069	4.2853	4-2324	4.9403	4-3435	4-2456	41, 1970	4-3692	49-50-00	8-2552	0.0063	4.2976	
	ECK_Spot_Shr	8-2539	4-3477	4,3239	4.2886	S-38485	4,2552	4:2995	4.2557	4.3257	8.2384	4 2735	0.0982	4.2690	

I CHITICAL BOATION: The critical duration for the SP AEP is the ensemble BON Spot Nr. I the science exceeds a series of this consemble is storm & (storm amon 1885 Spot Nr. I). I the pattern with the greatest Char Mater Elevation for this consemble is storm & (storm amon 1880 Spot Nr. I).

AEF: 63.2% - Max Water Elevation (n)

Secretaria de la composição de la compos														-
Ensemble name	Storm 1	Storm E	Storm S	Stems 3	Stom 5	Storm 6	Stems ?	Store 8	Storm 5	Storm it	Average	Std. Dev.	Wedlan	
Comment of the state of the sta		CONTRACTOR CONTRACTOR				-	****	CONTRACTOR STATE			COLUMN TO SERVICE AND ADDRESS OF THE PARTY O	minument of the latest		
ECN 63pct 10min	3,6639	3-8636	San 65.000	8 - 25 5 300	8,6636	3.6505	3-4627	2-9578	8-0638	2,4533	3 - 9638	9.5662	E-6650	1
RCN 63pc8 12bc	2,8643	8,5935	2,9086	3,2250	3,7949	2,7150	0.9598	25-46523	员 另上目的	3.5899	3-3556	0.0852	8-8890	i
ECN Close Innin	Ju 7282	3.7296	5,7286	2 . 70.93	0.7299	0.3200	8,9809	34.7038	3,7332	36. 77.55	3.75553	09,980,08	8.7259	i
ECN Sipcs 18hr	9. 7656	3.7396	4.4801	2.7250	2568.66	21,7493	20.7858	2.6772	2.704.7	2.6243	2.7398	61m2/05/2	7.7929	- 1
ECN 63pct I 5hr	2.5039	3.5352	8,8020	3.5393	0.0219	2.9290	29.493.35	31.98553	2.8496	3,9553	2.8530	9.613%	3-8357	i
ECN 63pct the	2,3198	3.8976	3.3002	2,9723	3,99.55	3.9172	2,8528	5.9488	2.5900	2-8143	3,6000	0.7020	2,9196	j
# ECM 63pet 20min	27,7720	3.7757	3.7738	3,7699	0.7738	3,77,68	20.7898	20,0750	J. 7793	25. 150.00	3.4783	0.0016	3,7763	- 1
# ECN 63pot 24be	5,6168	3:4658	3,7863	3.8727	7.8522	3,6559	2.6812	7-7333	8.7556	8,6516	3,5933	即。因外报法	9.6667	- 1
ECM_63pot_25min	0.9970	3-8672	3,2555	3, 2970	9,9858	3,8942	8,8549	3.2070	5,8966		858838	0.3552	3,2560	j
ECN 63pcc 2he	0.9223	5:9197	3-9635	3,8829	9,0675	3.7099	2,9486	3-9445	2,8565	3,6589	5-5652	0.8176	8.0020	- 1
# SCN 63pc% Stealer	3.4533	51.85586	3.9329	A. WOLT	8-8006	3,6395	8,6315	(8.450GR)	8-8259	8.8822	2.9500	61, 220 5.5	3-8569	- 1
ECN 63pcs 3he	8,9828	8.0221	848365	8,9898	2-9929	3.8352	5,9994	2,5205	3-19000	3.0648	5.9321	0.0258	3.4550	
8 ECH Sippet Steden	3:6029	9.50795	3,6795	3. 8726	2,8639	37.00394	3/3638	A. 2630	31,93703	3,9029	519823	10,0016	7.8930	1
# EGN_SOpet_4_Shr	3,9964	3.8825	2,9559	3,4705	3.3061	2,0988	29-60/43	3,9360	5-5516	2-2417	3-9350	D-9968	2,9959	- 0
ECN_63pdt_She	0,9983	8-9129	3,87.63	3.9840	2,40536	3.9588	2.8513	2.8260	F: N5.7.7	3,92155	3-37-57	0-9846	2.0029	
ECN_63pch_9hr	3,5894	5-6110	3,5265	8,2535	20.0765	2.3365	2.3703	3,7356	358879	2010年1月1日	3,8590	101,000,740	8.8799	- 1

| GRITICAL DUMATION : The critical duration for the 69.25 AEP is the ensemble DEM_Glapt_Zhr.
| The median pattern for this ensemble is storm of storm name : ECM Glapt Zhr.
| The pattern with the greatest **Com Matter Edevation** for this encemble is storm % (storm name : ECM Glapt Zhr. 5).

Page 463 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze 1000

Summary informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 10 No. of ADP Goods: 7 Object Name: Site Result type: Hax

I Ensemble name	Storm S	Steen 2	Stoom S	Storm 6	Storm S	Storm 6	Sterm ?	Storm 8	Storm 9	Storm 10	Average	Std. Bev.	Hedlen	!
gen o.sey teste	5,7858	3.7896	3,7859	8,7658	3,7650	2.3866	3,7858	3,3961	8,7950	3.7868	8,7860	0.0005	3,7885	1
EGN 0.359 1250 EGN 0.257 13636	8.6226 0.6763	3,8743	8,0949	421598 818759	9,9997 9,9763	3.9553	2,8763	9.2535 2.4755	8.0450 8.0768	4.0505 2.6765	0,0900	9,9180	8.0762	1
BEN GLEEF 1852	8,6226	2.8929	0.5419	2.8655	8,4924	2,0762	3.5518	3, 1099	2.9000	2,7522	3.5535	Dc2458	2.2222	i
ECH O.SEV I She	N=2099	0.1693	0.0924	8.7488	9.1951	41. 4.552	0.1382	明。我有权的	6-2032	4-1720	4.1409	0.0250	4-2424	į.
ECN 0.227 The	8.0264	9.5069	0.1003	8.3555 3.3588	0.4581	3,9008	S-8239	9.2228	9.1889	40.27.22 32.5000	3.0370	01-25555 01-5057	3-1940	i
BON G.DET NACH	3,49903	5,8590	3.8525	0.9862	37,88885	3,8855	3,3790	3.9638	2,0097	3.7296	8,6690	6-2652	20,000	i
BON 0.027 DESIGN	8.2249	3,0000	8.5556 8.2540	4.1932	8,9784	2, 9895 4, 1387	E-MERI 5722-2	3,9900 8,3568	8.1786	9.5731	3.7992 4.1549	0.0059	4-1979	1
60N 0.7EF 386EE	0.0347	9.9350	8,05.40	6.5550	8,9153	9-2355	4,0138	d. 450 773	8-93-50	0.46220	4.0050	9,4515	9-2349	i
ECN 0.287 3hr	6.0504 6.0504	9.1504	0-2120 0-075E	4,0956	4.0768	A-2580 A-0768	4,6709	4.9395	4-0759	0.5591 0.0523	4,5565	9.8529	A-1565 4-5394	!
ECH 0.202 4 5Mc	0.0111	9.5569	6.0829	4.0000	4-3576	0.2724	4-1890	4.3574	2-2943	Self-Self-	4-1600	Daries A.	4-1586	i
ECN 0.2EY She	8.1393	4.9150	4.1035	4, 2849	4,2851	0.0727	4-07N2	8-3654	0.0579	0.7502	6.0919	69, 625,633	8.0099	
ECN_0.282_966	4.2541	9.6285	선 : 일단설구	9.0239	4.2352	971889	0.0052	No. 12075 59	0.0722	40,9328	4-1160	0.0739	6.1303	

CRITICAL BURNTION: The critical duration for the C.ZET AEF is the ensemble ECM 0.ZET EAT:

The scalar pattern for this ensemble is storm 7 (storm name : ECM 0.ZET ZEZ 3).

The pattern with the greatest comm Hater Elevations for this ensemble 12 storm 5 (storm name : ECM 0.ZET ZEZ 3).

	AEPI 9.51	27 - Max Wate	c Elevation	(m)											
			3-226-20-20	***********	**********			DESTRUCTION	*******		White was a new section of				
- 8	Ensemble name	Sterm 1	Storm 2	Storm S	Storm 5	Storm S	Storm 6	Storm 7	Stoors B	Storm ?	Storm 10	Average	Std. Dev.	Hedian	
	SECRETARIST SECTION AND INCIDENT	*********	CONTRACTOR STATE	OGENERAL DESIGNATION	THE THE PERSON NAMED IN	in home in which the same	***	SERVINGE SERVICE	STREET, STREET			********		Considerate and the second	Control of the State of the Sta
ı	DOM O. SEY SERVE	8.7229	0.7029	3,7296	3,7232	3,7221	3,9220	9,7223	2.9223	8,7519	3.7216	3.7222	9.9803	2,9509	
- 8	SCM G.SEY LINE	3,6396	0.0260	4.31.66	2-6205	8.9959	8.6272	212241	62,9506	319507	6.5424	5.8552	9.2003	8-9392	
- 0	SCN 0.55% ASSAGE	3- 1999	8.7878	3.7887	3.7578	8,7988	3.7183	2,7982	CF x 72 9 6 K		36, 10000	3.7983	die Bright	3.7563	
H	BOM G.SET ISSU	9-9988	0.8250	8-2590	20.00	3,765.4	3,7936	2.8386	3,7538	5,7946	3,498,68	2.0252	例。文学委员	3.9000	
- 1	ECN 0.507 3 55e	47.654.6	0.0020	5.2945	2,6895	8,0000	8-9200	8-,03000	8-5872	4-0530	8.2608	4.0353	10,0178	0.0150	
l.	DON O.SET THE	8.9847	8,9505	0.6080	8.0360	8.05.07	8-0973	6,0363	84,9638	9.0009	图 4 使见 图 第	0.0000	0.000	6.63369	
ı	ADCH D. SEV FORIN	34_68316	0.9396	2.0569	3 - 8052 9	26,682.7	3,9300	2.8632	34.9536	2.0461	2000年1月	3.9511	0.6016	3.8525	
8	EGN 0.027 1450	5.4896	3.7837	2.2232	9,9563	3.9919	3-73-50	27,7530	2,4130	47.155	2.45	3.7758	0.9893	2-7-50	
- 8	BON O. SET YEST	0,0903	8990	9.8889	25-23-25	9.8881	3.9867	2,8976	2,6633	2-6832	2 at 73	2,3366	0.9019	2,0000	
- 1	ECH D. SEY SEX	0.6082	9-0159	9.88.61	9.8569	4.0402	9-5935	4.0498	42,9173	0.0010	(1) 网络多克斯	2,0400	(9 - 02/2/6)	4.0670	
- 8	BON 0.5ET 3CESS	0.9057	3.9290	2.6138	3 a 3 2 2 2 2	9,9599	3,9329	2-2151	2,9199	3 - 22 4.3	2,2162	3.0198	01.03319	9-8757	
H	EDN O. SEY SEX	6.0300	4-5655	8.6673	8-9955	4.0728	4-9393	8.0530		0-0332	A. 25-60 A	5.0630	8-18901	4.0389	
l)	MODEL OF SERVICE SERVICE	01.3775	0.3765	8-9727	3.9798	34.2787	25.8225	25.9787	21-27.69	2.8780	3. 57.68	3.6770	49-90535	2.8760	
10	MOCH OLSEW & NEW	8 - 200 900	5.8880	3,9635	3:3625	6-9000	3.3350	8.0297	61 × 92 × 4 × 5	8 - 0379	81253F8	4.0395	10.8618	4 - CIGA	
- 11	ECN O.NEY SEE	8200238	15 1955-117	04,073,66	35. 390(32)0	35,96877	3,7485	The State of Co.	81, 90550	0.56652	0.6327	3.9107	(0), \$(X5), ii	50.355330	

DNN 0.057 Enr 6.0619 0.0617 3.9506 3.9619 0.0677 3.9689 3.0606 0.9581 3.9662 0.0522 1.8737 0.6584 5.9588 DNN 0.057 Enr 6.0628 0.0628 1.9507 3.9508 0.0628 0.9581 3.9596 0.0628 0.9581 0.0628 0.9581 0.0628 0.0628 0.9581 0.0628 0.

AEF: 19 - Max Mater Elevation (m)

Particular and the second and the second and the second	**************************************	STREET, STREET, STREET,	SERVICES	CONTRACTOR STATE	CHARLES AND ADDRESS.	CHARLEST AND DESCRIPTION OF THE PARTY OF THE	STREET, STREET, STREET,	minimization in the	NAME AND ADDRESS OF	SECURE SERVICES.	REAL PROPERTY.	ASSESSMENT OF THE PARTY OF THE	ed to be a series of the series of the		age la
Ensemble name	Storm i	Storm 2	Storm S	Storm 4	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 10	Average	Std. Dev.	Nedlan		1
*HEREREER/RESARCHERYSKANCH	TERRETARINA TERR	STATE PROPERTY.	PERMEARITME		*2000000000000	OCCUPATION OF STREET		80 KATOPENSER	507070707070	***********		225453222555		**************************************	100
ECN ipct limin	4-6860	8-9595	8-0062	6.0865	4-0068	0.0000	4.0000	46.8962	8.8870	0.0000	0 : 0550	E-2002	6,0563		- 1
SON Ipct 12hr	8,4236	4.4926	8.3352	4.3955	6-8700	9.2899	6.3867	4,9814	8-8930	4.5563	8.4750	0.2244	4.0509		- 1
BUN Ipcs 15min	0.2933	9-1291	8.3228	2,2029	V-1200	4-1327	8,1221	9.4243	6-1273	40,10771	9-1229	BL-0588	4.1225		U
8 EGN_lpot_18hr	8.3845	8.3645	8-3447	4.8382	9-2-213	4.5459	4.9558	40,000	9.7427	S-27682	4.4533	29, 25, 21	4-1936		£
EUN Ipot 1 the	8-3584	4.4882	0.4730	0.8850	8.4989	3-2352	0.4712	创业多年的	9.4227	65,65419	4-9745	04.04.60	Q = (672/9)		1
EGN_ipdt_lbr	8,4266	0.0000	0.0306	4.4253	4.4259	0.4289	6 - 9229	4.4237	8-4338	6.4556	4 - 66060	9,5052	0-6000		1
 EXM lpct 28sin 	8,3568	8.25990	4.2950	4,2969	原。在在重要	44.8390	4,5820	公元等等等的	第二元 医亚伯	例如30克克尔	从上九分子艺	(2) 未完全等	St 1.797 (A)		- 1
BON 1pox 24br	8,4892	4.2888	6.4522	6.5550	8.4265	9,3928	4-1602	0.5273	4.0390	图 图 发生	4.9526	(Ban 为包里面)	4-3692		- 1
BON Ipct 25min	9,2539	4.2357	4.2533	4,2592	4.2548	8-25-56	4,3594	4.2548	9-2568	8.4848	4-2537	的和原理主义	4.2519		- 1
ECN Spot She	8-2488	4.6849	8.4908	8.4828	8,4889	828886	亚山西东 东西	9.5944	A. SERA	中国的政治	4.8930	6.5108	4.4000		- 1
ECN 1pct 30min	45.28763	9.2963	4.2922	8-2939	4.2823	ALCOHOL:	6 - 29 65	0.2952	9-3950	0.425538	6-2939	0.3129	4.1999		- 1
ECN Igot Shr	0.5478	2.9285	6-50322	40.000	6:4593	4,4558	6、在下型层	86.55.66	4.4883	9-5207	6-9930	0.0302	4-8656		1
ECN_lpot_dimin	8.3825	0.0775	0.3762	4,3800	653695	0.0774	4,3790	6.3052	第一百年李弘	8.3962	4.2772	0.5553	4.3759		£
ECN ipot 4 She	8,5827	4.5664	8,4732	8-9886	6.0000	8,8633	8.46000	4,5550	8-8972	0.5000	4-9593	9-9478	8,4502		
ECN tpdt 6hr	6,6263	0.6850	6-4666	4,8072	8-4558	8,8594	8,8530	9 × 9591	6-2408	8,5555	6,6500	· 유구도당	9.4693		- 1
ECN ipck Whr	8.5802	4.8607	4-3614	4. 3823	9-4549	4.5566	4 -8132	49、美国和20	8.3542	8.4615	4.4597	0.9361	4 - 4505		1

CANTICAL DURATION: The critical duration for the 10 AEF is the example ECN 1ptc 4 5hr.

The modian pattern for this ensemble is storm to [chicm name : ECN 1ptc 4, 5hr 0].

The pattern with the greatest *MAX Hater Elevation' for this ensemble is storm 50 (storm name : ECN 1ptc 4, 5hr 10).

AEF: 10% - Max Water Elevation (n)

Property													**********	
Ennemble same	Storm S	S. REGER	Storm 3	Storm 6	STORM S	Storm 6	Storm 7	Storm S	Storm 9	Store to	Average	Std. Dev.	Median	j.
 Выпасняемного выпасняем из применения выпасняем и применения выпасняем выпаснаем выпасняем выпасняем выпаснаем выпаснаем	coloradoradoradorado	NO AGEST STREET, STREE	automatica contraction of the	entirencentorno	CONTRACTOR DESCRIPTION	accessors and a common and a common accessors and a common accessors and a common accessors are a common accessors and a common accessor and a common accessors are a common accessors and a common accessor and a common accessors are a common accessors and a common accessors are a common accessor and a common accessors are a common accessors and a common accessor and a common accessors are a common accessors and a common accessor and a common accessors are a common accessors and a common accessors are a common accessors and a common accessors are a common accessors a common accessors are a common accessors and a co	ka arryt since krancus	enforcemental entrales	were and a few particular and	exercise attaceback	CONTRACTOR STATE	OF THE PARTY OF TH	and the second second second	Partie a marchine de la companie de
# CCW lOpes lowin	3,8350	3.4350	3.8339	3.9354	9-8350	3,0365	2,8368	3.0262	2,4233	0.0365	2.9350	0.0000	8.0285	1
# ECN liber 12hr	8.3242	4-0548	4.8952	8-1993	0.2569	8-3502	0.2536	49.3683	2-2219	6-29163	6-5520	O. OKAY	8.1893	i
# EDM 10pct 15min	2,9000	0.6359	3.9220	3,9356	3,6350	2,3003	20.0030	3,7656	3-8358	2.9258	3.5388	D. 150,000	3-9352	1
ECM lopes 18hr	41-62-65	5.0586	0.2020	3,9609	8,3526	0-0020	0.9992	3,2000	4.0266	6-2756	2.0750	0.0806	8-0894	i
BCN_TOpot_Y_Shr	5-7497	8 - 2000	4-2223	4.2000	6-3880	8.2230	4,2298	0.2925	4-2345	空かけるがら	4.4234	0.6187	2-2269	j.
ECN_10pct_lhr	0.2942	4.1926	0.1848	0.2599	4,3269	0.2535	4.5848	印,是经有 它	4-1980	W-309 S	0-1937	9.6035	4 - 1000	1
ECM Sepot 20min	8.5005	4-5035	4,6013	4.0000	6.0627	4,6011	4-8016	4,6633	0.0520	Washington .	4-5582	8) - BBBS	8-9882	,
ECN 10pct 24hr	0.0225	3.7305	0.0923	3.2000	4-9510	2,3583	4,2867	3, (423	2-5299	6-66755	4-9249	0-1-195	2-9802	ı
ECN 10pct 25min	A-6575	9.5689	4-8488	4.2435	8-13-25 8	41 - 93.00	4.0667		8.9679	(i) . C4 (55)	8.08880	6.3014	4.6623	1
EUN 10pcs 2hir	0.2568	4.3668	4-1964	8.1793	6,2500	9-23-50	0-2276	0.2310	0.2429	002453	有一定的现在	0.5110	8-2833	1
ECN_10pct_30min	6,5008	4.0830	8,8811	9"0038	6-9629	0.00000	8-00002	8-9620	4,0000	S-625.38	6:00039	64-1893.5	8.0926	ì
EGN_10pct_She	8.2003	4,3336	化二氢红黄素	4-5554	8 . 120/312	6.3555	6.0839	4-3348	8.0777	J-2365	9 2330	9-1835	4-2072	1
ECM 10pct 45min	8-1481	4.1206	6-2517	8-3310	0.1523	0-2505	唯一定理教育	40.3457	9-1879	46-253-3	4-1509	9.9616	4.3563	,
EGN 10pct 4 5hr	8,2934	4,1338	4.2394	4.2665	校,至学位日	4.3994	4-2275	4-1965	4.2433	8-2382	0,2230	0.0522	4-2000	,
ECW 10pct Shr	W-3243	4.3.734	9,5557	9.2479	8.0593	0.3274	4.379.0	40.2550	4.2696	40 a 50 5 40 5	0.2167	2,2618	4.5514	1
ECN 10pcs, She	4-2519	8.2307	4,2112	4-7755	8-2060	使一直发现性	4-1970	6,3264	9-2285	A 64 5 1	4.1756	0.0123	4-1653)

CRITICAL REMATION: The critical docation for the 200 AEP is the ensemble ECR_1Opt_3hr.

I the median pattern for this ensemble is storm of taken mame: ECR_1Opt_2hr_41.

I the pattern with the greatest -Oak Mater Elevation> for this ensemble is storm in fature mass: ECW_1Opst_3hr_1Op.

ARF: 50 - Max Nates Elevation (n)

Carried to the contract of the contract of	REAL PROPERTY OF THE PARTY OF T	THE RESERVE OF STREET	***											2
Ensemble name	Storm I	Sterm 2	Storm 3	SC688. 5	Storm D	Storm 6	Steen 7	SCORW S	Steen 5	Storm 19	Average	Std. Dev.	Nedlan	1
	NAME OF TAXABLE PARTY.				*********			***********		THE RESERVE AND PERSONS.	ER * 2 E D D D D D D D D		***********	·
ECN 2prk_10min	24,5577	9.5000	3,9983	5,8557	34,65537	3,3559	01-8887	2.9345	7-2570	2.9354	3.8589	6.5000	By Frank	1
ECN 2pct 12hr	Sc 2213	4.9650	8.0499	6.3760	6700033	8.2960	6-2968	4-4255	8-4160	6.00000	8.53388	DF7870	8-7539	j j
ECN_2pct_itein	8,6722	0.5339	4,0781	5.0300	8.0FX2	9.2389	4.2702	G-19723	4-5957	G-6732	4-9730	30,85915	4.6569	1
ECN 2pct_18hr	8,3426	9,1999	2,2510	8-3300	8,5042	8.3953	4-2619	4.5200	4.2909	4 -28 - 9	4-2123	0.3636	4.2847	1
ECN 2pct 1 5hr	0.8949	4,4584	4.4082	843323	4.4001	0.4277	4,2998	4,2391	9-9229	0.8216	4 - 20 - 0	0.0105	4.0572	
ECN 2pct Thr	4.3591	9.3635	8,3623	0.2545	企业 。3597年	414 300 57	4.8450	0.3554	9.3536	0.2244	4,5571	00,0000	4,8568	i i
ECM_2pcs_20min	65。166年月	9,1409	4-1453	4,2499	6.2425	8:8420	4.1450	金、沙布皇帝	6-1488	例由国际智慧	8-1428	10 m (10 6 %)	4.1420	ı
ECN 2pcs 24br	4-2024	9:2258	4,2023	4-4819	8.3203	4,9364	4-20020	d. 44.98	6-0087	福田 制造管管	5-2500	10 - 15 - 11	0.2630	j.
ECN_2pct_25min	8.3935	4.1509	4,3651	0.1935	6,3964	9-1953	6.3537	0.2563	8-3855	8-2988	4 - 1950	64,0025	8.2936	1
EGN 2pct 2hr	6,4269	3.8151	8-0176	4,4133	8.4384	8.4889	4.4118	49.4932	8-2342	0.4500	4.4288	0.0125	4-4171	1
ECM 2pct 30min	61.3286	8,0399	4-2387	4.2000	8888948	4.2242	6.8389	4.2355	4-3350	W-5244	4.8300	(9. 00) A	4.9350	1
ESN 2pgt Ohr	5-0999	9.5079	8,45948	4,3690	\$ STYPES	4.3883	4.8888	0.2502	4.2500	4-4563	4.4560	0.0359	4. 3943	1
ECK 2pct 45sin	4,5186	4,9110	8.35.22	4.5172	8.2259	6.3229	4 - 25.00	40,30000	4.3353	6.3193	4.3828	D. 1018	4, 5000	i
ECN_2pct_4_5hr	Se dada	4-8238	化 。在市场在	90 2000	0.2609	9-28-66	海上原生基础	@x 85 68	2-72-60	4,5152	9-9266	0.0502	0.0250	i
ECN 2pct the	4-5633	9-3375	4.3813	0.3395	8-3639	6-2953	g - 2409E	4-5399	4-3593	8-925H	9.9233	企业资金工作	9.3209	1
ECN 2pet She	8,9156	4.3560	6-3691	4-2922	4.5608	0.6234	4.5528	0.2285	4.3068	4.3713	9-2772	8-2068	0.0061	j.
A CHARLES AND ADDRESS OF A STATE OF THE PARTY OF	ACCUSED AND ADDRESS.	STREET, STREET, SQUARE	ARREST STATE	CONTRACTOR OF STREET	STREET, SALES OF STREET, STREE	CONTRACTOR CONTRACTOR		CHARLES AND A STATE OF THE RESIDENCE OF	THE RESERVE THE PARTY OF THE PA	THE RESERVE AND ADDRESS OF THE RESERVE AND ADDRE			STATE OF THE STATE OF THE STATE OF	

: CRITICAL DURATION: The critical duration for the GR AEF is the ensemble ECR 2ppt 2hr.

I The median pattern for this ensemble is storm J (storm name: ECR 2ppt 2hr_3).

I The pattern with the greatest **GEX** Mater Elevation** for this ensemble is storm IS (storm name: ECR_2ppt_2hr_10).

ABF: 50 - Max Maser Elevation (s)

Ensemble name	Storm 1	Sterm 2	Storm 3	Sterm 6	Storm 5	Steen 6	Stem ?	Storm 8	Stem 9	Storm 35	Average	Std. Day.	Heddan	PARTICIPATE PARTIC
ECN_Spot_10min	2,8939	8,8891	3-8909	9,6595	8,9992	2,9192	3-8994	2,6692	5,8609	2,9515	3,8993	0.5559	8,4660	
ECN Spot 12hr	6-2983	9-4955	8.1599	4, 2929.	4,2082	4,3399	4.2390	47.2850	W-3350	3-2958	6-3520	0.0935	4,29005	
ECN Spot ISmin	3,3594	9.8956	3-0982	2,2970	20,0991	5.9968	3,0963		E-9535	3,9976	5.6586	0,5099	8-9988	
ECN Sect 18hr	4,2048	8-5596	8.5490	4.0893	8-9799	4,2556	4.0079	4,6552	8-1160	8-2950	5-8767	0.8988	4,4547	
ECN Spot 1 5hr	4,3216	8.2829	4.8249	0.2895	8.29993	8,3120	4.9003	0.0629	4.25.60	643255	8,5640	64.64.72	4-2036	
ECN Spot lbr	8,4283.09	9.2500	4.2528	9,0000	6-2019	8×2871	4.0795	4-5825	4.2882	8,0799	9,5650	Di-0256	8-2659	
EUN Spot 29min	8.6855	2 065.8	0.0575	61,0500.20	8.9672	0.49870	0.0498	0.9838	2.0679	01 64440	6-10865	0.0013	41, 630630	
ECN Spot 24hr	8.5899	3.7921	4,3911	2,9278	4.2216	A-6953	6.400.76	41,400,000	8-0500	0.0328	8-19-33	61-20108	4-5680	
EXN Spot. 25min	4.2550	4.3350	4,5120	4,3357	8-3129	4-3966	4.3365	41.2250	9.1800	8-2265	4,2340	0.0899	0.4850	
BON Sect 2hr	6.3880	4.0000	8.2710	4,2393	6.2889	4,35000	4,3099	41, 35(35)	4 - 325 6	(6) 222-636	3 28330	0.83953	4.83573	
BON Sect Number	8,2489	4.5350	8-7499	6.3596	8-5508	8.3517	4.2518	4.7050	9-3328	6-9520	9-5525	69,092.8	2.3323	
ECN Sect Shr	6,2946	6.3500	8,2951	40 - 32 - 59	6-2597	4,3550	4.3799	0.9550	8-2672	0.2643	8-5057	9,0352	8.3666	
ECN Spot disking	4,2198	9-5225	4.5278	4-2261	4-23(69)	0.2233	4.0208	4-2269	4.2266	86.82.25	8.3255	0.0325	0.2300	
ECK Spot 4 5hr	4,2882	4.5550	4,3504	4.3614	8,0659	表。这种研究	4,8192	0.2342	0.3393	0.3986	6.3357	0.6570	4-3265	
ECN Spot She	4.4287	9.2653	0.2932	4.0320	2.9499	41-29-53	4.2522	4. 2903	8.3694	40, 20, 25	8-5118	0.0063	0.0005	
BEN Spot She	83593	9-3475	4 , 32 38	4.2839	8 -098800	4.2353	4.3985	4.05566	4.3235	4.2391	5-273A	0.3483	4.2670	

| CHITICAL BOOATION; The critical duration for the SC AEP is the ensemble BON Spot Thr.

The median pattern for this ensemble is storm & (storm Aue; BEN Spot Mr.)

The pattern with the greatest CHAN Hater Elevations for this ensemble Is storm 10 (storm name : SCH_Spot Mr. 10).

AEP: 63.2% - Max Water Elevation (m)

200		of a normal or a s														
8	Ensemble name	Storm 1	STORM E	Storm S	Sterm 3	Stome S	Storm 6	Stem ?	Store 8	Storm 5	Storm it	Average	Std. Dev.	Nedlan		1
200			CARL COMMISSION CONTRACTOR			A STATE OF THE PARTY.	entire transfer and the second	****	CONTRACTOR OF THE			COLUMN TO SERVICE AND ADDRESS.	minument with the later than		ment in minery trainment with the street,	(B)
1	ECN 63pct 10min	3,6633	3 - 66 9 5	8,6685	8,45639	8.8638	3.8552	3-4636	2,9683	8-9603	2,9550	3 - 8693	9,5500	2 < 6002		ŧ
1	ECN 63pcs 12bc	12 a 1800 a 19	2.8549	2,2033	3.2592	9.7748	3,7430	3,9567	2-9677	8-81-65	3.5255	3,8525	0.0000	8,9389		j.
1	ECN 63pcs 15min	St. 1200 X	0.7283	SATES	2 10000	20.7288	3,3265	32,7286	30.30378	3,7262	Sin TENT	3 - 79064	69, 93, 516	8-7247		1
	ECN Sipcs 18hr	9,7699	3.7389	4.6299	3.7250	2,6943	3,7020	2-7455	2,6772	2,791.6	3.62.66	3.7220	E4-2051	7-7202		1
B	ECN 63pct I 5hr	0.9859	3.6359	9.3695	3, 2392	5,6446	3.9289	29+9330	31.93.53	2-8435	3,8554	2.8356	0.613%	3-2050		ji.
ı	EGN_63pct_1hr	2.8143	3.8979	3.9089	3,3124	3,91,50	3.3113	2,8129	2.9407	7.3202	9-9049	3.0000	07020	3,9125		1
	ECM 63pet 20min	37,7733	3.7738	3.7533	3,3690	35.77933	3.7723	2) 4853	2.7734	3,7700	35.7221	2.7722	0.2510	3,7702		1
	ECN 63por 24br	8,6276	3.5834	3.7891	3.8728	2,6357	3 : 5650	27.6623	7.7372	8.7032	2.5517	3.5938		3.6926		ji.
	ECM_63pot_25min	2-9949	3.8930	9*5065	3,2943	9,9659	3,9941	8,8543	3.9000	0.8099	0.5923	3-9957	0.9012	3.8752		ı
	ECN 63pcc 2hr	0.5121	3,9008	3-9626	3 4 60 2 9	2,3676	3:7250	27.2426	Da 98 22	2,9569	3,627E	5-5609	0.8177	8-2200		ŧ
н	SCN SORCE SORIES	3,6255	51.85000	5.8323	3-9519	9-8292	3,6394	9,8398	2 × 150,010	9:8236	8.6831	5.9500	0.2000	3:8399		1
R.	SCN_63pcs_She	3,9527	8.6030	849273	82.8065	3,8638	3,9382	2.999.93	3,5200	3.3957	3.9632	5.2350	0.0058	7.0300		ŧ
В	ECH Sipot Sinds	296458	9.5000	3-6790	3.8225	2-2827	3.9932	3,3637	24. 2042.5	2,0820	2,9423	278855	10-6016	2.8837		ji.
1	ECN_SOpot_4_bhr	31-00062	3.9738	2,4688	X28363	37,381530	2.0963	25 - 628 4-6	31,94399	5.8525	3-3456	3/5/3/2/25	的。 發發 新台	26, 97050)		1
1	ECN_63pct_6hr	0,9000	0.30128	0.8742	37.98833	3,4533	3:4527	2.8512	2,9270	2:8522	3.3500	3-3725	0-9246	2 - 100 - 100		Ŗ
	ECN_63pd%_Shr	3.5293	员不得其法型	3,5333	84 7190	2,0760	3.9334	2-3703	36.7357	378083	27-6542	8.8819	BL 8576	8.8742		ı

| CRITICAL BURATION : The critical duration for the 69.25 AEP is the ensemble BCM_63pct_Zhr.
| The median pattern for this ensemble is storm ? (storm name : ECM_63pct_Zhr_7).
| The pattern with the questest CMAX Mater Elevation's far this ensemble is storm ? (storm name : ECM_63pct_Zhr_5).

Page 464 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze IOSO

Summary informations

Total No. of Ensembles: 532 No. of Storms per ensemble: 10 No. of ADP Ganda: 7 Object Name: 01uf Result type: Max

1	Ensemble name	Storm S	Steen 2	Storm S	Storm 8	Storm S	Storm 6	Sterm ?	Storm 8	Storm 9	Storm 10	Average	Std. Bev.	Hedian	
E .	EGN 0.557 15860	5,7540	3.7843	3,1543	8.7968	3.7891	2.3643	3-7863	3.7539	8,7987	3.7842	9,1988	0.6805	3.7942	1
	ECN 0.387 1287 ECN 0.287 15836	0.8202	0.1002	8,0000	4,6596 8,6797	9,9000 9,6741	3.9396	3,2565	8.8598 8.8739	0.0919 0.0767	8.26743	0.9688 3.8757	9,9567 9,9568	8.9766	1
i	ECN 0.010 1950	8,6268	8.6590	4.5936	2.8650	BANDE	3,0360	3,3566	2.2427	8,9005	8,7901	3,3594	0.2060	8-5066	
ŀ	CON O. SEV 3 Since	AL2574	9.1578	0.0918	8.0450	9.1521 8.1130	8. 3.123 2. 3.197	4.3333	40.000	G-1000 9-1000	ALBORO ALBORO	4.1537	0.0001 0.0005	8-2398	1
i	ECM O. 727 SEMBO	5, 9548	3.3354	2,9350	3.3260	3,6359	0.9024	2,0365	3, 9358	5,9989	2,0358	3.0350	0,5000	3,9330	
Ĭ	BON G.DET SALE BON G.SEY PERSO	3,7993	3,0795	3.0503	4.4828 2.9784	9,9929	3,9945	2,8742	3,9319	2.8268 2.8268	3.7152	8,8991	0.9055	2,9997	
i	ECN 0.3ET Dick	6.2100	4-1190	8,3212	4,1560	8-1897	0.0860	4.4568	4.7555	8,1720	9-2243	4,1800	0.0245	4-1588	i
1	BEN 0.257 354	4.2550	9.8135 9.1353	0.0135	4.0100	4,1910	0-0100 A,2480	4.1122	4.2256	9-9130	4,5866	4,0330	9,1915	4,1585	
i	ECH OTHEY ASSESS	646975	9.577.28	4.8729	0.98756	4.6736	8.0735	4,0767	00 - 003 300	4,6789	40077	4-6753	0.0320	2,5399	i
1	ECH 0.20% 0 5%c	0.2357	9.0006	8.6789	4,0200	4,0023	0.5495	4.0799	4.3536 8.1938	2.5584	6-2738 6-2738	4-2374 4-2655	61-6467 61-5462	8.1950	10 8
i	ECN 0.255 Sinc	4.2018	9.0250	4.9922	9,3235	4-1328	0.1862	8-2035	0.0050	0.0688	49.05.96	5,1757	0.6760	0.1079	i

CRITICAL BURNATION: The critical duration for the 0.257 AEP is the ensemble BCN 0.257 Ehr.

The median pattern for this ensemble is storm ? (storm name : BCN 0.257 Ehr. 3).

The pattern with the greatest -GGN Hater Elevation for this ensemble is storm 5 (storm name : BCN 0.257 Ehr.).

	WEST 0727	- Max Wate	or Elevation	(m)											
100								Den end ex even			00 h W 10 0 H 10 H 10 h 10 h 10 h				
1	Ensemble name	Storm 1	Storm 2	Stome S	Storm S	Steem S	Storm 6	Storm 7	Storm S	Storm 9	Storm 10	Average	Std. Dev.	Hedian	
ы															
н	MON 0.9ET IGEIN	0.3369	0.7293	3,7903	9.7859	307298	3,7297	2,7255	2:7955	5.7238	27.79556	8.78899	0.9802	2,7190	
- 8	SCN G.SEY LINE	3,6368	0.02220	4,1164	2-0203	3.0933	8:6250	200423	0.0186	2,9227	6.9399	5:8522	0.2223	9-9132	
Ü	ECH 0.58V 159Ac	3-1968	8 x 785.5	3.7865	3.7658	2,7962	3.7962	2,7583	27, 119(6)	25.7562	36,75963	3.7962	10, 100.04	3.7562	
ij	BOM G. SET INDE	9,9924	0.8257	2-2562	8.8359	3,7585	3.37.25	0.8299	3,7563	5-7886	3,6865	2.3254	而。文章有名	3.9646	
ï	ECN 0.507 5 55e	4.6533	0.9303	3.2930	0.0575	8.5935	B-855.0	4-0294	81.0343	0-050a	8.2576	4-9324	10,0170	0.0323	
ı	DON OUSEY TOU	8.9893	8,9007	0.8050	8-9675	8 ,109 (72)	8-6949	4-9078	8.8823	9.0058	0.0050	0.00000	0,0000	0.48600	
- 1	ECM OTSEV FORES	因。明確保的	0.9890	3.8497	3.8496	2.6435	2,0464	2.8699	25,527.94	20,8458	河上海星至底	35.35年19	0.63165	N.2623	
- 8	ECN 0.027 1450	3,4873	3,7588	2.2191	9,9961	2,3655	8,7340	21,758%	2,6226	857957	10 - 6 F 2 F	3,7760	0.3055	2.7620	
- 1	sew O. Ser Massa	820883	0.5550	3,8276	3:2973	9.8859	3,9946	2:9889	2-6272	5-0032	3,6845	348889	0.9919	2,0000	
- 1	EEN D. GET SEC	9,0005	9.0130	9.8038	9.2673	6,0999	9-5920	4.46645	47.62.42	4,0562	8,6665	8,0390	0.0212	0.0646	
- 8	COM OLSET BOXES	3.3975	3,3179	3,2176	3,9170	9.0589	3,3000	2,2179	2,9162	3-5190	8,5165	3.3176	6-6959	3.8170	
Ü	EEN OLDEY SEA	8-8350	4-2135	8,0000	8-9626	4.9699	4.5304	8-9518	0,6462	9-9723	0.0653	4.9380	Elministre	2.0557	
- 11	ECH O. SER CONDO	0.5752	05:8700	8.9734	3.9236	848784	35,6242	25 - 577663	20.9770	3.9754	25-57-62	3.9789	10-9010	2,8745	
10	MICH OLDER & DESCRIPTION	4.2000	5.89074	3,9611	3:9697	0.0057	3.9928	8.0250	8-9314	0.0048	O-BETTE	4.0268	0.0925	4.0155	
- 1	ECN 0.DES CAR	8,46859	3,3995	3,5972	3. 25660	0.9497	3.9444	3-5578	80 TAN	7.5463	0.0298	3.9700	(0) 455 576	3.3825	
- 6	\$500 TO 1000 TO 1000	30 - 60% 65%	S mession	3 0300	A. 6559.5	S SSC\$3	27 7882570	93 - 700 575	9 (00.00)	20 ZAX 0	90 HBY RESO	75 GHERS	(B) - (Tall (C))	5 3775	

CRITICAL DUNATION : The critical duration for the G.SET AEP is the ensemble EEN G.SET PAT.

CRITICAL DUNATION : The critical duration for the G.SET AEP is the ensemble EEN G.SET PAT.

The modilar pattern for this ensemble is storm 7 storm name : ECN G.SET PAT.

The pattern with the greatest GRAM Mater Elevation for this ensemble is storm 3 storm name : ECN G.SET PAT.

AEF: 19 - Max Mater Elevation (m)

Parison		THE PARTY NAMED IN	OCCUPATIONS.	STREET, SQUARE,	CONTRACTOR STATE		STREET, STREET	**********	Cinick Triple	CONTRACTOR OF STREET		CARLES CONTRACTOR		rinching and a second	endelminimum en	(A)
B	Ensemble name	Storm 1	Storm 2	Storm S	Storm 4	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 50	Average	Std. Dev.	Nedlan		1
FRANCE	REAL PROPERTY AND A P	TERRETARA TERR	TARRAGE STATE	PERMEARITMEN	WITE THE REPORT OF THE	SERVICE OF THE SERVICE OF	NAME AND ADDRESS OF		NOTITION PRICES OF A		REFERENCES	CARROLANA AND A	02835322222000	REPRESENTATION		É
	DON ipct limin	0.0000	9-9999	8.0085	6 \$616.0	4.0933	8.9857	4:0039	41.9587	4.0047	9.6236	0 = 0.02319	(F., 45) (F.)	6.0000		1
1	SCN Ipcs 12hr	8-4423	4.9635	0.3284	0.2941	8,6679	9.2539	6.3852	0.6389	8-8559	2,5968	9.26793	0.2268	4.4549		1
8	ECN Ipct 15min	0,2201	0,1230	8.11.43	2.7550	V-3200	4-5296	8,2198	9.3211	4-1399	0.2150	4-1197	01-005K	9-3950		ľ
10	EGN 1pct 18hr	6.3848	8:3639	0.0429	4.8099	4.5753	6,3883	4.05048	4,8990	8-3812	8-2974	4-6917	29, 239-22	4-2334		£
1	EGN Ipct 1 5hc	8-8553	4.4833	· · · · · · · · · · · · · · · · · · ·	0.8866	图。4号59	4-5350	0.4761	例如何在答問	9-4015	6.0327	4-0750	0.0140	0.0369		1
	EGN_ipct_lhe	8.4258	9-2295	4-4288	4.4760	4.2257	6.6296	4-4500	40.4532	8-4250	6-4808	4 - 40000	9,5552	0-5000		1
1	ECM lpct 20min	8.3548	8 - 8.999	4.5569	Sa 2 3 6 4	展,其是安于	4.2755	4 5 3 5 5 5	44.35500	8-1939	00m2555	从上大型 5次	图 电路径平	9,4550		1
	BON 1pox 24br	8,4059	8,8865	8-4555	6.3350	6-6252	9,4988	4 - 3600	9-14-15	4.0930	0,5459	4.2370	(0)和150年(3)	4-3387		1
	ECN ipct 25min	9,3498	4.2237	4.2518	4,2500	4.2529	8,2260	4,3566	4.2525	9-2529	6.4822	5-2587	BW815	4-2535		ŧ
E .	ECN Spot She	8.4970	4.4937	8-4894	8-9546	3.4973	8-8885	6.46000	4.3953	0.5039	465177	4.6923	6.51.05	4.9663		j.
N.	ECN_1pct_30min	6.2663	0.2804	8-2023	8-2500	4.2599	用。随意强制	0.2222	· 中国	V-299.3cm	01-20030	8-2947	(i) (ii) 12.54	4.7500		ŧ
8	ECN IDCS The	8-5095	2.9372	6.0267	0.6580	6-4570	0.4658	4-8798	86.8863	0.6575	9-5000	4.4000	0.0302	4-35-5		I
1	ECN_lpot_dSmin	8-3889	4-9759	6-35-55	Sec. 27.32	8-2728	0 - 3758	4,3650	등 기계 등 등	4-31-30	4-200 E	4.2737	0.0253	4-3759		£
	ECN ipot & She	8,5399	4.2002	8-8748	8-8635	3.8308	6.8593	8-8878	4.2036	8 - 8 3 16 11	8.5768	4-9997	6-6498	8-4950		1
	ECN 1pct 6hr	8.6168	0.0857	6-5655	4-82-51	9-4519	0.0003	8-8001	9-5988	6-9395	0,5542	6-5000	무도성주선당	8-8827		
	ECN_ipcr_9hr	8,4995	4.8426	4,3597	4.5955	4.4226	4.5547	A SEELE	4,5000	8-8927	8.4801	4.4562	0.5342	4-4392		ı

CRITICAL DURATION: The critical duration for the 10 AEP is the ensemble ECN 1901 4 5hr.

The modian pattern for this ensemble is storm 0 [shorn name : ECN 1905 4 5hr 0].

The pattern with the greatest **MAX Mater Elevation** for this ensemble is storm 50 [atorn name : ECN 1901 4 5hr 10].

NEE's	Notes:	_	Men	Stringer	Elevat	i com	2-5
5467.1	250		Main.	MOVER	PIGARC	1.040	4114

(Figure	SEE AND ESTATE OF SERVICE ASSESSMENT			SECTION STREET, STREET	OR AREA DESCRIPTION OF THE PARTY OF THE PART			OTTO STATE OF STATE			STREET, STREET, STREET,	ENGINEERING SAL		SENSORE EXPERSE	CONTRACTOR OF THE PARTY OF THE	
	Encemble same	Storm S	Store S	Storm 3	Stops &	Storm S	Storm 6	Storm 7	Storm S	Storm 9	Store to	Average	Std. Dev.	Median	l l	j
Page	account to the contract of the contract of	cycles and a second second	AND RESIDENCE OF THE PARTY OF T	automatica de la la completa de la completa del completa del completa de la completa del la completa de la completa del la completa de la com	ensioning minimum in		areoutenasiesen	SOLICIST REPORT REPORTS	enforcemental encodes	were the factor of the factor	energies although for	NAME OF TAXABLE PARTY.	CONTRACTOR AND ADDRESS	and the second second	energy and community and personalized	
11	CCN_10pct_10min	3.6326	3,9229	3.6326	8.2323	9.8337	3,9243	2,8368	3.4333	2,0330	0.0023	2,8530	69 x 50000 W	8.0358	1	į.
ži.	ECN 10pcs 12hr	8.3222	4-3589	4.6919	8.1130	2-1078	8-0274	H-2106	4-3633	0.0099	0.2277	6.5999	0.6835	a. 5392	l l	i
1	EDM 10pct 15min	3,9817	3.5336	3.9914	3,9335	0,9320	2,9339	20, 8532	3,7994	3-0326	2.9366	3-8337	D. 1600.6	3-1500	1	į.
R .	ECK_10pct_18hr	46.0250	9.0555	0.2311	8,6775	6-3538	0.0005	0.9956	3,0000	0.0216	Custos I	2-8789	0.0848	0.0399	I	i.
1	BGN_TOpot_I_Shr	5-2000	9 - 20 00	0.6183	4,2025	0.2062	8.3288	4-2138	0.2665	4 - 23223	5m2425	4.3311	0.6168	2-1925	1	į.
	ECN_10pct_lhr	8-2215	9,1900	0,1991	4,1952	4,3934	0.2872	4,5823	W-1855	4-1819	6.2000	4-1850	9.8086	8.1816	1	ı.
	ECM Sepot. 20min	3.9981	3.9587	2.9988	9-9994	5.5692	3,7097	0.9986	349398	2.3990	3,5963	2.9988	81.8895	3 - 9 99 7	1	į.
	Eth lopet 24hr	9-4278	3.3288	0.6892	3.3020	3.05.35	3,9860	6.5555	3,0000	1-8888	3,5895	4.0220	00-1238	3-9899		į.
8	ECN 10pct 25min	848848	9.0859	46.55	4.7635	8-0425	0.6463	图 公司和 医克	40.9955	8-9647	6.2453	4.9658	6.3016	4.0450	1	į.
Ħ	EUN 10pcs 2hr	0.2340	2.2290	4-2979	8.1989	6-5820	4-9359	0.2850	(B - 2) 4 (B)	8-2400	002601	47 - 20 20 00	0.5214	0.3419	1	į.
R	ECN 10pct 30min	6,6776	9.5750	8-5775	9.47792	6.9789	8-9864	0.0005	8-9756	9-0812	S. 68 65	6:0202	64-18925	8-0798	ì	į.
	ECN 10pct like	8,2850	9,3098	8-2863	8.2554	0.0606	6,2056	8.2827	9-2049	8.4779	0.2771	8-2849	0.18588	4.1752	1	į.
	ECN_10pct_45min	8-1851	4.1470	6.3489	8,2450	6-2383	0.3495	4-2555	40.34	8,1808	에는모속된건	4-1479	8.6029	4.5483	1	į.
	BON 10pot 4 Shr	8,1980	4.1119	4.2024	4,8429	9-3729	4.3000	4,2030	4-2600	4.8610	8-2366	4.2328	0.0938	4-7290		į.
	ECN 10pcs 6hr	No. 3722	4 . 1.769	0,5961	9,3442	8.69,60	国。现以使有	4.8766	4.2850	4-2934	(1) a (2) 5 (5)	0.2149	2.2676	0.1999	i i	į.
	EEN 10pcs, the	46-039-03	8-2873	4,2051	4,719	6-2035	6-2794	4-1852	9,3252	9-2223	41.000	£ . 1.75%	Dr. 18235	4-4856	1	į.

| CRITICAL RUMATION: The critical docation for the 200 AEF is the ensemble ECR_10pct_thr.
| The median pattern for this ensemble is storm of twore name: ECR_10pct_Rr_41.
| The pattern with the grosbert -Our Mater Elevation> for this ensemble is storm in fators name: ECR_10pct_Thr_10p.

ARF: 50 - Max Nates Elevation (n)

(%)		STATE OF THE PARTY.	THE RESERVE OF THE PARTY.												Company of the last of the las
- 1	Ensemble name	Storm 1	Sterm 2	Storm 3	SCORE 5	Storm D	Storm 6	Steem 7	Storm E	Steem 5	Storm 19	Average	Std. Dev.	Hedlan	1
(2)		NAME AND ADDRESS OF TAXABLE PARTY.	***********		*********	**********			**********		THE RESERVE AND PERSONS.		DOMESTIC STREET, STREE	***********	·
. 8	ECN_2prk_10min	2,5355	9.2557	3.9501	5,9985	3-5546	3,9547	01,8845	27.0560	7:3550	2.9543	35 MSE 0	6-8064	2,7585	1
	ECN 2pct 12hr	S. 242.3	4:2679	8-2418	6:3960	6,6202	8.2043	6-2369	4-1838	8-9312	8,5292	200000	图与显著图像	8-37-51	j.
- 8	ECN_2pot_itein	8.4989	0.9890	4,8880	5.0569	0.0699	9.9877	6-9672	8-6663	8-8889	0.3672	4.0550	20,000,00	0.0000	1
- 1	ECN 2pct 18hr	8,2510	4.1752	3.5489	4-0669	6,5633	6.0022	4.2398	0.5860	4.1580	4日日日刊日日	8-9295	0.7923	4.2853	1
- 1	ECN 2por 1 5hr	0.5832	4-4132	4.4976	4,3796	8.4049	0-4354	4,2991	4-2937	3-5250	0.0222	4,4065	8,8456	4.4559	1
- 1	ECN 2pct The	4.3575	4.3503	8,5618	0.0520	0.0060	41.3522	4.8499	0.5528	4.3563	0.5557	4,5555	(i) , (i) (i) (i)	4,0550	1
- 1	ECN 2pcs. 20min	4-1388	4:1402	4.8388	4,1289	6143364	6,8399	4.1400	4.3720	6-1328	40-3430	8-1720	10 × 100 ft F	4,1550	1
- 1	80N 2pcs 24br	Sec. 25007	9.2200	4,350%	0-0949	8.5387	4,0104	4 - 63 74	(d) a 45 15 15 (d)	8-9000	· · · · · · · · · · · · · · · · · · ·	4,2990	8-1155	0.1500	1
Ħ	EUN 2pct 25min	8.3969	4-1364	4,1025	4.3930	0,1939	0.2927	4:2022	0.4638	5-1631	3,2500	4 - 1729	0.0010	8,2930	1
- 8	EGN 2pct 2hr	0.4254	2.6007	6-4267	4.4517	8.4150	0.3990	4,4897	46-42-50	0.4229	0.4487	4.4607	0.0545	4.4250	1
- 1	ECM 2pct 30min	44-3242	8.2349	4.2335	4,2015	A . D2018	4.2230	6.23399	4,3657	4.5320	4-2323	4-2910	9. 364 8	4.9335	1
- 1	EGN 2pct 3hr	6-4466	9.5999	8,458.6	4,3555	4.2763	0.8000	4.8922	4.3885	4.9889	4.0673	8-4500	型。 及經過人	4, 55 90	1
- 1	ECK_2pct_45sin	4-3168	4.3170	8,3106	4.2256	8.3152	6.3023	4×2047	42,5000	4.9505	0.3509	4.0027	(A) (C) (B)	4,00000	1
- 1	ECN 2pct 4 5hr	5-5626	8-8240	表。2010年	9. 5234	0.2588	9-3553	4 .4258	@x 92555	2-8150	和 为2000年3	9 - 95 50	0.0502	0.0020	1
- 1	ECN 2pct the	6-5620	6.3560	4-3759	0.3500	8-3618	Win 2012 201	4-2626	4-5344	4-3577	0-4215	9.9260	和。1886日	8.25%	l l
- 8	ECN Spet She	6,9068	4.3552	6.9671	4-3743	4.5583	0.6221	4.5520	4,2263	4.3030	4-5695	4.9780	07-20-23	0.3628	i i

I CRITICAL DURATION: The critical duration for the GR AEF is the ensemble ECR 2pct_2hr.

I The median pattern for this ensemble is storm 3 (storm name : ECR 2pct_2hr_3).

I The pattern with the greatest clark Mater Elevation> for this ensemble is storm IS (storm name : ECR_2pct_2hr_10).

AEP:	58)	Max	ida.	662	E1	85	acton	683
							www.co	

Ensemble name	Storm 1	Sterm S	Storm 3	Sterm 6	Otom 5	Stern 6	Stem 7	Storm S	Otem 5	Storm 18	Average	Std. Cev.	Hedian
ECM_Spot_10min	2,8658	9.9985	3-6866	9,6583	8.8971	2,0862	3,8882	2,6869	8,8889	29-0600	3.8572	0,9508	8,989,9
ECN Spot 12hr	6,2966	9-4692	8.3878	4, 2890	8,2057	6-3293	4.2877	4.2893	8.3288	8-2997	6.1200	9-3959	4,3990
EGN Spot ISmin	3,8929	9.8950	3-9938	2.0551	35,6557	5.0964	3,6987	25,9546	X-9930	2,9952	3,8999	0,5009	K-9950
ECN Spct 18hr	6.2816	8.5505	8,2425	Q. 135035	4,9886	4,7990	d-8895	0.6720	8-3120	8,2925	5-5610	0.2344	4,4596
BEN Sport 3. She	4.0220	8.2855	4.8235	41.2836	8.2878	8.3032	4 - 2293	0.5999	图、图片体制	Gm35347	4.3623	89-53-76	4.0039
ROW Spot like	81-127 OD	9-2259	4.2607	4,5500	4.2599	8,2952	4.2526	0.0506	4,2422	8.40740	4.5622	0.0036	8-2885
ECN Spot 20min	8-8822	8-0653	4,0633	0.0534	6.09.69	9-96-97	4.0638	0.0000	9.0000	0.0029	6.0633	0-6023	6,0056
ECN_Spct_24hr	8,5047	3.7902	4,3986	2.9257	4.2000	취급원원관점	4.4060	0.2758	9-31134	4-6933	4-2620	0.2052	4-5636
EXH Spot Finish	0.2110	4-23559	4-1089	9,2033	8-1091	9-8835	4.3128	41.2222	8.180%		4-1000	BL 5057	0.4320
ECM_Spct_2hr	6.3566	4.0009	8.2732	4-28-30	C. 2313	6.9855	4,3988	01 m 180 m 180	4 - 32850	49 at 1870 1870	2-3160	0.03204	44,0004.9
SUM Spot Simin	A. 2055	47.000.00	8,9468	6.1875	8.3978	8.1497	4-2688	40.2456	3-2558	6.8450	4.2699	69,09539	2.1.110
ECM_Spot_Shr	6-2529	0.2993	Sa2993	80 a 27 8 5 8	4-2972	9-2000	4.5353	9-38-2	8-3609	3,5522	8 - 2350	80.9559	6.2617
ECN Spct. dbmln	0.2278	9-9268	8.5555	4.2238	4 - 3222	0.2252	4.0500	4-2998	8-2243	Sales II	4.0219	(0) a (000 0 5)	9.2397
ECK Spot # 5hr	4.2885	4.3568	4.3488	4.3298	8.2642	0.0922	4.0122	0.2024	9-3376	0.3867	4.3299	0.4552	4.3250
BEN 5pet She	4,4233	4-2994	4-5433	4-2102	4.8472	4-3992	4-5705	4, 3633	4.2025	$40_{\pm}3091$	8 - 55 50	0.0000	4.8957
ECN Spot She	8.2538	4-2456	4.32.35	4-2527	8-2003	4,2534	6.30000	4-2372	4:3280	8,9366	6 - 379(4)	0.3485	V-2659

| CRITICAL BURNTION: The smitical duration for the SO AEP is the ensemble DEN Spot Dhr.
| The median pattern for this ensemble is storm ((storm name : BEN Spot Dhr. 4).
| The pattern with the greatest CHAN Water Elevation for this ensemble is storm to (atorm name : BEN Spot Dhr. 10).

AEP: 63.3% - Max Water Elevation (n)

Sween		MARKET BARRETT													
8	Ensemble name	Storm 1	Storm E	Stom S	Sterm 3	Stome 5	Storm 6	Sterm ?	Storm 8	Storm 5	Storm 10	Average	Std. Dev.	Nedlan	Į.
Comme			CAMPINE STATE OF STREET			ARREST MARKET PROPERTY.	THE RESERVE AND ADDRESS.				********	COLUMN TO SERVICE A SERVICE DE			
1	ECN 63pct 10min	3,6608	3-8932	S=660.2	3 - 1-107	8,8899	3.49008	3-4632	2.9505	8-5610	2,6600	3,8609	9.0002	2.4609	
	KON 63pch 12bc	2,8028	9.8F28	3-5910	3,30,90	9.7529	2.7692	30.9574	25-2554	第一张主电池	3.9278	St. 185000	0.0852	2-10-07	1
i	ECN 63per 15min	0.7248	3.7260	19 x 92 68	8.7256	2.7269	8.7268	8,9263	3.3254	3.70238	St. Tares	3.7259	0,3039	8.7356	į
i i	ECN Elpcs 18hr	9-7070	3.7362	# 18270	3-7359	256020	25 - 945 965	20 - 154000	25, 4054 6	2,4933	2.6275	3.7260	61,2850	2,7070	i
8	ECN 63pcs I 5hr	0.5036	3.5350	8.3003	3.9378	5.6426	7,9566	29-9308	3.9933	2.8475	3,9536	2.8528	5.5139	3-2336	i
1	EGN_63pct_3he	9,9200	3.8952	3.9658	2.9200	3,92,07	3.9950	2,8100	2,9685	3.2079	9-8329	3,5900	070235	3,9393	j
1	ECM Sapert 20min	0.7710	3.7703	3.7719	3,7635	3,7713	3.777.9	2-4542	2,2752	3,7591	D. THIE	2,7200	0.0016	3,7769	1
1	ECM Sipor 24br	5,6124	3:5503	3.7328	3:3750	3,6693	3 - 6633	2.5757	73.02	8,7530	2,3385	3,5956		2.5550	j.
1	ECM_63pot_25min	0.6646	3.8099	8-8063	3,4540	978638	3.3572	8.8923	2:9047	3,6403	0.9933	3-9536	0.0011	3,8509	j.
1	ECN 63pcc 2hr	初上为主发出	3-5070	3-2207	3.5050	8,0493	3:7257	20,0000	9-9126	3-3549	3,6596	3-9309	20,2276	8-2415	
1	SCN 63pc% Steam	3.0000	51 - 9505-2	3.8301	3. 11254	SHEEVE	30,00000	9,8337	35.50164	9-9374	河。直接展展	5.9680	61, 2000,0	2-8296	1
1	SCN 63pcs 3he	3,9806	8.3069	849289	No 90-99	3,9618	3,9503	20.00000	2,10229	3.9895	2.9635	5 - 5 57 6	0.0287	3.9399	
В	ECS 63pot 85min	3,6908	55758	3-0773	5. 8885	27,38807	3,9703	3,8818	D-8807	5,4950	3,8693	529850	10 c 65 6 10	7 - 8505	j.
N .	EGN 83pct 4 5hr	7,9989	3,9933	8-4600	3,9556	35,8139	2,8863	0.7218	3,9277	3.8294	3-9423	9 - 98090	0,9955	2.9020	ı
H	ECN_63pct_She	0,5062	经上海汇票的	3.8713	3.28833	9-4673	2.0495	2.6500	3,9058	2:8562	2.9341	3.0734	0-9867	2.0030	
1	ECN 63pot 5he	3,5463	0.4102	3,9948	3,2575	2,0741	3.9382	2,3699	Section 1	2-8897	27-6251	3.8730	0.9592	8.8793	į.

| CRITICAL DUMATION : The critical duration for the 69.25 AEP is the ensemble DEM_63pet_Zhr.
| The median pattern for this ensemble is storm ? (storm name : ECM_63pet_Zhr_7).
| The pattern with the questest CMAX Nater Elevation's for this ensemble is storm ? (storm name : ECM_63pet_Zhr_5).

Page 465 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze IOSO

Summary Informations

Total No. of Ennembles: 532 No. of Storms per ensemble: 10 No. of ADP Ganda: 7 Object Name: Sev5 Result type: Max 0

# Ensemble name	Storm 5	Steen 2	Storm 8	Storm 8	Storm S	Storm 6	Sterm ?	Storm 8	Storm 9	Storm 16	Average	Std. Dev.	Hedian	1
EGN 0.887 15660	3, 1703	2,1700	2,7705	3,7353	8,7793	3,7705	3,7795	3,7773	2,7890	3.7772	8,1000	69.00064	2,7344	1
EEN_0.0EY_1250	8,5721	8-133.85	6.5548	3,9369	8,3899	3,9659	25,150,2,2	48,33564	5.9692	On 3292.0	(2) (2) (3) (3) (4)	2,0000	2-9958	1
got 0,200 ibido		3 4 8 9 9 9 9	2.6498	8.0350	22,4559,21	2-8382	2,5522	8,4996	別と直を見で	2.6584	3.8108	B1 10 10 10 10 10 10 10 10 10 10 10 10 10	2,5500	i
ECN_0.210 1952		8.0060	4.3830	8:8269	2,3675	3.48790	3.9212	31. 32.43	2.9703	2,2766	3,9058	图画系统管理	X12500	1
€CN 0.388 3 55c		0.2573	4.0250	0.0850	第二位的支持	91,9558	8.8559	0.0000	8-8702	80000 FE	4-9545	0.03279	4.0388	l l
NEW OF SEAL ARTS		8.0535	6.8438	8.0900	9.0908	8-0452	670362	0.0168	9:0200	4-6428	0.0395	0,0000	3.8355	l l
ECM 0.352 Spage		3-9937	3.9534	3,9042	248090	0.2929	25-8046	3-9603	2-1085	3,9660	3.8925	0-000%	3.7544	
BON_F-GET_SAGE	3,7630	5.3359	37.05.68	9.0007	S. WEAE	3,8550	2,8843	3.9722	2.8898	3.7955	5,9692	10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 ×	24.84340	1
BON 0.VEY PERIO	3,5195	3,6396	0.5588	3.9387	8,9369	3,9000	20% 经连续基	3.5500	2,5397	2,6127	3-5391	0.0059	5.5550	
ECN_0.2ET_Dir	0.0639	8.8443	0.0589	9.6338	9-6463	9-8555	6.0689	创一位美国的	6.0002	60,0625	4.0549	0.01.63	A-0698	
00N_0.257_39635	3,9653	3.9656	8,5048	3.0038	3,2466	3.9660	2,9945	10.000	2:3562	2,3647	3.9635	0.8863	2-2655	
EUN 0.257 354		4,7520	As5007	9.5450	4.0237	4.9547	6.0998	4-5546	8-2559	0.0243	4.0700	10-8283	4-0672	
ECN 0.327 45648		9.0532	4,027.2	0.9350	4-0121	0.0020	4.6138	07.02.60	4.0140	0.0106	4.9830	0.4019	2,0240	1
■ 60% 0.20% 4 556		G.1129E	0.5056	4.0000	4.0489	4.957.9	4.0530	4.9655	8-07564	4-5621	4.0565	0.0329	4-4560	I I
ECN 0.2EY She		3.6657	4.8359	9,0325	4,0033	0.0000	A "BODKA	3-5245	6.0018	0.0636	5.0254	60, 63320	9-83-10	
ECN_0.222_96c	4.0000	3,0750	8.7589	0.3335	4.6358	0.0954	8-9335	2,3502	6.10000	5.9863	410900	0.75316	0.0346	

CRITICAL BURNATION: The critical duration for the 0.257 AEP is the ensemble BCM 0.257 2hr.

The median pattern for this ensemble is storm ? (storm name : BCM 0.257 2hr. 3).

The pattern with the greatest -GGM Hater Elevation for this ensemble is storm 5 (storm name : BCM 0.257 3hr.5).

AEP: 0.527 - Max Water Elevation (m)

- 1	Ensemble name	Storm i	Storm 2	Storm S	Storm &	Storm S	Storm 6	Storm 7	Storm B	STORM P	Storm 10	Average	Std. Dev.	Hedian	- 1
	SECRETARIST SECTION AND PARTY.	*********		0.00	CONTRACTOR CONTRACTOR	in home is war a place of	and which the state of the		DESCRIPTION OF THE PARTY OF THE						 (mm)/0
- 1	ECW 0.9EY 19Elo	8,9101	8.7197	3,9109	9.7368	307292	3,7303	2.7000	3.7192	5.7500	2.7561	3.7593	0.9303	2,7903	- 1
- 1	BON G.SEY LINE	3.6500	2.5728	4-6922	3-216-5	8.2017	2,9995	27538	0.0293	2,5893	S = 65 EX	5-0160	9.2622	20-10-5-73	
- k	SCN 0.587 1594c	9-7818	5 . 7505	3.7827	3,7600	25-795.6	3.2833	2.7912	3,7813	2:7819	34,783.3	3.7613	D. (2003)	3-7643	- 1
	BON GLOST ISSUE	0.0619	3.8063	4.8788	A. BATTS	0,7973	3,7562	P.ALES	2,6998	8,7769	3,67763	3.3023	0.3058	3,7684	
- 1	ECH O.SEY 3 She	01,, 92 30	3-0790	3-9495	3,3660	27 - 288-210	3.3769	3,3787	249688	3-3995	R-8663	5-0900	10/6133	3.9667	1
- 8	BON O.SET Thy	2.9638	9-9597	5,6596	8.3653	0.5430	3.2635	9.8638	2,9820	5-3685	2,9933	3.7423	(0, 38534)	25:9820	
- 1	ECH O.SEV POSE	31.48293	5.4399	3.4209	3 - 52 90	26-92204	5,8285	9.4297	37, 92,580	2:8262	3,900	5-9259	0.0016	3.9292	
- 8	EGN 0.021 1457	5-6996	5.7299	2,8023	9,5090	3,7570	3.7923	21,7440	2,4010	S. 77 FEE	2.6266	3,7590	0.0018	2-73-97	- 1
- 1	men 0.5er Nacio	0,0635	8.4085	3.8626	3:0102	9.8618	3,8698	9.9693	3.9KI8	2-8500	8.0007	5,5620	0.9035	2.2612	1
- 1	EEN D. SEY SEC	3.9400	3.5857	3,3684	2, 2925	4.0089	2 - 972 14	9,9904	2,2859	0.0000	6,6553	3.8850	(9 . CT E2	9-9-09	- 1
- 8	BON OLSET BOXES	3.46833	3.2250	3,6686	3,8683	9-8438	2,8653	2,4992	3,9586	3.8994	3.6876	3,3950	EL GARA	3,8888	
- 1	EDN OLDEY SER	2,5823	3.6688	8,0197	3.9561	4.0099	3.3899	8-8567	3.9500	9-0108	3-0039	5598377	0.3222	2.9929	- E
- 1	ECH 0.55% SSalar	3.5553	5:3040	S. FE48	2.4000	Sta 1983 113	31,9253	30,00068	36 3357	31,0000	3,9339	3,9369	19, 6023	3,8356	1
- 1	MICH OLSEN & DOOR	化。但然而在	2.0027	3,3297	3.7238	3.3603	3,9541	3,2780	0.0303	2.3628	3-3332	353676	10 100 1.10	3.5639	1
- 1	ECN 0.522 EAR	3,9635	8.0730	2.9378	3.7600	3,8222	3,9000	To BLEE	2.5807	0.9550	3.592	3.8347	0.9855	3,3253	- 1
	DON O. SET SEP	0.5587	9.8333	3,9924	4.0103	2.9379	2.3077	8,6223	3.6593	5.9559	3.4575	3.9232	8,8529	8.0385	- 1

| CRITICAL DURATION : The critical duration for the 0.557 AEO is the ensemble EEN 0.557 EET,
| The median pattern for this ensemble is storm ? (storm name : ECN 0.557 EET ?).
| The pattern with the greatest class dates Elevations for this ensemble is storm 3 (storm name : ECN 0.588 EET ?).

AEF: 19 - Max Water Elevation (m)

											SELECT LEADERS			/	
B 3	Ensemble name	Storm 1	Storm 2	Storm S	Storm 4	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 50	Average	Std. Dev.	Nedian	1
FRANKLERS		SARAMANARAS	TARRANCO CONTRACTOR	SECRETARIES OF	**************************************	20000000000000	NAME AND ADDRESS OF	***********	WESTERFEITERS.		OREST TRANSPORT		CONTRARADORADO		Enteroperation (Contraction (Co
B 03	CM ipct limin	0.9096	5-35-60	3-2597	9,9599	8-9589	3.9569	3,9589	24, 65940	32593	3,9887	3.9569	(C., 450 (A.))	3,9583	1
1 3	CON Spot 12hr	4.2444	4.2675	4,2786	0.2643	6.4919	4.3559	4.2000	0.5522	8-2924	0.3005	4.2955	0.1203	\$ 1.00m	1
	UN Ipct 15min	0.6334	설문의주민준	0.0345	8:2445	6-9636	8,6351	8-5407	45.08.60	第二次 化基础	0.0047	4:0052	81.0008	9,9643	ı
	EGN_lpct_lShr	4.3893	0.1383	4. 别好页表	4.2541	8-0789	8,3618	4-3818	49-322-335	4-24-64	0-2948	4-3289	25,672%	4,2016	į.
	CM_Ipct_I_She	0-2638	4.2620	8-2746	4-2639	8-2327	9.37595	6.5576	明。在明显的	9.2760	8.2551	4-9725	0.0115	Q-1250	1
	EGN_lpct_lbr	8,2239	4.2388	9.2368	4.2390	8.2328	6-2570	4.2262	4.700	8-2342	6,2806	4 - 00000	9,9535	d-1000	
	CM_lpct_28e/e	8-5557	8.2550	4,0955	8-5959	W-056G	4,5955	4.6862	49×49462	2-2989	(4) 中国共享	项业项类系列	6.0000	0.0993	
	NON_tpok_24be	8,2385	8,1600	4,2574	8.3466	0.2537	9.0074	4-2555	4,2852	4.9155	图。\$2000	4.5468	0.3854	4,5984	
	CM lpct 25min	8,1509	4.1332	5 m 1 3 2 M	4.5329	4:0826	8,2934	4.3209	4.0322	9-1028	8.8320	4,1300	DIAL COLOR	4.1500	1
	ECN April 2hr	Aug 201803	8-2238	4.2638	4-3600	3-2822	8.2720	6-2793	8.12876	8,2959	4,2090	4.5969	65, (50,00)	4.5830	j j
1 6	CN 1pct 30min	49-2022	9.5570	4-2548	4, 5556	4.385	4-1514	0.1556	8,3565	P-6560	8.2036	4,1558	9.42213	4.1950	
	BCN_lect_lbr	40.0072	2:2435	6.0126	6.8648	4:5284	0.2868	4-8878	4-2835	0.2650	A-14-68	4-57-9	0.0255	4-2654	J.
	ON_lpot_dSmin	8-2948	8-2049	6-5085	6.2950	6,2658	9-25000	4.5333	6.5683	4.2526	8-2353	4.2039	0.0019	4.2006	
	ON_ipot_4_She	8,0203	6.5339	6.2915	0.2350	4.2426	6-26-64	4.2626	4.3003	5.2530	8.27418	4 - 2859	9-9353	8.2952	1
	EEN_tpdt_6hr	8,4399	9.0468	4.5987	4,2366	8,0998	0.2568	8.4559	0.4921	8-20-00	0.1962	4-9849	0.2719	6.5686	
	ECN Ipck Shr	8-2919	4.5866	중 : 10년 중인	4,2885	4.2818	6.7768	用。果太安于	49,9653	4-2137	8.7277	9-25-63	0.9857	4.2383	
Of the last territoria description	TO SECURE OF THE PARTY OF THE	STATE OF STREET	SEPRESE SERVICE	STREET, STREET, ST.	STREET, STREET	CONTRACTOR OF STREET	PARAMETER STATE	STREET, SQUARE STREET, SQUARE,	the state of the form	CONTRACTOR STATES	THE PARTY OF THE PARTY.	STATE OF STREET	ALTERNATION OF THE RESIDENCE	A SERVICE AND A PROPERTY OF THE PROPERTY OF TH	PROPERTY AND ADDRESS OF THE PARTY OF THE PAR

CHIPICAL DESATION: The crimical duration for the 13 AEP is the example ECN ipot 4 5hs.

The modion pattern for this ensemble is storm 0 (storm new : ECN ipot 4 5h; 3h; 01.

The pattern with the greatest 4664 Motor Elevation 6 for this ensemble Is storm 30 (storm name : ECN ipot 4 5h; 189.)

AEP: 10% - Max Water Elevation (n)

Page 1				OCCUPATION AND ADDRESS.				CENTER DESIGNATION OF STREET			***********	ENGINEERS XXX		STREET, STREET	
	Encemble name	Storm S	Store S	Storm 3	Storm &	STORM S	Storm 6	Storm 7	Storm S	Store 9	Store to	Average	Std. Dev.	Median	I I
Patricia.		cycles and a second second	No. of Local District of Street, Stree	and the second second	emilian cuitoria	DESCRIPTION OF THE PARTY OF THE		CONTRACTOR SOCIO	and to determine the residence of the	were the control of t	cuctore elatority (c	NAME OF TAXABLE PARTY.	CONTRACTOR AND ADDRESS.	and the second second	Contraction and an artist of the contraction of
	ECN_10pct_10min	3.8345	3.5145	3.65.16	3.9348	2.12.04	3.0134	2,8585	3,6250	3.8125	0.0199	2,2552	0,0007	8.0059	l l
II.	ECN 10pcs 12hr	8.4333	4-1997	4.0235	被 - 倒有数据	8.0267	3.9772	0.0392	0.0073	9.1222	0.09457	6 (9932)	0.0586	8,6339	l l
1	EDM 10pct 15min	3,9906	0.00007	5-9000	3,7020	3,663%	2,9098	20,009.6	34,9400	350000	3.15000	3 - 9883 5	P. 2999.5	9-9847	1
1	ECM 10pct 18hr	0.9452	3.9984	0-3170	2,8367	3,9927	0.4255	0.9526	37.6446	2.2720	6-6827	2,00072	9,8506	9.9955	1
1	BCN_IDpot_I_Shr	0-1276	8.0999	4.3858	8-1993	6,3936	8-23-22	4-2209	0.0907	4-1802	5.2262	4,1523	0-0149	2-1161	1
	ECN_10pct_lhr	0.0948	0.5862	0.0077	4.0770	4、50000	0.0305	4.6900	4,9972	4-0902	0.0000	6.0896	0.2057	8.0853	1
	ECM Supor. 20min	3.5544	3,0545	2,9549	2:9553	8,6552	3,9549	0.9949	3,9556	2-5555	3,5943	5-5550	81-8965	3.5548	
	Eth 10pct 24hr	9,2243	3.7250	8.8659	3.8204	5-8864	3,9298	0.3515	3,9439	5-2539	3,8550	2,5244	8,2395	3-9679	1
	ECN 10pct 25min	3-5400	3.8955	3.9688	Jr., 99/93	3.12652	27.00008	3,3943	31,9920	3.2993	36.9295	3.3988	6.6601	3.9935	1
1	EUN 10pct 2hr	0.2532	4.5368	0.0055	6.0978	4-1001	用。公司司官	6-3960	4.4364	8,9250	0-3556	4-1200	0.8124	8.1260	1
N .	ECN 10pct 30min	6.6250	4-5562	646152	9.1361	6-3155	4,5176	6:0175	0.00000	4-6736	6.6172	4:0180	6.5803	8,9143	ł
	ECN 10pct The	3.2933	9.2556	8,1935	8.2551	8,0899	6.3440	4-3495	4,2300	8,2651	8,2556	4.1272	0.8557	9,1210	1
	ECN 20pct 45min	8.0628	4.0649	4-9682	0.0049	6-5656	4.4558	0.0626	9.9553	8-9897	4-0949	4.9547	8.5099	4.0649	ı
	BGN 10pot 4 Shr	8.0947	4,6452	4,3993	4,3278	0,0803	4.1619	4-1993	0.6998	4-1233	8-2583	9.1686	(0) (0.8.20)	4-2376	1
	ECN 10pcs the	0.3758	4.0035	4,8617	9.0520	8.2300	图 2 贝里克克	4.6587	41.9529	9-1623	0.3501	5.43533	2,000	4.0950	1
	EEN 10pcs, 5hr	4-1275	8-7666	2.8255	4.0587	0.102.8	4-5553	4.0099	6406.23	2-5230		4.0800	0.5592	4-577	1

I CRITICAL RUMATION: The critical docation for the 200 AEF is the ensemble ECR_10pct_thr.

I the median pattern for this ensemble is storm of twore name: ECR_10pct_Rr_41.

I the pattern with the grosbert -Our Mater Elevation> for this ensemble is storm in fators name: ECR_10pct_Thr_10p.

ARF: 50 - Max Nates Elevation (n)

Y 2	The second second second	THE RESERVE OF THE PARTY.	***											
Ensemble name	Storm I	Storm 2	Storm 3	SCHEE S	Stom 5	Storm 6	Steen 7	Storm E	Steem 5	Storm 19	Average	Std. Dev.	Nedlan	ı
	OR STREET, SQUARE, SQU			*********	***********			**********	*****	SHIPP STORES		DOMEST WATER OF THE PARTY OF TH	***********	************
ECN 2prk_10min	24,3028	9-5100	多。(25.4%)	5,7150	35.58.92	3,3196	050108	27 - 970 542	名。原施學問	2.53.63	5.6290	0.2003	2-5250)
ECN 2pcb 12hr	8.1667	4.3502	8.20005	9.3630	在1.400	8-3623	9:2333	46.4065	4.3249	8,2491	8.2333	图中图图图图	8-1510	j.
ECN 2pot Itela	0.4935	0.0000	传。将是写是	4.4572	8.9994	9.0000	4.0673	6,0066	4-18075	J. 19 20 10 10 10	4,6579	0.0002	0.0006	1
ECN 2pct 18hr	8-1237	2.5828	8,33566	4.2936	4.2982	8,2949	4 55 366	4.3645	4-1323	4.7482	4:2699	61.86.65	4.1497	1
BEN 2pet 1 5hr	9,2536	4-2002	4-2220	4,2000	8.2208	0.2347	4.2500	4.2841	0.2269	Pa 2305 5	4-2200	0.0955	4.55000	
ECN 2pct Thr	4-1693	9-1907	4,0909	4-1950	0.1925	41-28-55	0.2959	0.3512	8.1914	0,1986	4-1922	0,2029	4,1929	1
ECM 2pct 20min	6.0584	9-1579	作。同等發展	9.0565	6.0589	6,6532	4:0092	4.5732	9.0593	49 - 20 20 30	8,0500	0.9905	4,0500	1
ECN 2pct 24br	5-9605	9:1109	4-3855	8-3603	8-2700	3,2017	4-1099	6-3453	2-3576	4.4555	4,5230	07-120-22	0-5300	1
ECN_2pct_25mlm	0.0500	4.0959	8-10096	0.0949	6,8556	8,0397	4.0936	6.2962	6.0565		经上价等条件	0.9063	8-6849	1
B ECN 2pct 2hr	4,2343	2.2239	4.5586	4-22-50	4.0070	0.2250	4-2232	4-2363	9-6398	0-2616	4-2304	0.5887	4-2273	1
ECN 2pct 30min	81.8164	4-2544	4.0000	有"发展设 法	4-2592	8-1963	0.3200	4.1220	6-73600	4-3691	4.1688	G- 0000	4-1500	1
ESN 2pct Ohr	5-2494	9-1989	0.2083	4-3983	9 213415	4-0097	4.9120	8,2225	8-9358	4,2945	4-2223	0.0538	4.0225	1
ECK 2pct 45sin	0.2629	4.1875	8,8663	9.2770	6.1688	5-3672	4-4828	A. 2660	9-1657	0.7660	5-2669	30,2029	4,3367	i i
ECN 2pct 4 5hr	0.2410	0.0000	8.00072	9.2222	4.3545	8:2293	4 - 5246	6.9435	8-2272	4-3270	U-22789	0.0007	9-8255	į.
ECN 2pct the	49-20-02	0-1925	4.3003	4-2830	8,2561							49-176-90		1
ECN 2pet Shr	6.2216	4.1922	4-9411	4.1547	8.3498	0.2209	9.3402	4.3145	8-1931	4-2985	9-3692	0.0752	0.1963	i
ECN 2pct the	6.2246	8.1925	4.2003 4.3011	4.1547	8,2961	4,2207	4.3402	0.1272	4-1235 4-1231	0.0000 0.0000	9.2422	0.0750	0.2050	

: CRITICAL DURATION: The critical duration for the GR AEF is the ensemble ECR 2ppt 2hr.

I The median pattern for this ensemble is storm J (storm name: ECR 2ppt 2hr_3).

I The pattern with the greatest **GEX** Mater Elevation** for this ensemble is storm IS (storm name: ECR_2ppt_2hr_10).

ABP: 50 - Max Water Elevation (m)

Consessable	NAME OF TAXABLE PARTY.		OF STREET OF STREET	W-Y-T		244423474747		LIVE DATE OF				and the state of the state of	WEST DESIGNATION OF THE PERSON	*1-07-1-10-1-	Consequence of the second second second second
	Ensemble name	Storm 1	Stem 2	Storm 3	Sterm 6	Otom 5	Stem 6	Stem 7	Storm 8	Steim 9	Storm 18	Average	Std. Cav.	Heddan	1
	CN Spot 10min	0.8623	9,8625	358828	8,8950	8.6629	0.9624	2,8536	2.6688	9,9423	2,0684	3.8627	9,5007	8,0620	1
	ECN Spot 12hr	6.3937	9.7868	8,893.0	4,9695	5,3930	49,000,000	5,3030	4,9526	9.1788	8.7593	6.2302	0.0878	4,3655	i
	ICM Spot ISmin	3,49963	9,5552	8,6502	2.9820	20,5553	5,9566	8,8508	35, 982.6	3,9529	2,9521	5-9519	0.0000	8.9188	i i
i	ECN Spct 18hr	4.0525	8-8864	8,3928	4.5535	8.2918	4,6964	4.0599	46,48,50	0.0604	0.2429	5.0740	0.0000	6,6554	i
1 5	ICM Sport 1 She	8-1919	8.8690	4.1797	0.3500	8.3539	8,9699	0.3683	G14. 图 经银行	9-1489	01-27-25	2.3613	(F) (F) (F) (F) (F)	4.2626	i
1	ECN Spot lhe	0.1928	9-1395	4.8873	0.1252	8-1307	8:3295	4.3425	4,2365	4-1992	8.18675	9.5381	De6256	0.1507	i
1 8	UN Spot 29min	8.0038	2.0035	4-8000	0.0005	0.0050	A. 60999	8.0061	9,3053	9.0054	(a) (a) (b) (b)	6.5044	00505	4,9999	i i
li .	ECN Spot 24hr	8,3569	3.7750	8,9928	3,3674	6-8975	3.9506	6-2227	4.9937	2.5423	9.482720	4.4324	6.3458	4-0290	1
8 8	NM Spot 25min	0.0335	4.0504	8,0370	4.0380	9-0977	4.0109	4.0650	4.00000	8.6387	0.0108	4.0988	64,060.0	4-0597	1
1	EGN Spot 2hr	6.2612	4.1088	8.8949	9.3838	0.3789	8.3688	6.3948	45-32.004	4-5323	9.3546	3.1698	0-8855	44.0388.0	1
1 5	MM_toot_Nimin	的。中国社会	0.20069	8.2638	6.586	8.76693	8.0552	4.00050	6.6664	8-16-17	6.6654	4,3547	69,0000	2.0649	į.
	ECN_Spok_Shr	0.2540	8:1559	8,1554	0.9953	0.1522	9-3997	4,5019	4.1958	8-1899	3.2283	Rolling.	他を記念見る	8.1860	1
	ION Spot dimin	6,9207	9-1826	4,33,33	41.27.49	4-8239	0.3150	4-3115	42.23336	0-1232	dia 22.98	6.1232	1914 60346	0.1235	1
1 5	CM Spot 4 Shr	4.2522	4.1830	8,2989	4.1939	4.2399	0.03.99	6-2070	46-33-34	0-1019	9.4198	4.1762	0.6326	4-1747	1
1	ECN Spot She	4.2527	4.1393	4-2586	4.1688	3.1975	4-2566	4.2922	40.23000	4.0939	40.000.00	8-3850	0.0390	9.5550	1
II.	ECK_Spot_Shr	8,9903	9,1261	6,3673	0.1049	8,2627	4,3240	4.8522	0.0062	6.1123	8,2225	0.3830	9.4548	4-2666	ı

I CHITICAL BOATION: The critical duration for the DA AEP is the ensemble BON Spot Dr. :
I CHITICAL BOATION: The critical duration for the DA AEP is the ensemble BON Spot Dr. :
I the socian pattern for this ensemble is storm & (storm and : BEN Spot Dr.)
I The pattern with the greatest CHAN Hater Elevation for this ensemble Is storm 10 (storm name : BEN Spot Dr. 10).

AEP: 63.2% - Max Water Elevation (n)

Swi			*******												
8	Ensemble name	Storm 1	Storm E	Storm S	Stems 3	Stoms 9	Storm 6	Stem 7	Store 8	Storm 5	Storm it	Average	Std. Dev.	Nedlan	1
Secon	and the last of the state of th		A STREET, STREET, Company			and the latest temporal property of	STATE OF THE PARTY NAMED IN	****	OR SHEET WATER STREET			printer sink became	minument of the least of		and the classic entraction but the property of
1	ECN 63pct 10min	8,4588	2-6939	5,4533	8 - 85 3 4	8,6533	3.2536	3-4546	3-9589	8-65.87	2,6586	3-1007	0.5652	2,9589	1
i .	ECN 63pcs 12bc	2,7273	9.8862	3,5409	9,9720	0.7599	3,7296	3.7458	25,9233	5-7672	3,10973	S-RIGH.	6.6000	8.9540	i
i .	ECN 63per 15min	3,73,69	3.72.60	9,9160	2.7000	9.7289	3,3965	3.7000	3.7550	35,701200	8,7165	3 - 7952	0.0512	2.7255	i
i	ECN Sipcs 18hr	9.3938	3.9259	31,9789	2.7339	2,6700	25 4 99 90 59	2,9325	2.5788	7,5999	2,6352	5-7254	01,0293	7-7508	i
i i	ECN 63pct I 5hr	0.8590	3.5636	2.0749	3.9400	5.8697	3.0565	20,8999	3,9338	2.8136	3,5197	3,563.6	9-8507	9.4828	i
i .	EGN_63pct_3hr	9.8881	3,8783	3.6723	7.250	3,8676	3,0866	2,6828	3,9641	3,00000	2.9840	3,9723	0.5025	2,8926	i
î.	ECM 63pert 20min	37,7369	3.7556	3,7564	3.755@	3,7586	3,7588	3.7545	3,7366	8.7859	7,7362	7.7575	0.0004	3,7560	i
1	ECH 63por 24br	S_865 V	3,9536	35-7238	3.8462	7,8615	3-4572	2.5708	2,7250	SLEPSS	8,5742	3,5612	0-0778	2.6763	i
i i	pow 63pot 25min	0.7896	3,7093	0.7988	3,7898	8,7802	3.7500	8.7866	3,7591	5.7589	0.2850	3.7003	0,8555	3,7895	i
1	ECN 63600 2hr	0.46660	5,0900	3.6912	3.0125	8-8568	3×6339	5-5136	8-9039	3-9592	2,9200	5-9050	0.05.59	8,8294	i
i .	SCN 63pc% Sonin	36,00000	51,88220	5-65.01	9.812.6	9-8094	3,6695	SLATAR	36,9336	8-8058	75.453.55	5.8500	64,855.0	2.4967	i
ï	SCN 63pct She	8.8999	8.9683	849366	8.6795	5,6969	3,9000	5-8504	35,5856	· 1920年	3,9252	5,9997	69,885,6	3.8999	i
ii .	ECH 63pot 45min	3-8369	5.6535	3-2540	3.2343	9-2570	3,9565	348553	3.4350	3,8500	3.6545	51-93464	10-780316	2.0560	i
1	ECN 63pct 4 5hr	2,9630	3.8652	2.5811	3,9853	26,8970	2,9786	011804240	36,657.2	5.0997	0.9886	0.0980	0.9987	26,98857	î
ii .	ECN 63pct She	9-6751	0.7885	0.8493	3.8533	3.40000	3.9294	3.6290	5,6957	2:2200	2.0522	3.5885	0.9804	2.9200	i
į.	EON_63pch_5he	0.5127	9,7983	3,9045	8,9220	0,8012	3,9998	9,8685	31,7789	20,000,000	2,9945	3,8543	0.0466	8.8699	I.

| CRITICAL BURATION : The critical duration for the 69.25 AEP is the ensemble BCM_63pct_Zhr.
| The median pattern for this ensemble is storm ? (storm name : ECM_63pct_Zhr_7).
| The pattern with the questest CMAX Mater Elevation's far this ensemble is storm ? (storm name : ECM_63pct_Zhr_5).

Page 466 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze 1939

Summary informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 10 No. of ADP Goods: 7 Object Name: Nevi Resolt type: Hax

# Ensemble name	Storm S	Steen 2	Stoom 8	Storm 6	Storm S	Storm 6	Sterm ?	Storm 8	Storm 9	Storm 10	Average	Std. Bev.	Hedian	!
ESN_0.887_15666	5,5524	3.7927	3,1507	8,7000	3,7525	2-3753	3,7537	3,7523	2,7512	2,7520	5.7125	81-0864	8,7566	1
ESN 0.389 1280 ESN 0.289 13636	3,9489	9,0520	8,8826	8. 2752 8. 2502	9-1811	3,8319	2,8999	6.2051 2.9511	2.965N 2.6520	3.6317	5.2572	0.0019	2,0782	!
ECN 0.210 19hp	0.9539	5,9960	4.3555	8:0030	9,9391	2,0500	3.9001	31.7735	8:0591	2,7578	2.79683	0.5357	RESTRI	i
ECH O.SEY 3 She	4.4263 4.4359	0.0330	4.80%	8.0950	9.5933	8.9298 8.0298	8.9519 8.6555	0.0363 0.0450	8-9489	4.6229	4 - 0344) 6 - 0450	0.0038	8-5567 8-5158	!
ECM G. 727 Stade	5,9925	3.0650	3-6937	3,4935	3,8955	3.9600	20-20-20	36.6833	5-2237	348853	3.9632	6-2032	3,3804	i
BON G.ONY NAME	3,7829	8,9165	9.6860	9,93355	2,8875	3,6394	3,8915	3,9886	2,9698	2,6833	3,3695	9-9865	9-8839	
ECN 0.422 25510	0.9175 0.0660	3.5295	8.9118	3.9172 4.9474	8-3153	3,9001 A,0100	8,91M3 4,9481	3.9273 4.9484	2,9191	9,9191 4,9585	5.5235 4.6660	0.0009 0.0164	2.7190	
60H 0.2E7 39GES	1.9431	3.9832	8.9429	3,9429	3,3443	3-9187	0.5129	0.9849	2000年6月	3.5475	3.8432	9,8863	2.9632	į
ECM 0.267 354 ECM 0.387 4564a	0.0452	0.5280 3.9880	4-4908 9-5685	0.0073	4.0689 3.5830	0.0405 2.0050	4.9362 3.9900	4.60000 2.5514	4-0762 9-2512	41.46552	5.0900	19-85057 19-85054	A - 04078	!
ECH 0.207 4 Sile	8.6993	0.5159	3.5933	3.50073	6.0249	8.5343	4.0396	8.6450	4-9676	4-1075	4.0326	0.4023	9-6522	i
ECN 0.2EY She	4.0566	3.0428	4.0120	4.0000	3.9883	0.9829	2.5868 8.0022	3.9393	3.0798	6.0492	6.0019 6.00365	69. 02(54) 69. 02(54)	0.9979	

CRITICAL BURATION: The critical duration for the 0.222 AEF is the ensemble BCN 0.229 Ehr.

The median pattern for this ensemble is storm 7 (storm name : BCN 0.232 Ebr. 3).

The pattern with the greatest come Mater Elevations for this ensemble is storm 5 (storm name : BCN 0.227 Ehr. 3).

AEP: 0.527 - Max Water Elevation (n)

2000000															
8	Ensemble name	Sterm 1	Storm 2	Storm S	Storm &	Storm S	Storm 6	Storm 7	Storm B	Storm P	Storm 10	Average	Std. Dev.	Hedian	
Commence of the	WHEN PROPERTY AND PERSONS ASSESSED.	water the second section is	THE RESERVE OF THE PARTY OF THE	Contract of the Assessment	******	Colored Street Colored			OR DESIGNATION OF THE PARTY OF				Committee of the last of the contract of		and the second s
1	men o.sey idean	0.6985	8.4999	3,6949	3,0000	948836	3,6935	8,8318	2,9337	2.1136	2.9960	328933	0.9802	2.8935	1
8	BON G. SEY LINE	3-9508	0.9500	4.0151	0.8346	8-9331	2.7566	2,0023	24000	345500	8.8639	3:8930	Se 5680	2-2079	
K	SCH 0.55V 15ple	3-7639	9.7629	3.7636	3:7938	2,7626	3:7991	2,7633	St. THEFE	35.74256	3,7835	3.7632	0.0000	3.7920	
1	BOM G.SET INDE	0.6859	3.3976	6-9659	另。至为他 至	9,7320	3,3880	2-7831	2.9850	8,7537	3,963.2	37949	6/1915	3.77000	
	ECN 0.5XY 1 5he	0.,9568	3.3544	2"45.42	3,5620	0.0000	3,9544	9,8502	0.9890	3-3743	E. SPAC	0.1682	的"自工品质	3.9580	ı
	BON 0.SET TOP	2.9439	9.8867	20 400000	8. 9929	3.599.6	0.9652	9,9399	2.3390	5-95900	3.9431	3.8233	0.9333	2:0399	
II.	ADDM D. SEV POSES	3-9699	5,8096	3.5099	35 30 30 00 00	26-92-62	5.9202	9.4101	27 × 500 500	2:8072	3,58,72	5.9756	0.000	3.5969	
В	EGN 0.037 7455	37.6439	2.1552	2,7827	3,5130	3.7350	8.7246	2,7273	2.7656	27.27	2000年で	3.7692	0.9728	2-7630	
	BON 0.5ET TOORS	0.9138	0.6426	9.8450	3-8698	2.0400	9,6496	2,8415	2,6435	5-8658	2.8423	2-9622	0.9022	2-662-6	
	ESTM_0.5EY_Shor	S. 50000	3,8435	9,5441	2,5699	0.9898	2.9502	9-3676	3,955	3.3779	2,9798	3.5620	0-0168	2-9910	
8	BON 0.5ET 3CESA	9,6664	D. PEDT	3,6685	3,2840	9-8659	2.0893	2,2668	3,8552	3.8697	8,6996	3.9980	64.6558	3.8665	
N.	EEN OLDEY NEW	2.9623	3.9429	5,9965	3.9360	0.3859	3,8563	8.0365	3.9357	2.8579	S-9427	5.8436	0.0322	2.5559	
	ECH 0.5EV Chale	0.9485	5.3430	5,2233	2.33982	SI-802-920	201-183-128	2,9550	36.0343	2.9837	3.0141	3,9845	19, 60-113	2.9259	
	MCN 0.56W 4 Day	E-0258	3.8278	3,9635	3.3092	3,3500	3.3253	3,0835	35 (8575)	3.9558	(E. 960 000)	35-34-540	10 - 0207.0	3.945.0	
	ECN_0.NET_GAR	9,3809	8.3328	2.9193	3-5139	3-4935	3.9972	N. MENL	3.6366	3.8988	25 - 194 8 8	3.07260	0,3359	3,9687	
	ECN 0. SEY SEE	9-9438	8.8575	2,2005	3.9875	8.2160	3,2643	8,4108	3.6356	3/00000	3.6675	3,9276	8,0524	8,9135	

CRITICAL DURATION : The critical duration for the U.SET ARP is the ensemble EEN U.SET DIV.

The heddan pattern for this ensemble is storm ? (storm name : ECN U.SET ARP].

The pattern with the greatest USAN Mater Elevations for this ensemble is storm 3 (storm name : ECN U.SET ARP).

AEF: 19 - Max Water Elevation (m)

The second secon											CHARLES LEADERS					
Ensenic	de name	Storm 1	Storm 2	Storm S	Storm 4	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 10	Average	Std. Dev.	Nedian		1
* ALEXANDER PRODUCTS	THE REAL PROPERTY.	CARDADONE POR	TARRADA DE LA CONTRACTOR DE LA CONTRACTO	SERREAFRESS	WITETERSON FOR	annunnneren e	NAME AND ADDRESS OF	***********	WEATHER PRICESO	TO THE OWNER OF THE PARTY OF TH	MARKATARANA		CORRESPONDE	STATE STATE OF STATE OF	APPENDICULAR SERVICE SERVICE	emmonenii)
BON Sec	n Limin	0.9346	3,2365	34,9366	9.6260	20.00000	2.5360	3,6367	31,9303	3.5376	37 - 900,000	3.8390	07.45003	X-936F		
\$1 KDN 15	ct 12hr	8.2353	4.2356	4,2592	0.2575	6.4637	9-1273	4,5,950	0.4564	8-2003	6,56,91	8.2630	0.3121	4.2374		i
# BGN Ipc	E 15min	0.6226	0.0272	8.9208	8,0209	6-6274	4-6263	8,0285	4,9222	8-0350	4.0200	4.0512	0.0599	4.5372		l l
# SON by	ot 18hr	8,2535	4.1120	8,1089	8-1932	8.3366	4.3294	4-2990	4,2566	8-1769	0.5786	4,2090	29,000,00	4-8773		E.
# BON Spo	nt X She	8-2359	4-2560	8-5430	0.2206	8-3851	4.2590	0.28pg	4.5000	9-2500	0.2548	4-2867	0.0119	0.2650		1
EGN_1	pot the	8.2649	4.2000	4,2688	4.2997	4.2057	0.2300	9.3582	450000	8-2000	6-2555	4.0059	9,0005	0.2059		
	rt_20m2m	8.0749	State Sales	4,0720	8,2719	0.0723	例示的扩展的	원교선 한 것이	49大學等34%	以一日75万万	60年在安徽省	4.9795	6,0000	0.0000		
	48 248E	8,29%	816.695	4-2961	4.78556	8.2657	9,0023	4.0.2349	0,2852	3,5953	S-0234	4.1582	0.3509	4.2000		
	t 25mln	8,2458	4,0015	0.1001	4.2065	4-1075	6,0050	4,2059	4.0047	9-1989	8-1007	5.3250	01-032 P	4-1015		
\$ 200M_2	pot 2hr	No.2524	4-2529	8.2057	4.8528	3.5700	8-2536	6-2510	4.0336	8,2659	01,027 90	4.3592	6.0000	4.2519		
# SUN_1po	5. 30mln	45-2763	9-1309	4.3003	9.2293	0.1286	0.5250	0 52,2505	4.2368	8-1200	(A) - 20 20 20 20 20 20 20 20 20 20 20 20 20	8-82-92	9.3719	4.1895		
	pot libe	W-5245	8.2354	0.3838	6-40-X	4.5529	4-2753	4.2493	0-2360	8 - 40339	Se 255 76	4-2463	0.0252	4.2529		31
	t_Clein	8.3805	8-1773	6-3583	Se 1836	4.7466	9-3353	4.3700	6.2752	4-1780	8-2755	4-2735	0.0019	4.3729		
	E_4_5he	8.08894	4.3852	8-2119	4-1991	6.2389	6.2300	4-23-67	89、2002年	X . 27-6 (C.)	8.2498	4,2573	9-0370	8.2333		
	pot one	6.3872	4.3550	4.2962	4,2076	6.3268	6.2360	0.2717	에 , 건설하고	0.0179	6-3641	4.2762	0.4681	9.3000		,
E00.1	por 9hr	6-2659	4,0192	後,北层在3	사 트레이딩	8.8933	4.7694	4.9821	相。至五英英	8-1389	8.8925	4,9808	0.5835	4.2258		
For the survey of the state of the state of	A PARTY NAMED IN	Charles and the Control	SHAPP STATE OF SHAP	NUMBER OF STREET	A SUBJECT OF SUBJECT OF	CONTRACTOR OF STREET	PARAMETER AND AND ADDRESS OF THE PARAMETER AN	THE RESERVE OF THE PARTY NAMED IN	DESCRIPTION OF THE PARTY.	CONTRACTOR STATE	Carlo de Carlo de Arte de Carlo	STATE OF THE PARTY	ALLER STREET	A STREET, SALES AND ADDRESS.	NAME AND ADDRESS OF THE PARTY O	Committee of the

ARPI 20%	- MAR Water	Elevation (s	1)												
Parameters			OR RESIDENCE AND A	OF RESIDENCE	-		ORDER DE LA COMPTENZA DE LA CO	*****			CONTRACTOR DE LA CONTRA		**********	***************************************	men!
Enosmble same	Storm S	S record	Storm 3	Storm &	Stam S	Storm 6	Storm 7	Storm S	Store 9	Store to	Average	Std. Dev.	Median		- 1
Patriconomical residence representation of	SCHOOL SC	AND ADDRESS OF THE PARTY OF THE PARTY.	months with the con-	terrolating ministration	ARTERIOR STREET	MACRO SERVICE AND	SOLETH LENGTH CO.	and common and an extension	nervona aleje a korac		THE PROPERTY AND PERSONS ASSESSED.	CONTRACTOR AND A	management of the same	encommunication and an experience of	Sea K
# ECM 10pcs 10min	3,7556	3.7956	3-7909	3.7950	2.7983	5.7969	2, 3570	3.2267	3-7937	3,7379	3.7983	69, 600678	8.7968		1
ECN 10pcs 12hr	8.468555	2.3,662	46,086,00	0.0100	8.65.90	3 - 85 8 6	0.0267	0,9654	9 - 03974	6.8661	6 - 6395	0.0000	8.4042		- 1
# EDM 10pct 15min	3,6600	3.0008	3.2788	3.8495	3,8600	2,8892	20.9892	3.0014	3,8016	3.0818	3,0999	P. 9003	9.8961		- 1
ECM 10pct 16hr	9-9239	3,9758	6.8886.8	3,8366	0.0483	0.0003	0-5395	39.00000	3.3500	0-5500	2-9965	0.0000	9-9120		- 1
BON YOPO'S T Shr	0.0584	N - 9791	5:293.0	4-9250	4.0937	8-990	4.6899	0.0745	4.2950	6,1011	4-5975	0.0109	2-0375		- 1
8 ECN 10pox 1hr	0.0693	0.0696	6.0631	4.5598	4.0639	0.0856	4-0697	企工供用证明	4.8636	图14000000	4,8650	0.2056	5.0567		- 1
ECM Sepert 20min	3.9324	3 - 9329	2.0129	2-9550	9,6993	3.8308	3:,9328	3,9333	2-8235	3,9323	5.5350	81, 5356	3-8329		- 1
ECM 10pct 24hr	0.1874	2.7006	8,9550	3.9000	0.0665	3,6994	4-3255	28, 28,63	5-8725	2,9391	2,8559	0,2847	5-5289		- 1
BON 10pct 25min	0-9673	3.9485	3.9661	3,9066	3-15655	3-2693	3.8663	3. 95.60	3.8975	3,5666	0.0876	8,6934	3.9878		- 1
# EDN 10pct 2hr	0.7523	9.2100	45,000.00	4-1725	化二氢化异物	8,0505	4.5910	0.3653	0.5999	0.7222	41/0904	0.8102	G . 86006		- 1
ECN 10pct 30min	37,002.0	3.3830	3,9929	24:2923	7,9832	3.3550	3,8942	2,7529	75 9398	2,9940	3:8832	6.6668	2-9950		ì
EGN 10pct She	8.0084	9,9699	8.6786	8.3986	0.0750	8,3350	4.7555	44.3983	4,1202	49,122,72	8.2000	0.0202	4.1995		- 1
ECN 10pct 45min	8-6386	4,9600	4-0419	0.0407	0.0010	0.6445	4-0388	4, 2330	0.0425	6. 经有证书	4.6462	8,0032	4.5667		- 1
BON 10pct 4 Shr	8-5968	4,0014	4-3166	4,3699	0.0850	4-3356	4.0860	0.6538	4,1000	0.9333	0.0837	101-110-019	4-6922		- 1
ECN 10pct 6hr	8-3490	4.0530	0.0570	9,2200	8.22248	0.0243	4.4591	4.2300	9-2259	创。但就是是	0.0920	2,0000	0.4774.0		- 1

EXE 10pt the 6.2400 6.5570 8.0676 6.5575 8.5588 8.0686 6.0571 6.5585 6.5

ARP: 50 - Max Nates Elevation (n)

A CHARLES OF THE PARTY OF THE P	Name and Address of the Owner o	THE RESERVE OF THE PARTY.												
Ensemble name	Storm I	disease 2	Storm 3	SCHEE 5	Storm D	Storm 6	Sterm 7	Storm &	Steem 5	Storm 10	Average	Std. Dev.	Median	
	A PROPERTY OF			THE RESERVED TO THE RESERVE TO THE R	*********			***********		SECRETARIST CONTRA			********	*********
ECN_Spot_10min	2-27-2	0.9905	3.6988	3.0904	3.6166	3.6765	2,8780	7,0000	2.8990	20,48000	5.9995	0.2007	5-0168	
ECN 2pct 12hr	N. 3592	4.3708	9 7 8 10 0 5	6.1260	8,2768	8-5933	9,3842	8-2666	9,1878	0.2380	6.2557	66.52.93	2.1910	
ECN_2pct_15elo	31.09555	9,9956	0.2091	8,9501	3.5834	8.8867	3-2843	3,9656	2,9895	2,7042	3.8839	0.6008	8,1948	
ECM 2pct 18hr	8.3304	4.9585	3,1909	4.3396	8.2062	8 - 23 5 5	4-5116	0.3267	4,1258	We 92.23	4-1400	0.0551	4-1934	
ECN 2pct 1 5hr	0.9870	0.2863	4.1951	6-1755	6.2937	0.0000	4-1898	化二氢银矿金	8-1999	0.2549	4.1932	0.0558	9-1946	
EGN 2pct Thr	4-1656	4-1690	4,0495	0,1662	0.1980	40.5495	0.3591	Q.2637	8-1849	0.2041	4 - 1.4572	W. 2029	4,1655	
ECN 2pcs. 20min	6-6942	8,9359	传出自己自己	4.0344	6.9349	4,6350	4-0350	@_9950	9.0350	6-6059	6,0350	0,0005	4.0350	
80N 2pcs 24br	45.4544	9.0652	传。这有20	0.2525	8-2697	3.9590	4.0091	8-2362	2.1255	40.000	4,2000	07×0982	0.0000	
ECN 2pct 25min	0.0508	4.5340	8 a 0 5 8 H	每日的10日	45,00000	8,6706	d .00083	6.6788	5-9763	0.0232	4,8760	0.9967	0.0703	
EGN 2pct 2hr	4.9893	2.2385	6.2010	4.2369	4.2002	8.2370	4-3769	4-2058	8-5423	8-2248	4.0939	0.5569	4.3966	
ECM 2pck 30min	41.49523	4.0782	4-6357	4.0945	8.0939	6.60000	6,0255	0.0958	6-0033	4,6949	4.6994	(Pa. (PD) = 0	4.0951	
EGM Spot Ohr	6-3225	9-3660	0.2303	8.3835	4.3773	4,3528	4.8881	81-3355	4.1866	41,2277.6	4 - 3 - 5 - 6	0.0235	4,1649	
ECK 2pct 45sin														
ECN 2pct 4 5hr		0.2063			0.7273			0-2566	8-2008			0.0588		
ECN 2pct the	6.5201	0-2630	域。沿岸市市		8,1033				9-1879			和。 夏斯出版		
ECN 2pet She	8.8955	4-5456	4.0158	4.1286	4.3266	0.2589	4.3025	0.6514	4-2266	4.9756	9.4862	0.0727	0.0657	
ECK 2pet 45sin ECK 2pet 4 5br ECK 2pet 6br	0.1436 0.2551 0.3201 8.935	8.1490 8.2693 8.4650 8.6656	6.9491 8.7863 4.2766 4.2158	0.3459 0.3357 0.553 0.1286	6.9926 6.7673 6.3033 6.3168	6.3559 6.3526 6.3769 6.3589	4.1987 4.1971 4.1908 4.2025	4.1378 6.1188 6.0398 6.6614	4.1096 4.2091 4.1670 4.2269	6. 5300 4.2770 4.2770 4.2734 4.2735	4.1997 9.2940 9.4842	0.0519 0.0518 0.0516 0.0527	9,1405 0,2506 8,1725 0,0627	

I CRITICAL DURATION: The critical duration for the GS AEF is the ensemble ECR Zpct_Zhr.

I The median pattern for this ensemble is sterm 3 (storm name: ECR Zpct_Zhr_3).

I The pattern with the greatest CHar Mater Elevation> for this ensemble is storm AER (storm name: ECR_Zpct_Zhr_10).

Storm 1 Storm 2

I CHITICAL BURNION: 5.5679 4.5027 6.5008 6.0026 6.3709 8.0056 6.3202 6.60
I CHITICAL BURNION: The critical duration for the DR AEP is the ensemble ENN Spot Date.
I The median patters for this ensemble is storm & (storm and : BEN Spot Date.)
I The pattern with the greatest CHAN Water Elevation for this ensemble To storm 10 (storm name : BEN Spot Date.)

AEP: 63.3% - Max Water Elevation (n)

Sweene															
B .	Ensemble name	Storm 1	Storm E	Stom S	Stems 3	Stome 5	Storm 6	Stem ?	Store 8	Storm 5	Storm 10	Average	Std. Dev.	Median	į.
Section 1			CONTRACTOR STATE		in properties:	A STATE OF THE PARTY.	STATE OF THE PARTY	*****	CONTRACTOR OF THE			STATE OF THE PARTY OF THE PARTY.	minument with the board		
1	ECN 63pct 10min	8,6880	3-6583	5,6883	8.45576	8-6361	3-75-59	3-6389	2,4400	8-6500	29,6283	3 - 9502	0.9092	2,6340	1
	ECN 63pct 12bc	2,7692	2.8690	2,5070	2,3955	3,7633	3.7130	2.7205	3-7923	8-7795	3.8586	5,8985	(6) (6) (6) (6)	2.7620	1
1	ECN 63pcs 15min	De T992	8.6999	3,6896	3-9998	2-1003	2.47937	3,6997	31×90998	3.8995	38×10356	$2 \le 0.999(3)$	69-55528	3-5950	1
0	ECN_83pcs_18hr	9-77/51	3.7689	37,9543	2.7005	2:6592	3:8386	20-7958	2,5120	8-8799	3,5011	3.7554	01,0000	2.5900	1
į.	ECN 63pct I 5hr	0.0254	3.8869	2,8540	3,9853	5.8003	3.9750	20-8783	D-8657	2.8523	3,9376	3-8802	9.8119	3-8810	1
I	EGN_63pct_The	2.0549	3.8588	3-9555	3.9623	35,8839	3,9663	20,0627	5.9600	3-8805	3.6538	3.9633	0.4025	2.8623	
	ECM 63pet 20min	37.72000	3.7426	3.7408	3,7308	3.7118	3.3293	20-433-6	3-7210	8.7383	3.7450	7.7450	0.2014	3.7698	
	ECN 63por 24br	5-5910	3.9009	3,7058	3.0250	7.6554	2-6400	2,5509	2.7030	9-8816	3.5403	3.5645	@-677B	2.6500	!
	SCN_63pot_25min	0.7730	3.7723	0.3796	34 834B	0.7700	3,7444	2,7557	8-7010	5.7500	3420	3.7529	0.0923	3.7820	j.
1	ECN 63pcs 2hr	0.8525	3:9839	3.5907	20000	2,5069	378334	8.5983	Da 2888	5.8500	2.0003	2.3583	0.01.03	8:0975	
N.	SCN 63pc% Somin	3, 3969	51.7959	3,7923	3.7127	8-7507	2,7964	8,7923	3.7819	5.7819	7,7583	2,7539	01.0020	2.7930	
	SCN_63pcs_She	8*8883	8.9972	9,5451	8.6399	3.5040	3,9794	20.000.00	328589	3.9978	3,3650	3,9940	0.0259	3.8735	
B	ECS_63pet_85min	3-6372	5.5238	2-63-15	3.0772	31.5373	3.8367	359375	A. 822 A.Z	8,8382	2,6707	5-9388	10-8934	2-9970	Į.
	ECM_Suppl_4_Shr	7-9891	3.8652	2.8215	3.4555	A* 624.8	2,8585	3-8339	3,634-6	3.8798	3.4067	9-9634	60, 55222	26,8468.5	
1	ECN_63pct_6hr	37-1628-59	5.7752	0.8287	37-905000	3-8218	3.00000	2-8054	7.6525	5-3504	3.0688	3.30369	0.0298	8.82396	
	EGN_63pot_9hr	D-655 9	0.7503	3.0838	3,2000	2,6910	3.0000	3,8262	343603	35.65.55	0.7863	3,2387	图。6489	8.8289	Į.

| CRITICAL BURATION : The critical duration for the 69.25 AEP is the ensemble BCM_63pct_Zhr.
| The median pattern for this ensemble is storm ? (storm name : ECM_63pct_Zhr_7).
| The pattern with the questest CMAX Mater Elevation's far this ensemble is storm ? (storm name : ECM_63pct_Zhr_5).

Page 467 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze IOSO

Summary informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 70 No. of ADP Goods: 7 Object Name: Site Result type: Hax

# Ensemble name	Storm S	Steen 2	Stoom 8	Storm 6	Storm S	Storm 6	Sterm ?	Storm 6	Storm 9	Storm 10	Average	Std. Bev.	Hedian	
EGN 0.527 15850	5,2555	3,8592	3-8892	8-2250	3,3992	3.3992	3,2562	3,9959	2.2563	2,3599	3.5999	61, 62,63	2,3991	ı
ECN 0.337 1257	9.529X 9.4576	5.6939	3.8102 3.4588	31,3857	8-5370	3,3529	3.4877	24.9549 34.9572	8,1410	2,1597	5-9539	0.0000	2-0689 2-4676	1
ECH 0.257 (Stdo	2-5598	3,1984	3,6225	8:5095	9,4577	2-4210	3-5679	3,4225	8-4707	2 - 6000	3,4893	64,0000	214000	
ECH O.SEV 3 She	3-5193	3 -5739	35663	3.6839	545856	3:5686	2.563.0	31,5839	2,5593	2,5994	3-2696	0.0055	0.2569/5	į
ECS 0.227 The	3,570	5.5700	3,5725	5,5759	3,5768	3,5935	DeSTAR DeSONE	34,5055 34,5050	3-5757 3-5698	2.5372	3.9839	0.0016	3.9759	
BON GLOSS SALE	3,4049	5,9337	3,3093	8.5389	20,468.0	3,8558	9.4449	3.5090	2.0998	3,2678	3,8650	10,0833	2-8623	i
ECN 0.0EV DESIGN	0.5185	5,5155	0.0183 0.6959	3,5965 A.9649	8.5175	2.5357	8-5851	3,5184 J.5089	2,5597	2.5367	3.4753	0.0564 0.5564	2,3996	
BON O. AET DOGER	3.9295	9,5885	0.0000	3.3889	3,5223	3.5796	2.3331	3,1093	2.5238	3.5252	3.3290	9.8563	2,5275	
ECN 0.257 354	3,5651	3.5881	5,5462	0.2366	9.5634	5,5938	3,5733	2,2774	2,5937	0.5529	5-5952	90.6009	9.5890	
ECN 0.327 45E48	5.5671	8.5835	3.5457 3.3653	2.5472 3.6570	3,9661	2,3661	3.5820	2 . 5653 3 . 5633	3,5673	3,5693	3.5588	0.5122	2.5669	i
BON O.DEY SHE	3,5700	3.5092	2.5739	3.5744	3.985%	3.5463	9.3623	2.5656	3.5500	5,5011	3,5430	10,0283	31,5669	i
EUN 0.227 964	5.5936	3.5329	3.8999	3,5935	3,5733	0.5914	3,5708	3,5285	2.3592	3,5388	3,5077	0.7268	3,9722	

| CRITICAL RESARTION : The critical duration for the 0.227 AEF is the ensemble ECK 0.227 Ehr.
| The median pattern for this ensemble is storm ! (storm name : ECK 0.227 Ebr.).
| The pattern with the greatest come Mater Elevations for this ensemble is storm 5 (storm name : ECK 0.227 Ebr.).

AEP: 0.527 - Max Water Elevation (m)

	Ensemble name	Sterm 1	Storm 2	Stome S	Storm S	Storm S	Storm 6	Storm 7	Storm B	Storm P	Storm 10	Average	Std. Sev.	Hedian	
15 100	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	encicles years are a		Of the second second	*********		AT A DOLLAR STORY OF	SERVINGE SERVICE							
H	men o.ser forto	0.0891	0.2635	3,5639	30 F602	3,3632	3,3662	8,3633	3,3463	3-9574	8.2631	2.3532	0.9891	2.3602	1
8	BON G.SEY LINE	3-4830	2:5269	8:5961	3-2702	8-4988	8 - 40 65	200200	29。15金柱3.	2,4942	8.5672	5-9966	5-5545	2.4927	
N	ECN 0.55% ASSAGE	9-4656	6.6859	3,48548	3:3052	8.4084	3:4033	2.6052	344434	8:4059	34.4983	3 - 69-55	0.03913	3,4854	l l
н	ECM G.SET INDE	9-4463	3.8166	9,5249	2.4520	3.3920	3.3536	3.4135	34.5958	3.2835	3,3927	3 - 58.72	01.885p	3-4663	ı
	ECN_0.527_3_55e	011/3/3/3/3	3.5088	3"2575	3.5600	N.SANT	3.3300	9.53002	31-5399	3,558	2.5561	5.5307	10.000.0	3.8572	Į.
	ECN_O.SET_TOP	3.5288	8-5252	2.5592	N. 2573	3.5276	3,5267	20-5279	31.5227.5	3.5233	3,529%	3.0277	60 801249	2.5276	
	EDGM_D.SEV_20ales	34, 63,65	5,4329	3.6334	358380	55-43000	3.6283	3.4335	35,83583	8-0940	2,6562	354283	0.0005	3.4330	
	ECN 0.021 1450	9.0491	5.2728	3-6732	2.5359	2.2674	3.3995	3-3003	25年6月月1	2 30 82	20-3025	3-3830	0.0529	8-2850	
	SCM O.SCT TESTS	9-6986	0.679.0	5-4927	3.4855	9-4698	9.0009	2.4695	2.4313	2.4076	8,4492	3,4798	0.9018	2-8300	1
	ECN_0.50%_250	8,5852	3,5363	3,5283	2,5009	0.5624	3.5089	9,3846	9,5485	9,5589	2.9678	3.569.6	0.0125	2.5830	
8	COM O.SET BORSE	9,4946	3.4549	2000	3,9942	0.6959	2,3956	2.4942	2,4835	3-4554	8,4948	3,4960	0.0328	3.4298	Į.
- 8	EEN O.SET SER	2,5040	3.5295	5,8628	325260	2,599.5	3.3573	8,022%	34.5256	3.5627	345993	5.5429	0.0170	2.5359	
	ECR O. SER Chale	9,5170	0.0762	5.5184	3.5575	3.5127	36,5367	2,5170	31.5283	2-5374	2.5178	3.5070	19, 8065	2.5470	
	MCN 0.58W 4 Day	0.8530	9.5000	2.5501	3,5083	3.5258	31, 54 59	2-5233	51.5350	0.5579	3.5488	0.5980	0.5100	3.3298	!
	BON O.SES BELL	3/-2554	8-4762	5.0513	3,5365	9.5648	3.3954	3,5686	2.5358	3.8535	3.48530	3.1010	0.5284	2.5533	!
	DON O. SEY SED	3.5454	9-818-6	2-0463	3.3924	8.5198	3,5456	2.5127	3,4806	8,5653	3,4975	3.0007	8,0254	8-26-8	

| CRITICAL DURATION : The critical duration for the 0.557 AEG is the ensemble EDN 0.557 207.
| The median pattern for this ensemble is storm 0 (storm name : ECN 0.557 207.8).
| The pattern with the greatest class dates Elevation for this ensemble is storm 3 (storm name : ECN 0.587 207.5).

AEF: 19 - Max Water Elevation (m)

2000		Berrera - Francisco		*********				***********					**********		*******************
N	Ensemble name	Storm 1	Storm 2	Storm S	Storm 4	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 50	Average	Std. Dev.	Nedlan	1
FRANK		TERRETARINE TO SERVICE STATE OF THE SERVICE STATE O	TARRANA TO THE	PERMIT		EZPURION PORTO			WKATAPAKAPA		SPRESTREET		0252522222		Construction and the construction of the const
1	ECM ipct lömin	51-30165	51.52107	5,5368	3-5037	8.0290	2.5250	3,3264	3.500.6	5.5269	3,5145	5.5260	07.0000	3.5000	1
i	SCN lpcs 12hr	9-6886	3.3885	5-8589	3,4223	8,7656	5.5105	3,4234	3.7756	3,6565	3,7999	3.6666	0.05.59	5.0627	į.
18	EGN Ipct 15min	5-5280	3,5783	3.5377	3.5777	3,5491	3,5750	2,5778	34,67,63	2-5779	2,5778	3,5129	81-6203	3-5373	ž.
10	EGN lpct 18hr	7,4206	0.4094	3-5239	2-6323	31.4834	2.6687	31-42590	36-65-57	3.8313	2,6270	3.6379	20,017.0	3-6145	į.
li .	BUN Ipct I the	21-6878	0.0568	3.6502	0.5608		2,3548	3-36966	21468866	3-6500	27-6457	3,5320	9,9833	2-6598	1
	EGN_ipct_lhe	2.6819	2.6437	26,5423	3,4366	3,7898	0.6489	254375	2-9593	0.6391	3,42,92	2.8219	9,9832	2-6395	1
1	ECM lpct 20min	5-5263	3,5506	2,7955	3.5339	9,5462	3,9264	是。在於有效	3,5963	8-0968	S 1000 5	3-5993	0.0002	2.5963	1
	BON THOS 24br	3,6325	3,43,24	3,6438	8.8828	9.4888	3.9396	3-61.68	39,0000	8-8556	2,5993	2-6290	0,6363	2-22-57	1
	ECM Ipct 25min	0-9573	3.6000	0-807E	24 255 7	5,6573	3-9095	3.4673	9,5272	0.0077	3,6238	5-6675	0.40868	2-2617	į.
	ECN Aget 2hr	8-6383	3.6539	3-6531	3,8550	30.6539	34,9555	3,8320	0,0043	3 - 8605	21-6664	3.8553	6,8039	2,4551	1
N .	ECN 1pct 30min	3-5389	5.8159	8-8583	0.6159	3.6256	3 - 9252	3:83.60	3. 93 63	2-5362	9,6188	8-8259	69-38-63	3:6260	1
B	BCN Spct She	5.6658	5、88883	3.5900	3-5460	3,6633	3:8435	3.8478	28s 45t 375	3:4480	2:6553	3,8580	(Pr. 52) 62	3 - 6490	j.
10	EUN_ipot_dimin	3,6830	0.6399	3.6876	A. 6126	0.6023	3.5306	8-923-8	3-6140	278237	37.63322	3.6396	0.0000	8-699	
	ECN ipot & She	2,6997	9,8575	3,8476	3-5750	3. 2356	3.6670	3.6528	31. 2513.25	3-6579	3.46369	3-2563	0.0000	3-6095	1
	ECN tpot obr	0.7024	0.5000	3,4456	8,6368	9.4422	3.6489	D. 956E	20.7288	2 - 194 (4)	8.6685	3-9639	8-28500	2.6672	ı
	ECN ipcr Shr	3.43945	3 - 6490	多山色是美華	3 - 62 65	20.7522	3-9375	5.4116	37, 31, 95	5.6309	8,9499	8.6846	0,0000	3-9650	1
No. of Street,	WILL WILL WINDOWS STREET, WINDOWS STREET, WAS AND WAS	WILLIAM STATES OF THE STATES O	COLUMN TO STREET, STRE	PRINCIPAL PRINCIPAL STATE	PERMIT	NUMBER OF STREET	STATE OF THE PERSON NAMED IN	PRESENTATIONS	DESCRIPTION OF THE PARTY OF THE	CONTRACTOR STATE	Children World Co.	NAME OF STREET	SELECTION OF STREET	BEAUTISCHE WEIGE BERTEIL	 Ресультация продости по предости по пред

	ARP1 20%	- MAR Water	Elevation (s	1)												
0				ORDERSKE SERVE							**********			STREET, STREET		COLUMN TO A STATE OF
- 1	Encemble same	Storm D	Store S	Storm 3	Storm 6	STORM S	Storm 6	Storm 7	Storm 3	Store 9	Store 19	Average	Std. Dev.	Medium		- 1
(%	athetic community and a property of the control of	SCHOOL SCHOOL SECTION AND ADDRESS OF	AND RESIDENCE AND ADDRESS OF THE PARTY OF TH	months and disney		ACCORDING TO A STATE OF THE PARTY OF THE PAR	action of an artist and a series	SOLETH HOSPICATION	CONTRACTOR OF THE PARTY OF THE	action and the second	cuctive elatority (c	SECURE OF STREET	OR RESIDENCE AND ADDRESS.	THE RESERVE THE PARTY OF THE PA	CONTRACTOR STREET, STR	Sea. N
- 1	CON 10pct 10min	3.4525	3.4295	3.2200	3.8243	2,4250	3,8253	2.4330	3.4333	9-4245	9-4232	2-4268	0.0064	8-0239		1
- 1	ECN 10pcs 12hr	3-5729	5.8265	3,9882	2,5738	3.8713	3,5350	2,2747	2.2857	3,5999	3.5888	3.3795	0.0322	3,3700		- 1
- 1	EUM 10pct 15min	3-3000	8.5026	2,5095	3:5533	3,0029	3,5926	2,5530	2.5569	26 - 500 742	20-15692	3,5929	D. 2000	2.5530		1
- 1	ECM 10pct 18hr	0.0000	3,5660	\$60Z5	3.5462	9-6943	3,5689	0.5203	37.53(69)	2-0298	3.5650	3,3596	0.9235	8.5390		- 1
- 1	BGN_10pot_1_5hr	0.8043	5,3956	3,6057	2,2959	8,5969	3,0000	2,5997	3.5953	2,0020	2,6357	3.8600	0,0023	8-0905		- 1
- 1	ECN_10pct_lhr	3.0954	0.5905	2-6929	3,5883	3,6091	3,5989	3,6953	3,5923	3,6998	20.0648	3-5935	9.8524	3,5559		- 1
- 1	ECM 10pct. 20min	9.5246	3,5850	3.3290	3-5232	9,5253	3,3250	0.8250	3,5353	2-8259	3,5340	3-5250	81,5695	2 - 5250		- 1
- 1	Eth 10pct 24hr	5,6550	5 - 3659	31.5583	3.4255	D-15570	3,8000	8-6538	3-5363	5-4500	3-5110	2.5976	09-27-63	3-5950		- 1
- 1	ECN 10pct 25min	5-5478	3-5437	3-3463	3:5470	3-5363	3.5892	3.0888		3.2450	3,2333	3 - 2439	8:0058	2.5881		1
- 1	EUN 10pcs 2hr	3,5977	3.6592	2,10000	3-5395	3,8099	3,8885	258038	3.9952	248028	3 - 60 50	3-8020	0.3546	3 - 8533		1
- 1	ECN 10pct 30min	3,5573	3-2677	272239	2.55.70	8,6879	0.5668	3:4883	3.8667	3,5395	37,5063	3.5578	G-REDE	3:3578		ì
- 1	EGN 10pct The	8.5995	3.5949	21-12/53	X - 6450	8,595%	2.8977	3,6313	3,42066	2.6900	30,453,353	3-6637	0.0072	S - 88843		1
- 1	ECM 20pct 45min	5,3880	3.5849	3,5851	8-0458	3,5880	3,3954	8,5560	3,5844	8,0850	9.9852	8-3030	9,8003	2 - 5 - 5 - 5 - 5		- 1
	EGN 10pot 4 Shr	2-3526	3.5398	3-6061	2,6845	2,5689	3.6751	20,5272	3,5992	2.5062	3.6253	3,0950	6,2123	2-2009		- 1
- 1	ECN 10pcs the	D-6893	0.0990	第二级形型 6	5,5524	8,8098	0.5083	2.3827	32 - 63 12	表。我的表现	3.5347	8 - 5967	2,0122	8.5939		- 1

ECH 10pdt 6hs 0.8003 3.9606 5.5819 3.5824 8.8898 3.5303 5.7803 5.7803 5.6805 8.6805 3.5807 5.7807 5.

ARF: 50 - Max Nates Elevation (n)

(N) (28)		NAME OF TAXABLE PARTY.	THE RESERVE OF THE PARTY.					A					THE RESERVE OF THE RE		***************************************
	Ensemble name	Skorn L	Sterm 2	Storm 3	SENSE S	Stom 5	Storm 6	Sterm 7	Storm S	Steen 5	Storm 19	Average	Std. Dev.	Hedlan	1
(2) ba		OR THE RESERVE AND ADDRESS.	***********			***********			**********		THE RESERVE AND PERSONS.		THE RESERVE OF THE PARTY OF THE	***********	Consideration
	ECN 2per 10min	24,5805	9-5169	3.8401	3,5002	级。也是被交	2.3368	01.5100	3,5200	7:0300	28,20001	0.0460	0.2001	2,51002	1
	ECN 2pct 12hr	D-8250	5.8269	3-5914	2,6160	3,7250	3,5754	2.81.28	3.7333	3,8738	3,6688	8.0478	0.0350	8-9274	j.
- 1	EGN_2pct_1tein	3.5645	3.5667	3,5632	9.3638	9-5650	349449	0/439000	34,0440	5-8689	3.3634	3,5659	10,6055	3.5686	1
	ECM 2pct 18hr	34-E008	3.5977	5,6649	8-59-30	2,6559	1 483 764	5,4063	2-5154	9-9308	8.6005	3-8230	0.4219	3.8593	1
	ECN 2pct 1 5hr	Ja 582 B	3.6093	8,6898	2.6390	35.6848	2.5490	0.4342	21,4300	8-6373	5-4238	2-8350	8,0553	2-6044	
- 1	ECN 2pct Thr	0.6290	9-4267	3,4285	3.8265	2-6276	1.6766	9.45257	31, 62,68	2-62.0%	3.4000	3-6270	We 25034	5-5272	1
- 1	ECM 2pcs, 20min	5-5339	5.5036	2:2620	3.5629	2*2630	0.5881	2,5821	2:5000	5 - 5000	0.5684	D-58000	0,0000	3 - 5939	1
- 1	80N 2pct 24hr	39-163/312	3-5980	2,6219	3,9500	2,8376	3.0255	3,5955	3,9391	2.5224	2000年9	3-2973	0.43399	2.6656	1
- 1	ECN 2pct 25min	9,5804	5,5962	3,5957	31.3333	3,5983	5.5358	2.5992	3,5353	2:2950	3,5353	3.5950	0.6002	2.5350	1
8	EGN 2pct 2hr	29-5398	3.8351	3.5342	3,6323	3,6348	8,6327	20.6332	3.000	3-9414	25.65.42	0-8376	0.5593	2.4284	1
- 1	BOM 2pet 30min	3,4996	3.6063	3,6880	8,6007	34,6035	3,8003	8,40,63	3.4000	2,3042	3,0008	3.0037	9.0505	3,6040	1
	EGN 2pct 3hr	20-24 60	0.48869	3,0550	3,5230	9-6679	3,4359	3,6397	2,0524	8,8290	35,468,500	5-8948	0.0000	8 - 5 3 5 3	1
- 1	ECK 2pct 45min	2.5209	第一整整整线	9.4195	0.6296	9,6234	3,6198	8.2197	34.93293	5,0393	8.6193	3-5198	W-0008	8.4295	1
	ECN_Spot_4_Shr	Bank 24 5	3-6395	2.6299	3, 1157	0-5249	2.5393	2-6302	20,000	2-8275	0.6890	3:6359	0×0504	3 - 90 50	1
- 1	ECN Spct. She	0.6849	3-6299	30-6273	3,9096	0.8263	3:2201	8-8763	34 97 340	7:5251	29-5-37	3-8623	49.6355	2 - 623 6	l l
- 8	EGN 2pct Shr	5,4246	3,6255	3,5858	3,0593	3,4857	3.6973	5.6796	3.5399	3-2259	5.6223	3-5333	9,0378	3.6259	i i
(H) 100	CONTRACTOR	AND RESIDENCE OF SHARE S	AND RESIDENCE OF SHARE S	District Control of Control	CONTRACTOR NAMED IN COLUMN 2 I	Contract to the Contract of the		THE RESIDENCE AND ADDRESS OF THE PARTY.	THE RESIDENCE OF THE PARTY OF T	CONTRACTOR AND ADDRESS OF THE PARTY OF THE P	CONTRACTOR OF STREET		THE RESERVE AND ADDRESS.		

: CRITICAL DURATION: The critical duration for the GR AEF is the ensemble ECR 2ppt 2hr.

I The median pattern for this ensemble is storm S (storm name: ECR 2ppt 2hr_6].

I The pattern with the greatest **GEX** Mater Elevation** for this ensemble is storm IS (storm name: ECR_2ppt_2hr_10).

ABP: 50 - Max Water Elevation (m)

Termenda etc more estre come	OF STREET								alessis established		and the state of the state of		***********	Seasonament de la company de l
Ensemble name	Storm 1	Stem 2	Storm 3	Sterm 6	Stoom 5	Stem 6	Stem ?	Storm 8	Steim 9	Storm 18	Average	Std. Day.	Nedian	
# ECN_Spot_10min	9-3756	3,6797	3-4703	3,4250	8-4709	3.4203	3-4737	3,4759	8-4598	25-6722	3,4889	0.5005	2,4050	1
ECN_Spot_12hr	3-5963	0.6479	3.5910	9,5943	3-5415	3 - 20.89	3,5847	31,43324	2-6208	25, 42, 98	3,5856	9.0488	8.5942	į
BCN_Spct_ISwin BCN_Spct_ISwr	0.0231	9,5500	9.5251	2×5299 2×5365	9-5229 5-6574	5 - 5652 3 - 5627	7.8233 7.5654	2×5254 3×5252	R-5223 R-5736	8.522E 8.6756	5.5238 3.5646	0,000	5 - 5285 8 - 5355	
DON Spot 1 She	2-9200	0.7320	8,6219	3.40020	9-63.27	31.4276	8-8158	2-61.26	8-849.93	31,6220	3 (83) (60)	0.0000	B-63507	i
ECN_Spot_lbe	3,6114	2,8679	31,550,600	3,8044	3,9000	3-8993	3,4310	31.50 68	2-9824	3:6132	3,0929	0.000	A COM	į.
EUN_Spot_20min EUN_Spot_24hr	3,5000 3,6003	5,5523	9.5523	2.5659	3.5729	3.5632	3,5565	3.5616	3.8619 3.8289	2.5673	3.5668	0.0316	3.2690	:
ECH Spot 25min	3,5760	5.5783	9,0775	3,5758	8.5763	2.0765	22,6743	0.5762	3,5758	3,5763	3.5759	0.0005	3-3760	i
EGN Spet 2hr	1.8537	9.6261	2.6449	3-8093	2,9836	3.46967	SPECAL	2. 49.16	0.0200	2 42 54	8.6889	0.0047	8.8799	!
EUN Spot Stelle EUN Spot Shr	3,3650	0.5869 9.6927	2.5649 8.4528	9.1951 9.6829	9.5259 9.6257	3,3253	2 - 15 5 5 2 - 15 7 7 8	3. 3835 3. 425.0	2-5252	3-9500 3-0165	5.8257	6-5558 6-5568	8-9950	:
ECN Spot diskin	3-9505	第二届登号 是	5.6815	3.6872	S-RALS	3.8023	51-6511	3.9936	8 - 6023	35,6933	9 - 800 0	(0) - (0) FD (0)	3.4897	i
ECK Spet 4 She	3-6136	5,5951	3,6167	3.4229	2,6067	2.5554	9-6161 2-8086	31,4234	3,4229	3,4000	3.8960 0.6550	0.2115	3.6130	1
ECN_Spot_Shr	9,4382	5.6833	8-8169	3.5980	34, 92, 57	5.0567	3-8316	3.5942	3.0994	3-6358	3.5089	B. 0095	2.4819	;

| CHITICAL BOOATION: The critical duration for the SC AEP is the ensemble BON Spot Thr. |
The median pattern for this ensemble is storm B (storm hame: ESM Spot Mrs.) |
The pattern with the greatest CHAN Hater Elevation for this ensemble Is storm ham are 1 SCH Spot Mrs. 10).

AEP: 63.2% - Max Water Elevation (m)

Sara			*******												
8	Ensemble name	Storm 1	Storm E	Storm S	Stems 3	Stome 9	Storm 6	Stem 7	Storm 8	Stom 5	Storm it	Average	Std. Dev.	Nedlan	1
300						and the wind in the part		*****		******		CONTRACTOR STATE	min a major desired to a federal a		Constant for the property of the first party of the party
1	ECN 63pct 10min	B. SEET	3.8200	9,8286	8.3189	8.5383	5.3293	3-8889	2,0201	0-2282	3,3331	3-5282	(9, 402)	2-32-6	t t
1	KON 63pcs 12bc	2,4052	2.4341	2,001.0	2,4652	3-358K	2.3720	7.3899	34.52.15	3-9259	36,46973	3-2793	@x6555	8-20000	i
1	ECN 63pcs 15min	39-3673	8.5660	8,2673	2-7672	20、用原花园	25.2532	3.2670	2 . 709/01	35,3546	3,3675	3 - 36600	00m VEO 13.5	N = 2007 V	i
i i	ECM #3pcs 18hr	9.3990	3.3799	31,0007	25-305-6	2-3303	21,000	20.20032	27.2293	3.0493	3,2996	2 - 9893	04.2519	2,3585	i
	ECN 63pcs I 5hr	2-4973	3,8656	至二九百万万	3.5035	9,6059	3,4955	20.0020	3-2023	2-5077	3.5007	3.5566	9,0084	3-5600	i
1	ECN 63pct the	2.4892	3.6837	3.4821	2.4878	3,4901	3.4332	2,4808	5.4864	3,6897	0.4699	3.8970	0.0027	3.0902	į.
i i	ECM 63pet 20min	3,3925	5,3922	3.2525	3,3903	3.3422	3.3925	3,2895	3.3928	8.3555	27.2925	7,0995	0.5003	3,3920	i i
i	ECH 63pcc 24br	5,2976	3.3268	3,9681	3,4454	7.2422	0.0088	7,7361	7,9864	3-9657	8.0923	3.7557	图4图数数17	2.0395	i
1	ECN 63pot 25min	D. 4997	3-5090	2,4696	0.4557	0.4892	3,4963	20,6000	35,4926	表示是否的	0.4009	8,4590	0,0066	3,4998	i
1	ECN 63pcc 2br	0.4551	3,4682	3,4992	8:5054	8,5526	3.9992	8-5955	0.9000	2,8998	2.6522	3-3699	0.0035	8.5850	i
i .	SCN 63pc% Sonin	31,423.5	51,4235	3,4239	3:4220	34425.6	37,4215	9,4224	3,4533	3-22-7	8.4223	2-3222	01, 2000	2-6905	i
ii .	SON 63pcs She	9.3009	5.4860	5.5163	8.4638	9,6312	3,5929	N-ATEL	31,4333	3.5328	3,5859	3-4960	0.6122	3 - 5500	i
В	ECS 63pet 45min	5-4635	9:25%6	5.6600	3,8656	29.46649	3.6693	3.4850	3-4650	3, 9465	3,6935	SL-REST	10,0000	9.8686	i
H	EGN 63pct 4 5bc	7,5238	3.6699	3-6800	3,8232	20、福祉政治	2,6769	29,4960	20.400,000	3:5001	37,39839	0.6920	0,0227	24,4894	1
H	ECN 63pct Shr	0.4808	5.5990	3,45,45	3.0001	3.4399	3,4298	3-4343	3.0000	2:42.92	3,6884	3,9533	0-0285	2.8120	i
į	EUN 63pch 5he	3,5012	0.9895	3,5993	3,5995	25,4922	3,1004	254865	31-4934	35 4178	0.4153	3,4500	0.0614	8-4494	Į.

| CRITICAL BURATION : The critical duration for the 60.25 AEP is the ensemble BCM_G3pet_Zhr.
| The median partern for this ensemble is storm 0 (storm name : ECS 63pet_Zhr.4).
| The pattern with the questest COMM Hater Elevation's Fax this ensemble is storm 3 (storm name : ECS 63pet_Zhr_5).

Page 468 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze IOSO

Summary Informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 70 No. of ADP Goods: 7 Object Name: 94th Resolt type: Max

I Ensemble name	Storm S	Steen 2	Stoom 8	Storm 6	Storm S	Storm 6	Sterm ?	Storm 8	Storm 9	Storm 16	Average	Std. Bev.	Hedlen	
# EGN_0.557_15850	5,3927	311529	2,3622	2.3029	3,3637	2.8659	3,8816	3,9626	3-7533	3,3927	3,1827	81,5561	2,1017	I
ECN 0.359 1250 ECN 0.257 (5636	9,2948	5-2955 5-2856	5.0966 5.0569	8,0449	9-2970 9-2062	3.3273	2-2557	3,2552	8-2000 8-2009	2,2499 2,2093	3.3869	© . 82 1/8 0 . 90 92	2,2500	1
ECN 0.250 1952	0.2968	3.2197	3.5000	8.2216	2,2009	2,2565	3:2809	38.2555	8-2013	2,1112	3.2535	0.1319	3.5545	
ECH O.SEV 3 55-0	3,260%	3.2696	3-2518	A.2867	5,2689	1.2697	2,2636	31,2536	5,2718	31,2532	3-2512	O. ODES	1.2760	į
ECH O. Sty 25830	5.2208	3.2797	2,2206	3-2606	9.0000 9.0228N	3,22639	9.3266	31-9598 31-9598	3.2687	31,124,30	3,2980	0.5082	3.5996	
BON 0.027 3650	3,1636	5.1982	9.5298	3.3590	0,2869	3.0990	9,5818	9-0349	8-2429	3.9594	8.2019	40.58.56	3.3880	
ECN 0.327 25556	0.2555 0.2555	3,2354	9.2011 3.2004	8.2022	8,5459	2,2505	8.8536	3,2512	2,2369	3,2315	3,2700	0.5062	2.2720	
00H 0.2EV 39629	3,2390	9 - 0:398	0.0399	3-2009	3,2999	3,18999	2,0399	3,23598	2.4395	3,5598	3-2112	9,9500	2,3392	i
EEN 0.287 354 ECN 0.387 45648	3.2593 5.3523	3.0643 5.8569	5.2510 5.2510	0.2581	9,2744 9,2715	2,4596	3,3551	3,2240	5.0705	3.9522	5.2671	91.5994 91.5997	9.5668 2.2524	
BON 0.25% 4 586	0.2639	8.2550	9-2463	2-2458	9,9589	3,2582	3,2848	3.2654	3.2009	3-2688	3-2625	0.0100	2.2620	i
ECN_0_ZEY_Shr	5.3404	3.2584	3-2592	3-2524	3-2249	2.3467	2,2472	2,2672	2.2475	50.000	3.2585	6. 8888	3,2563	
ECN_0.2ES_964	9.2935	3,2391	3,3737	2,2797	3,1550	5.2783	0.9326	3.7338	2,2462	5.7286	2.2309	0.6168	3,2540	I

CRITICAL BURNATION: The critical duration for the 0.227 AEF is the ensemble BCN 0.229 Ehr.

The median pattern for this ensemble is storm 1 (storm name : BCN 0.227 Ehr.).

The pattern with the greatest communication for this ensemble 12 storm 3 (storm name : BCN 0.227 Ehr.).

AEP: 0.527 - Max Water Elevation (m)

	Ensemble name	Sterm 1	Storm 2	Stome S	Storm 2	Storm S	Storm 6	Storm 7	Storm S	Storm ?	Storm 10	Average	Std. Dev.	Hedian	
15 100	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	entral backgroup and		OGENERAL STREET	THE THE PARTY OF THE				*******			OF RESTREE ASSESSMENT			
H	DOW 0.9EY 19sta	0.1635	0.0561	3,2545	3-1640	3-1833	3,3659	2-1900	3,3646	5-0528	2,2535	9:4659	0.685%	2,2509	1
	BON G. SEY LELY	3,2067	2,2349	5-2772	0.2959	3-3993	8,1698	2,3852	3,3516	2:2310	2.2566	5,2699	69 - 5000 6	8-2957	i
N	ECH 0.55% %5mle	3-2863	0.2869	S.ARES	8.2950	2.5882	3-3657	3,1987	3.1842	8-1862	3748983	3-3583	的。(17)有3	2.2552	,
н	BON G.SET INDE	3-3649	3.3995	5.2689	8.3900	0.0713	3.27000	9,1806	31.3576	8-0789	3,3527	3.1979	0,0000	3,3840	
- 1	ECN 0.537 3 55e	01,12,838.0	3.2388	2.2704	2.2410	3-2501	3.2390	3-240-3	3-2569	3-2462	3758.50	2-2490	10.100.00	3.3868	I
R	ECN_O.SET_TOP	7.2294	0.9350	5-2346	2,2573	3.2370	3,2993	3.5333	37.01360	9-2009	3.23067	2-533	(9, 386 Tw)	X-3000 E	
	EDGME_DUSEN_IFORING	36,2836	5,2995	3.2058	3 - 3 - 3 - 3 - 2	262068	3,2094	8,2007	3,2564	2.1977	3,2007	9.2000	0.0002	3.2000	
	EGN 0.027 1450	27.8659	5.1687	37.7540	2.2150	3-2450	8.3655	2,8705	2.3687	8.1865	39,434.4	3-6752	0.9202	2-2720	!
	BON O.SET TERRO	0.0000	8.2999	5-5685	3.2664	9.7003	3,2000	0.2688	0.5014	8.2519	2.2008	3.2591	0.5893	2.3591	Į.
	ECN_0.50%_250	8,2829	3,5335	9.3348	2,2020	0.5476	2,3965	8,7483	3,2428	9.2686	2,2478	3.3000	0-9352	2-2699	
8	OCM 0.5ET 3GESA	9.2161	3.2166	3-8190	5,0159	9-2169	2,2062	2,5169	2,2332	3.0360	8,43359	3-5460	6-6583	3.5360	!
	EEN O. SET SER	8.2819	3.2577	9,0898	3, 2323	0.0476	3,200	2.2516	2453245	2-2473	SHEETS	5.3610	0.10170	2.3490	!
	ECR 0.55% Chale	9,22798	5.2251	0.3253	3,2106	3.2399	3,3257	2-2303	3.2259	2.2024	7.0295	3-3899	10,000.6	3,2293	
	MCM_O.SEW G_DAKE	0.2561	2.2290	2.2231	3,2305	3,2359	31.2257	3,9395	51, 2271	2.3338	2.2420	0.2082	D. (8259)	3.23%2	!
	BON 0.583 BAR	3/-12/201	8.2980	3.2233	3-4272	3.2586	3.3299	3-5558	3.0393	3.563.5	2.2341	3-5268	0.9030	3,2230	!
- 8	ECN G. SEY SEV	3-3530	8.8087	3,2442	2,5433	9.4367	3,2496	2.3243	31 ₄ 7689	3-2558	3.3335	3.7550	8,7194	8.2058	

| CRITICAL DURATION : The critical duration for the 0.557 AEG is the ensemble EDN 0.527 207.
| The median pattern for this ensemble is storm 0 (storm name : ECN 0.557 227 8).
| The pattern with the greatest class dates Elevation for this ensemble is storm 3 (storm name : ECN 0.582 207.5).

AEF: 10 - Max Water Elevation (m)

N	Ensemble name	Storm i	Storm 2	Storm S	Storm 4	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 50	Average	Std. Dev.	Nedlan	1
80		THE PROPERTY OF THE PARTY OF TH	STATERANCE PROPERTY.	PERMEASURED	THE TRANSPORTED BY	CONTRACTOR PROPERTY	NAME AND ADDRESS OF		WESTERFEITERS.	VARIOUS PRINCIPAL PRINCIPA	MARKATAR CARL		CREATERFRANCE		Sammera and a superior consistence of
- 1	DON ipct lösin	39-136573	5-2375	2.0153	8.9374	8,2372	10.000	3-2373	25,2000	5.2579	31.123723	3.2373	00.0000	36-203003	1
- 1	SCN lpcs 12hr	3.2071	3.3208	8-5957	3.5655	8-4536	5,35000	31,3995	3-9379	3.3309	3-2323	3,5199	0.0378	8,5980	i
	ECN Ipct 15min	5.2643	3.2842	8.2537	35-390 33	3.2648	3.2839	2-2638	3-2645	3-2839	0.2538	3,2639	0.0000	3-263%	i
10	ECN lpct 18hr	3.29%0	0.2830	3. 9009	2,3058	31,3829	0.3585	21,3653.7	22,3666	31,359390	2.3233	3-3879	25 - 021405	26 - 370 933	į
- 1	BON Ipct I She	2-3346	0.3061	2-3275	9.70533	35,307%	2.2869	D-3207	3.3388	3-3359	27-22072	3-3500	0.0001	9.0220	1
1	ECN ipct the	25,4275	2.50000	26.25.53	3,3237	3,3240	0.0265	3-3232	9,3929	3 - 325 349	3.7230	0.0265	9,9523	9-32-55	1
- 1	ECM lpct 20min	5-2850	0.2200	2,0514	3.38853	9-1297.6	2.00000	2.2416	34. 新安全等	2.0557	であばままえ	3.2617	0.0002	2 - 53 9 7	i i
- 1	BON THOS 24br	0.808.6	2.0984	3,3273	3,3524	9.5129	2.8334	3.1516	2,3355	5-2147	2-2762	9_3887	心 人包含是是	2,3524	1
- 1	ECM Ipct 25min	0.2220	9.2952	8,2928	302346	5-1948	3,2933	3.2939	3-254	8.2548	8-6247	5-2245	Um 0.003	3-2016	1
- 1	ECN Spot She	54-3863	5-3335	8-2870	3-3393	0.3243	14.9926	3-3288	36.5338	3,3389	363432	A. 2000	6.2753	3.5320	j
N.	ECN 1pct 30min	3-5010	5-3537	3.3036	2-3629	2,502.5	3.3858	3,2030	2.5635	3,3833	9,3050	0.3829	0.000	31 - 2025 3	1
18	ECN ISCS The	5-3715	5-3286	253452	24,0227	3-3191	3-2262	3-2226	2-5276	2-2598	2.0402	3-3278	0.5096	3 - 72300	1
- 8	ECN_lpot_dimin	3,3232	0.3280	3,3196	3,3233	2,3801	2,3000	27,3346	2,2474	2:3290	38.3288	3.2169	0.0925	8.3165	
- 1	ECN ipot & She	3,3689	3.3393	3.0218	37, 231900	3,3165	3 - 33 2 3	3-3598	3.3846	9,0381	3.3649	3.3790	9.0167	2-2259	1
	ECN that one	0.3850	3.5948	3.5313	8.3339	9.5372	3,3269	2-2762	3-3744	8 - 32 (5	8,3028	3.3387		8,3236	1
- 1	ECN_Ipck_Shr	3,3333	3.3290	2,3000	3.3064	9.1622	0.0870	8.7629	3,2996	8,8849	2.3581	8-8889	(i) . (ii) . (i)	3.5299	1
(8)	DESCRIPTION OF SECURITIONS	WELL BROKEN BY SER	CHAPTER AND STREET	PARTICIPATION OF THE PARTY OF T	na na nenana nona	CONTRACTOR PARTY	VALUE AND DESCRIPTION OF		ORBITATION	OR RESTREE AND PERSONS	CHARLES ON DESCRIPTION OF	STREET,	and for water	ON A WARRING CONFIDENCE OF	Programma constitution of the second constitutio

CRITICAL DESATION: The critical duration for the 50 MEF is the ensemble ECM 1900_2br.

The sodion pattern for this ensemble is storm 6 (whoch name: ECM 1902_2br. 6).

The pottern with the groundest data Motor Schwarzen are the semble in storm 50 (whoch name: ECM 1901_2br. 18).

AEF: 10% - Max Water Elevation (n)

Property and the second	-		ORDERS SERVICE	-					-						è
Encemble same	Storm D	S wearth	Storm 3	Stoom 6	Storm S	Storm 6	doorn 7	Storm S	Store 9	Store 59	Average	Std. Day.	Median	T T T T T T T T T T T T T T T T T T T	j
* Participation of the Control of th	entransación anoque et	NO AGEST STREET, STREE	monancolida (med	terrological control of	CONTRACTOR STATE	MACRO SERVICE MA	SOLECTED ROOM REPORTED	enforcement on the market	were and a later of the later of	acucaise ataxabeata	THE PROPERTY AND PARTY.	CONTRACTOR AND ADDRESS	management of common	emprecia de la constitución de l	ĝ.
# 6CN 10pct 10min	3.9968	3.1962	3.2963	3. 1961	9-3993	3,1967	9-3367	9.9086	3,1863	0.9962	3.1980	0,0050	8.3554	j i	į.
# ECN 10pcs 12hr	9.3988	9.5946	3,36000	9,3543	3.0946	3.2399	25.2624	3.2697	2.2799	31,238,763	3.2622	0.2270	3.3947	j	į.
# ESS 10pct 15min	3-2197	3 . 28 97	2,5167	3.2252	3.2208	3.3198	37.00009	30,000,000	2-2203	37.273(3)	3,2270	F-8442	8-5990		į.
ECM 10pct 18hr	0.2309	2.2010	3.2991	3.2273	9-2434	2,2436	0.2250	9-28-69	3-7-3-2-5	3,2438	3.2550	9.9187	7-2565	The state of the s	į.
DGN_TOpot_T_Shr	3-3255	5,8759	0.0887	Sn 913 35	3-3387	3,4582	2-1803	2.2772	8,2310	2,25%8	9-2816	0.0013	0.0000	j.	į.
ECN_10pct_lhr	3.2580	3.0768	8-2353	Su 2395	3.2764	3,2783	3-5793	2-2704	3-2797	2,26,16	3.2768	0.6030	Sec. 63 8.50	j i	į.
ECM Seper. 20min	3,2339	3 - 2346	3,2361	3.2763	9.2993	3-2161	8.2391	3-2833	2-2863	3.2389	9,2389	8148891	2 - 2350	j.	į.
BIN 10pcl 24hr	8.5132	5.5625	5,2508	2,1958	0.2949	3,2200	9,2965	3.9273	5-2139	3,5299	2,3346	0.5322	3-2280	j	į.
# ECN 10pct 25min	5.2863	2-2400	3-2555	3-2859	3.2457	3.2460	3.2349	32.23.53	2.2662	3:12460	3.2450	8.2000	2,2693		į.
EUN 10pcs 2hr	2,2897	3-2612	5-2745	3.0792	3,2937	37-3434	3.0000	2.2899	31,2930	2-23-66	3-2520	0.0998	3 - 20 26	T T	į
ECN 10pct 30min	3-2931	3-2938	8-2032	4.2508	2,0530	2.2548	3:2962	3-2537	3,2543	39.9543	3,2539	046666	2:3530		į.
ECN 10pct like	8-2753	3.3739	2,2728	8-3980	9,2782	2.2884	3,2968	3,775	373,609	3,2547	3.2620	0.0077	3-2959		į.
# ECM_10pct_45min	5,2644	3,2692	8:0088	2-3700	3.2793	3,2794	2-2691	2,2650	8-0708	2.2763	2,2470	80. BES 9	8-2399	j j	į.
EGN 10pct 4 Shr	(Ba (2) 10 10 10 10 10 10 10 10 10 10 10 10 10	3,2953	9-2939	2-2658	9,2037	2,2966	20-3773240	3.0234	8 - 208 (02)	3,2952	2000	6,3127	3-2750	,	į.
ECN 10pcs 6hr	0.5094	Dischiller D	2,7655	3,2425	50,000,000	0.3556	92. DEFE	32,739.54	9 - 2509	8-2565	11 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2,2123	N = 208 340	į.	į.
ECN 10pct Nor	3,2820	3.2828	8,9753	3,2563	0-2703	31.25032	3-2797	25.25.6Y	3.2778	Se2491	3-2650	0.2694	3.2669	1	ŀ

I CRITICAL RUMATION: The critical docation for the 200 AEF is the ensemble ECR_10pct_thr.

I the median pattern for this somewhile is atom & (atoms name: ECR_10pct_AEr_8].

I the pattern with the grosbert -Oux Mater Elevation> for this ensemble is atom 10 (atoms name: ECR_10pct_AEr_8).

ARF: 50 - Max Nates Elevation (n)

(%)	A COLUMN TO STREET WAY AND A	REAL PROPERTY OF THE PARTY.	THE RESERVE OF STREET	*************											
- 1	Ensemble name	Storm I	dicere 2	Storm 3	SCHEEL S	Stom 5	Storm 6	Steen 7	Storm &	Steen 5	Storm 19	Average	Std. Dev.	Hedian	
		THE RESIDENCE OF THE PARTY OF T					**********		**********		THE RESERVE AND PERSONS.	DE * 3 E D D D D S S S S			
	ECN 2prk 10min	5,0296	0.2255	0.0054	5. 1565.7	30.00555	3,2235	31,352,55	3.2254	2-2254	8-2224	0.0000	9.8001	2-2755)
- 1	ECN 2pct 12hr	0.2355	3.3026	3,2758	3.2753	3,3832	3-57-0	21.2926	37.3923	0-2123	3-2423	3-2273	0,6892	8-3090	1
	ECN 2pct 1thin	3.2542	2,8983	2.2568	3.2500	9-2514	3-2550	3,2008	3-2012	2-2009	3-2968	3-2930	10 - G090X	3-25-20	
- 1	ECN 2pct 18hr	0.5612	5.8887	5.3868	8-2929	8.5328	3,3397	3,2842	37.2983	9,2922	8,2861	3.2963	0.4251	2,2501	
- 1	ECN 2pct 1 5hr	0.5124	3,3239	5.3533	3,3959	35.33.39	2.3259	0.3148	39-3850	8-2239	25-2226	2-2359	0.5000	7-3689	
- 1	ECN 2pct Thr	0.6260	9-3167	3-3133	2,3598	2,2116	E. 2000	3,2097	3.5007	2-3369	3.5110	2-2130	0,2058	8-2933	
- 1	ECM 2pcs 20min	5-2685	0.2001	2.0589	3, 9995	342027	3.3556	3.2008	0.2308	2-2407	2-2521	3.2637	0,0003	5,5889	
- 1	ECN 2pct 24hr	3-2918	4.5773	3,2905	3,3259	2,3959	25-2020-0	8,8720	38-38-28	5-3299	20,000	3,0305	87 - 02 53	3.2847	1
	ECN_2pct_25min	9,1666	3.2885	3,2619	3.2892	9-2918	3.42693	3-2966	3.2613	8-2922	32,8610	3.2502	69* (2000)	3,5611	1
- 8	EGN 2pct 2hr	39,3900	3.3165	2.7627	9.3346	3,5119	3,3974	26-3134	3.2076	2-22.78	3.9208	2.3270	0.5543	2-39-50	,
- 1	ECM 2pct 30mln	3,2670	3,3998	2,2063	8,2996	8-2993	3,2397	3.2908	2.0000	2-1700	37,129,005	9-38-36	64.0606	3,2000	1
	EGN 2pct Ohr	No. WHEN	3.3060	9.3288	8,3656	9-5048	3,3054	3,2076	34,533,54	8,9558	8.3428	5-3536	0.0077	2 - 22 6 9	
- 1	ECK 2pct 45min	2.26VR	0.0057	3,3006	Sec. 20075	2,3678	3 - 30 - 50	2,3434	2,3049	5-1859	8,3952	3.2755	0,0018	9.3855	
- 1	ECN 2pct 4 5hr	Se3933	3-2138	2.5058	2-27-59	0.5050	2×3004	2,3148	2,2349	9-22-52	0,0098	3-27.30	0×623.0	3-2725	
- 1	ECN 2pct thr	3-3280	3:3028	3,3053	3.2938	0.3009	3,3089	8-1669	2:3469	2:30/12	2000	3.713%	0,0312	2.3569	1
- 1	ECN 2pct Shr	5-5129	2.38%7	3.5634	3,2003	3-3601	3.2295	3-3525	3,2754	3.2888	3.3637	3.3102	9,0361	3.3950	
	A CHARLES AND ADDRESS OF A STATE OF THE PARTY.	*****	STREET, STREET	A DOMESTIC AND ADDRESS OF THE RESERVE	THE RESERVE OF THE PARTY OF THE	CONTRACTOR OF STREET	THE RESERVE AND ADDRESS.	THE RESERVE AND ADDRESS.	THE PERSON NAMED IN COLUMN	THE REST NAMED IN	WHEN PERSON NAMED IN COLUMN	NAME AND ADDRESS OF			

: CRITICAL DURATION: The critical duration for the GB AEF is the ensemble ECR 2pot_2hr.

I The median pattern for this ensemble is storm B (storm name : ECR 2pot_2hr.8).

I The pattern with the greatest **GALK Mater Elevation** for this ensemble is storm ES (storm name : ECR_2pot_2hr_10).

Enception name Storm 5 Storm 9												preservon du		
ECN Spot 10min 9.2029 5.3034 5.3032 3.0040 9.2029 9.2024 7.2037 7.2034 9.2029 9.2029 9.2029 9.2020 9.2020 9.2030 9.2020 9.2030 9	Heddan	Std. Cev.	Average	Storm 38	Steim 9	Storm S	Stem ?	Stem 6	Stoom S	Sterm 6	Storm 3	Sterm 2	Storm 1	Ensemble name
### Part Part	2 2034 2 2745 5 2049 5 2056 7 2056 7 2057 2 2057 2 2059 6 2059 8 2059 8 2059 8 2059	\$.5500 \$.5000 \$.500	9,2988 3,2929 3,2929 3,2929 3,2929 3,2929 4,2929 4,2929 5,8937 5,8937 3,2927 3,2927 3,2927	21,07893 70,22123 22,2253 22,2532 22,2532 22,2532 22,2532 22,2532 24,2	2.2099 2.202	3,2998 3,2790 3,2352 3,2990 3,2990 3,2990 3,2990 2,3952 2,3952 3,2760 7,5003 3,2760 7,5003 3,2760 7,5003 3,2760 7,5003	7.2577 3.27245 7.2675 7.2675 7.2675 2.2037 2.2037 2.2521 7.2522 8.2728 2.5272 8.2728 2.5272 8.2728 2.5272 8.2728	8.2984 4.2798 5.2289 5.2289 5.2589 5.	3. 2004 3. 2743 3. 2743 3. 3749 3. 3749 3. 3749 2. 3749 2. 3749 3. 374	8.0950 2.2727 3.2727 3.2727 3.2727 3.2729 3.2729 3.2729 3.2729 3.2729 3.2729 3.2729 3.2729 3.2729 3.2729	1,2883 2,775 2,257 2,157 9,189 1,252 1,252 2,271 1,263 1,263 1,263 2,263	5.2894 0.2859 5.2605 5.2605 5.2605 5.2605 5.2729 5.2729 5.2722 5.2605 5.	8-2000 3-	BON Sport, 1 State BON Sport, 1 State BON Sport, 1 State BON Sport, 1 Shall BON Sport, 1 Shall BON Sport, 2 Shall BON Sport, 4 Shall
BEN_Spot_Mar 0.5000 0.2000 0.2000 3.2000 5.2000 5.2000 0.2000 5.2000 5.2000 5.2000 5.2000 5.2000 6.0000 3.2000	2.2560	0.0008	3.2879	2-2780	3-2900	2.2757	3.2906	3.2786	9-3669	3.2777	8.2988	9-2520	9.80m	EGN_Spot_She

| CHITICAL BURNION: The smitical duration for the SO AEP is the ensemble DEN Spot Dhr.
| The median pattern for this ensemble is storm 6 (storm name : BEN Spot Dhr. 4).
| The pattern with the greatest CHAN Water Elevation

A50	": 63-25 - Max Wat	er Elevation	(n)											
5										********				
# Ensemble o	ase Store 1	Storm E	Storm S	Storm 2	Stome 5	Storm 6	Stem ?	Store 8	Stom 5	Storm 10	Average	Std. Dev.	Nedian	
Comment of the state of the state of		STATE OF STREET STATE OF STREET			SECULO SECULO						STREET, SQUARE, SQUARE,			
ECN_63pct_10		型。在安定的	9-2474	3-1475	8-1674	3-2423	3,1972	2,1475	3-1476	Parkeys.	3-1476	0.0001	至一支令征犯	
RON_63pc8_1		2,2107	3,2517	2.3696	9,1959	3 25 5 5	3,1750	2.2547	0.1077	3,2261	3-1980	使用使用证明	8,1865	1
ECN 63pcs 15	min 3,1659	2.1657	多。2系39	2.3556	9.1889	3,9556	2.2553	2. 2658	3-1889	3,1576	3-2497	10 c. 15 5 5 5 6	8,1650	1
ECN 83pcs 2	Whe 9,2700	3.16%	31.2362	2,2680	2:150%	25,2543	2-1668	21.8855	3.1549	2,7353	3.5608	04,8276	21.1.1652	1
ECN 63pct 1		3.2109	8.2099	2.2250	0,2210	2.2359	2.2175	3-33.59	3-3123	3,2262	2,2100	9-9040	3-3037	1
ECN 63pct	The 9.0343	0.2125	3,2120	2,1239	310164	3.2252	3,2246	3,2154	2.2536	3-3384	3,2930	0.5089	2-2430	I I
ECN_63pert_21		0.1789	3,1769	2,1770	0.1755	3-2768	3,4775	3-2755	2-1762	3.2788	7-1799	0.5054	3.1386	1
EGN_63pot_2		5-1498	25-26-23	3, 1007	7.5523	3.5453	2-1971	37. 207.33	7-1670	2.3501	3-4523	@~622X	2 - 5.74 (6	l l
ECN 63pct 21		3-5586	9.5894	26.28.90	3-2882	3×2478	9.1872	3,1465	5-1938	343512	3-2/102	0,000	3,1090	1
ECN_63pct		5-2189	3.9223	302297	2,2299	8,8194	9-3399		352232	2.5340	3 - 2000	0.0050	3-2258	
# NON 63pcs 36		0.1959	3.3953	3,2853	3-2546	3.2335	\$1,2858	3.9956	3-1997	3,1995	2.1950	OL BEST	3.1950	1
ECN_67pct		8.9192	3.2297	8,2009	3,0228	3.2972	3,2052	3.2224	3.2230	Sacret S	5-2181	0.0060	3.2478	
# ECS Sipport #5		3,2056	3-2983	3,2023	3-2075	3,3883	3,2575	362073	3,2478	3,2072	34.8578	0 - 8005	9-2072	ji i
EGN Short &		3.1009	3,2600	3,1992	3-2308	25-06-67	0.2165	30.2865	3.2367	27,223 68	9.2229	0,1933	8.8196	
ECN 63pgt		0.3857	3,2073	3.2000	262757	3-3370	2.2879	2.200	3.7338	3.2338	3,9610	0.0085	2.0000	
EUN_63pdt	98e 3,2399	9,1889	3,2190	8,2230	2,2855	3,2963	3,2508	267834	3,1753	22,25,50	3-0003	10,0146	8.2015	I I
PRODUCTION OF STREET		THE RESERVE TO BE	SCHOOL STREET	CONTRACTOR STREET	CHARLES STORY	***********	CHEST SERVICE			********	SERVICE STREET			and the first of the first of the contract of the first o

CRITICAL DUNATION : The critical duration for the SS.35 AEP is the ensemble BEM_SIPCT_Zhr.

The median pattern for this ensemble is storm & (storm name : ECN 63pct 2hr 8).

The pattern with the questrat CAN Water Education's for this ensemble is storm & (storm mane : ECN 63pct 2hr 5).

Page 469 **Attachment 6**

25-0703.FIA-01A JULY 2025



APPENDIX F

DESIGN SCENARIO XP-SWMM POST-DEVELOPMENT MODEL RESULTS OUTPUTS FOR ALL AEP EVENTS AND ENSEMBLES

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze IOSO

Summary Informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 10 No. of ADP Goods: 7 Object Name: 55 3 Result type: Har

# Ensemble	none :	Storm S	Steen 2	Stoom 8	Storm 8	Storm S	Storm 6	Sterm ?	Storm 8	Storm 9	Storm 10	Average	Std. Bev.	Hedian	!
EGM_0.887		5,7880	2.7000	3,7558	8.7815	9,7287	5.7982	3,2895	3,3569	8,7528	3.7533	3,7009	0.0003	3,7559	1
ECN_0.253		0.0000	9.555E	3.0198 5.0701	8,0730	8,6914	3.9990 9.6799	2.5940	Su 5722	7:0712 2:000	4.2129 2.6512	0.1170	9,1132	A. 27773 A. 9734	!
ECN 0.215	19hp	8-6470	2.6867	4.5886	2.0933	2.9037	2 - 50 77	3.5712	3.9264	2.8227	8,8921	3.0900	图 医交通管理	8 - 99.25	i
ECH O.SEV		A. 2510 A. 2503	0.1525	6.1286	8.8573	9.5799	8.2548	d-3560	41, 20535	9-1011	41100 73	4,1605	0.0150	4-1590	!
SCN 0.727		3, 2319	3.3323	2,9317	3:5029	3,9330	2.9557	3-9035	34 35 3 F	51,8530	3,5233	3.8325	CANCELL C	3,2320	i
BON 9.025		3,8395	3,0981	3.9747	4.1852	9,6266	3.9299	2,9059	3.9934	8,8623	3.7459	8,8250	6-9633	3-9394	
ECN 0.SEY		0.5775	9,1381	8.5767	4.2778	8.9794	0.9793	8-8592 2-8292	3.9640 8.3696	8.1577	8.5063 8.5063	3.871V	0.0000 0.5200	4-1254	
8 600 0.258	THE PE	6.6532	9.0230	0.0137	4.0709	8-9339	0-0936	4.5596	d. 生物系	0.0339	##(ESE2)	4.6332	9,4619	9-0100	į
ECN 0.28		0.0654	4.1430	\$2225 \$200a	4.58%9 4.5597	4.0010	A, 1755 A, 1759	4.0823	4.5941	6.2219 6.0817	9.0556	4,0995	9.4849	A-91595 A-9520	!
ECN 0.25%	a Silver	4,2638	9.5378	0.0036	4.0932	6-2500	0.2355	4-5522	4.4786	2-1393	46-25980	8-2520	0.8418	4.1600	i
# ECN 0.21		8,2605	9,0000	4.2200	8. 1017 8. 2016	4.0072	0.0970	0.0578	8.2952 8.2153	0.6925	61., \$ 7.65 41., \$7.65	5.2192	69 1992/19 69 1877 ISS	2.1388	

CRITICAL BURNATION: The critical duration for the 0.257 AEP is the ensemble BCN 0.257 2hr.

The median pattern for this ensemble is storm of (storm name : BCN 0.257 2hr 3).

The pattern with the greatest -GGN Hater Elevation for this ensemble is storm 5 (storm name : BCN 0.257 3hr 5).

AER: S.SEY - Max Water Elevation (n)

		AND RESIDENCE ASSESSMENT OF THE PARTY OF									of the state of the state of the				
- 8	Ensemble name	Storm 1	Storm 2	Storm S	Storm 3	Storm S	Storm 6	Storm 7	Storm B	Storm P	Storm 10	Average	Std. Dev.	Hedian	
G)		enniche Kragieri	CONTRACTOR STATE	000000000000000000000000000000000000000	SERVICE PROPERTY.	Colored Strains		SERVICE PROPERTY.	********					Considerate and a second	Proposition and the second contract of the se
- 1	DOM 0.9EY SERIO	8,7986	0.9165	3,7206	9.7200	3,7201	3,9202	2,7203	3.7208	5-7198	27. 174 9.5	8,7562	0.9893	2,7263	
- 8	BON G. MEY LINE	3,4293	0.0025	4,1936	2-9500	8-6870	2.8508	としを支援を	4.1756	2,5934	6-9668	3,0097	5.9365	2-9090	
- 10	ECH D.SET 150Ac	3-7050	2.7800	3 - 70100	8-7950	8.7358	2.7550	2,7957	SEX 7885 8	8 . 7962	34,75963	3.795.7	10.150404	2.7016	
H	BON GLESTE LEBE	9,9668	0.2990	2.9803	3, 10000	3,7866	3,9646	2.2496	3.7350	5,8149	3.7772	2-3567	0.3228	5-8557	i
- 1	ECN 0.507 3 55g	4,5399	9.0493	065.55	2,0590	8:0500	8.6140	6-0586	あっを真正の	6-0609	6.7676	4-1440	0.0136	4 CK83	I
l.	ECN O.SET Thy	8.9888	4.9689	A 2019.9	8.0937	图 。 相连有效	8-09/61	6-6131	8-9435	9.5250	4 m (100 (40)	4.0134	0.933	4.6150	
п	EDGM_0.58V_EGGEN	31.6877	图。\$8877	2000	2.86886	26.6862	2,0472	2.6486	34.3333	2:8439	21-16-51.5	3.3375	9,9854	3.8679	
- 8	ECN 0.021 1450	3-3226	3.7782	2.2478	4, 9287	3.8610	3 , 60 6 5	21,7399	2,9459	26 25 28 3	2,6365	2.3557	0.0052	2-2520	1
- 8	sem O.Ser Massa	89-6869	8.9690	9,8899	3,0955	9.8886	3,8516	0.8835	2,6836	2-8010	3.6517	5,9940	0.9020	2,0049	į.
- 8	ECN_0.50%_Shr	9,46287	9-0305	9.8288	4.0000	4.0819	8-6455	4,0653	S-2000	0.6762	(9) × 577 355	8,6550	0.6293	9-0819	j ,
- 8	COM O.SET BUEST	0.9950	3,8169	851935	3,9450	9.9173	3.9023	25-25-45	2,9324	5.5179	242125	3.035/2	PH0835	8.0159	
И	EEN OLDEY SER	6-6667	4-5268	8.0918	8-9298	4,2625	4-5569	4.4235		0.0930		4.9559	69.112382	2,9399	ı
l)	MODEL OF PERSONS ASSESSED.	34,57,58	354795	S-35475	3.9384	24-0740	35-9232	25,07909	31.97.52	3,9942	25. 57.54	3.62%6	10-1002.0	5-8360	1
10	MOUNT OLD SERVICE DOWN	6.5203	8.0050	373433	2.3960	0.0360	0.0283	8.0576	0.9399	Q . 17 5 7 40	00 - COL-VIX	4.00000	10%。高级企业	4.0407	1
- 1	ECN_O.DET_EAR	8.4398	5.8220	3,9940	第一位百万里	35,95788	2.3629	39-39-912-31	6-1183	2.5330	0.00000	3.3580	69 623825	3.7820	ı
- 8	ECN_0.SET_SET	0.9510	8.9272	4-5955	4.0927	4.90%8	8.9638	8,8990	3,9256	3.3700	2,9461	410075	8,0527	0.6621	

| CRITICAL DURATION : The critical duration for the G.SE ARE in the ensemble EDN O.SET_EDT,
| The median pattern for this ensemble is storm 0 (storm name : ECN O.SET_EDT).
| The pattern with the greatest class dates Elevation for this ensemble is storm 3 (storm name : ECN O.SET_EDT).

AEF: 18 - Max Water Elevation (m)

* NORTH AND THE PROPERTY OF THE PARTY OF THE	********		*********				NT 5.40 - 27 - 23.47					*********	F	*****************
Ensemble name	Storm 1	Storm 2	Storm S	Storm 5	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 50	Average	Std. Dev.	Nedlan	1
*HERRESPRESSESSESSES	TERRETARIA TERR	THE PROPERTY OF THE PARTY OF TH	CONTRACTOR	WITETARRAMAN AND A	*2000CONTRACTO	NAME AND ADDRESS OF		WESTERFEITERS.	ORTHODOX PRESENT		CARROLINA CONTRACTOR	02575322222000		Samone and an artist and a second and
ECN ipct lösin	41,0000	2.0000	6.00009	8 6240	6.0617	8.00056	4.468.2	61,6866	4.0863	0.483883	8.0500	07.45007	G. 6890D	1
SON Ipcs 12hr	0.4849	4.5629	0.3562	0.4320	8-9023	9.2969	4.4265	46.3638	8.5637	4,2850	8 - 517907	0.2149	4.4350	i
ECN Ipct 15min	0.3270	0.1270	8,1267	0.3243	W-2868	9-1261	6,3268	4.3230	8-1768	0.2243	4-1739	0-0610	9:1255	i i
8 EGN_lpct_18hr	8-3686	0.2005	8-3746	8-4839	8,6378	8,3877	4.3859	6,4390	8-8668	8,4988	4.4559	20,3244	4-8250	į.
# EUN Ipct I the	8-2428	4,5790	0.0072	4.5050	8.5666	3.3995	0.3686	02,5635	9.5850	8.2489	8-5522	0.0000	9.5672	1
EON 1pct lbc	8.4869	9.5868	0.4900	4,4510	4-4656	6.4688	0.9721	6:45%	8,4939	6.4827	9-4862	원. 환경 등원	0-9551	1
ECM ipet 20min	8.2362	8,2210	4,0000	No DEPTH	9 - 23.00	46.0000	4 , 1913/6	40,250,02	8-2010	Walter Die	4-2599	0.0035	9.2200	1
SCN 1pox 24br	8-6493	8.3560	9,4982	0.6639	9-6625	9.3896	4-2307	0.5966	2.0999	B-12564	4,9840	心に対する	4-9593	,
ECN Ipct 25min	9.3742	0.0790	8.2758	4,2396	4,2973	6.2755	4.0739	9.2777	9-2757	SHORTES	4 - 27 90	01x100004	4-2863	į.
ECN Spot She	0.4000	4.9860	8-8846	8.5596	\$-565.6	8-26-9	4-5924	8-27/33	8,5954	Wa (5) 50	4.5683	6-5914	4.5627	1
# ECN 1pct 30min	49-5273	9-3372	4.3288	4-3238	Sec. 2002.00	ALCOHOL:	0302.39.	8.2256	9 22 22	8,5189	8-3234	9-2625	4,5240	
ECN Ipcs The	NL 6877	8.8938	4.6200	第一学生是 创	6:5612	4.5029	4.6823	8-3373	0.5530	A . 67 367	6.5888	0.0473	46.53950	J.
 EUN_lpot_dSmin 	8-8635	4 - 63779	8-4258	4,4353	6-4333	0.450	4-4156	8.4260	4-8589	4.520	8-8259	69 - 5 d 3 S	4.6259	į.
ECN_iput_4_5hc	8.6821	8.5964	0.0169	· 多数不多	8.4978	6-5168	4-3470	4.3864	2-5-23	T. TOLLY	4.2949	49-68-35	8.5542	1
ECN tpot Ghr	8,7945	0.0995	4,2090	4,8559	6.4889	8.5002	4.7532	40 x 72 22	0-2963	8.5720	9.5850	0,1265	8.5339	
ECN_ipcx_9hr	4.5639	8.5005	4,3819	4. 40.00	8.6300	6.7815	A STAT	44.2367	量工是原有等	6.7623	9.5011	64,2553	4.3979	1
Parkage and realistic property of the control of th	THE RESIDENCE PROPERTY OF	CHARLEST AND ADDRESS OF THE PARTY OF THE PAR	THE RESERVE AND ADDRESS OF THE PARTY.	THE RESERVE AND ADDRESS OF	THE RESIDENCE AND PARTY.	(CONTRACTOR OF THE			CONTRACTOR SAME	CERTAIN COMMANDE	STATE OF THE PARTY	STATE OF THE PARTY OF THE PARTY.	an von School School state	Proposition of the Proposition o

	ARPI DOS	- MAKE WATER	Elevation (-)												
00		-			OF RESIDENCE	-					***********	*********		RENEGE PRINTED DO		erece?
	Ennemble same	Storm D	SUMMAN S	Storm 3	Storm 6	Storm S	Storm 6	Storm 7	Storm 3	Store 9	Store 50	Average	Std. Dev.	MedEam		- 1
100	Oriometric Conductivity of the Excellence	HOSP REPRESENTATION OF	NO ASSESSMENT OF THE PARTY OF T	months and time	Session contours	SECTION SECTION SECTION		KERTSERDERDICK							MODEL THE CONTRACTOR OF THE CO	Allew N
- 1	ECN_10pct_10min	3,6358	3,4315	3-8312	3,9390	2-8307	3,0387	2,8339	3.4322	2,4318	9-6356	2.4300	0,0000	8-9224		1
- 11	ECN 10pcs 12hr	8.3450	2-0538	5.21110	8-2399	8-3363	8.0059	4.3336	8.2199	9-2552	Ga2033	6,1785	O. 0320	8.4652		- 1
- 1	2000 10pct 15min	3,9275	0.3270	5-9260	2,7326	3,9990	2,9203	30.0000	3.7256	2.0300	3-5354	2.7232	P. 2511	7-7255		- 1
- 1	ECM 10pct 16hr	41.945.0	9-5754	0.2505	4.0992	4.2388	0.2160	4 - 2255	0.0140	9,8423	0.8133	2,0229	9,9903	8-6599		- 1
- 1	BCN TOpot I Shr	5,2438	4.6367	4.2739	4,2272	6.2236	8-21-12	4-2688	0.2310	4.2909	Gm207 24	4.2430	0.0198	2-27-0		- 1
- 1	ECN 10pct The	0.2350	0.0019	4,2020	4,1999	4,2939	0.20069	4,2223	4,7025	4-2073	0.2293	4.2030	0.0075	8,2010		- 1
- 8	ECM Sepot 20min	3,5366	3.3563	2,9969	2.9303	5-9979	3-5957	3:5562	34 9377	2.8975	3-9962	2.5970	9,9986	2.0960		- 1
- 1	ECN 10pct 24hr	9-1683	2.7623	8.1236	3 - 2750	3,0000	3-9539	9-3050	2,9393	2-8595	41,6233	9 - 95507	10, 35-22	4.6230		- 1
- 8	ECN lopes 25min	Au6859	9,9469	4.0440	84,0352	8-0438	61.0483	4500000	SIN 198 S.S.	8-3950	(A_D) 953	4,0990	8,6136	81.000830		- 1
H	60N 10pct 2hr	6-2838	4.9323	4-0388	4-2279	在小型程序 符	4-9535	4.2590	0.2814	8-2738	SHARE THE SHARE	4-2000	0.000	0.2360		1
- 8	ECN 10pct 30min	(4), (5)((25)	4.5862	8.4830	0.0938	6 - 69039	8,0852	8-0548	8,6953	4-1878	5,000	6:0833	646919	8,0830		- i
- 1	EGN_10pct_She	8,2338	4.2393	6.2323	8.1950	6.0359	5,2910	4.3333	4.3903	8.8837	0.2001	9-2763	9-8352	4.2855		
- 1	ECM 10pct 45min	4.2597	4.3650	6,2633	2,1999	0.1691	0.3626	4,6861	4,2529	8-1601	6,8628	4.1617	9,9518	4.9821		- 1
- 1	BON 10pot 4 Shr	8-3250	4.5376	4,257.43	4.534)	0.8973	4.3398	4-2037	4-2299	9.0774	0.3420	8,2500	6-3833	4-2549		- 1
- 1	ECN 10pck 6hr	8,3626	4,1920	0.2537	4,1696	8,3303	0.3548	4.5084	4,7653	8,2999	W-2431	5-2450	2,000	4.2253		- 1
- i	ECN 10pcs, 9hr	4,0765	8.1800	4.2427	4,1582	8-2528	4-1607	4.2695	9,2422	8-2579	40.2543	\$12025	0.8551	4-1946		i

| CRITICAL REMATION : The critical docation for the 200 AEP is the ensemble ECR_1Opct_ihr.
| The sedian pattern for this someble is storm & interms name : ECR_1Opct_ibr_%].
| The pattern with the greatest - CAR_NAME - Elevation | For this ensemble is storm in fature mass : ECR_1Opct_ibr_1Op.

AEF1 22 - Max Mater Elevation (n)

Tarana and a second a second and a second and a second and a second and a second an	NAME OF TAXABLE PARTY.	THE RESERVE OF THE PARTY OF					A - 10 - 10 A - 1 A - 1							
Ensemble name	Storm I	dress 2	Storm 3	SCORE S	Storm D	STORM G	SCORE 7	Storm E	Steem 5	Storm 19	Average	Std. Dev.	Hedlan	1
Charles and an experience of the contract of t	THE RESIDENCE OF STREET							**********		SHEET STREET, STREET,				
ECN 2prk 10min	2,5513	3.5557	3,9500	5.5522	9,6930	3,9532	07.8988	37.9555	7.0500	2.5050	0.9528	6,8099	2,7109	1
ECN 2pct 12hr	S. 2002	4.3893	8,2550	8.2695	8-7938	8-2275	9-3250	4-8256	8-8565	8 - 61 62	8-9333	DF 20 83	8.3550	1
EGN_2pot_15ein	8-17188	0.8105	4,8688	4-25-6	0.2719	40.9004	4-9642	O-12780	9.0690	明。但也不够	4-0534	0.5925	9.0692	1
ECN 2pct 18hr	8,2673	9.1977	3,2749	4.3543	8.6720	6.0526	4-2959	4-5455	4.3625	4-2968	4 - 2486	0.2568	4.3236	i
ECN 2per I She	0.4452	4,4795	9-6563	4,4208	4.4993	0-67-19	4 . 450	4.6488	8-4309	40.000	4.4608	6,266.69	4-9300	1
ECN 2pct Thr	0.4058	9.4070	0.0103	0.9902	8.4029	40,4000	4 .2624	0.5999	9.2000	0.5883	4 - 4023	0,2060	40,400,00	1
ECM 2pcs 25min	· 100 100 100 100 100 100 100 100 100 10	9.1500	4-5883	46 3 8 2 8	图中图像故障	0.0480	4,1396	4-2448	6-1992	60-2552E	8-5-6-6-7	0.0000	4,1460	1
80N 2pct 24br	No 2273 E	9.2269	4.3061	9.5269	8.3337	极为现在经济	4-9028	8-4844	8-9258	402702	4-2507	10 n 12 82	0.2972	9
ECN_2pct_25min	0,2566	4-2107	4-2002	4,2098	4.2009	9,2593	4.2969	0.08300	5-7925	Sept 1786	4.2063	0.4034	4.2830	I I
BON 2pct 2hr	4-4854	3.9553	8.8926	0.4525	4.4528	0.6994	4.4600	9-42.50	9.5053	S-54 55	4.4750	0.8228	4.5576	1
ESM 2pet 30min	61.0000	4.2557	4,2249	4,2505	8.0733	4.2122	6.2592	4.2354	4-25-58	9-35-49	4-2037	9.8923	4.2324	1
EON 2pct 3hr	6.8829	0.0000	8,5500	与大概使用的	6 - 0073	4.3036	4.4300	0,0004	4-0555	4-5200	8-9193	9-13/55	9,49,34	1
ECK 2pct 45sin	4,3942	4.5550	8.3896	6.2337	8.0524	6.3820	4×2487	47,2462	4,3469	0.2479	5-2432	0.0085	4,03335	i i
ECN_2pct_4_5hr	0.2532	4-8659	安. 得及問題	4.0969	0.2012	學中學是生活	4-4500	企 x 包括1000	第二次等50克	4,5978	9-45-89	0.9488	0.8560	1
ECN 2pct the	4-67.69	9.4035	6,6892	4.3636	4,3802	No. 427 103	9-5398	4.8344	4-0007	(Fe6025)	9:9883	80,24.75	图: 中国代码	1
ECN 2pct Shr	8.4557	4.36%	4.5679	41 34.66	4.6577	9-6785	4.8588	4.2493	4.3359	4.4975	9.8969	0.1405	0.0020	j
The same and the same and a second section is a second			the same of the same of the same		*********				***********					

: CRITICAL DURATION: The critical duration for the GR AEF is the ensemble ECR 2ppt 2hr.

I The median pattern for this ensemble is storm S (storm name: ECR 2ppt 2hr_6].

I The pattern with the greatest **GEX** Mater Elevation** for this ensemble is storm IS (storm name: ECR_2ppt_2hr_10).

Ensemble name	Storm 1	Stem 2	Storm 3	Sterm 6	Stam 9	Stem 6	Stem ?	Storm S	Stem 9	Storm 18	Average	Std. Dev.	Heddan	
ECM_Spot_19min	2,8836	9.8837	2-6838	9,8931	8,9843	274932	3,8893	2,6653	8,8937	2,6562	3,8862	6.8869	8:0000	
ECN Spot 12hr	6-2149	7-5668	8.2895	4.5860	4,2348	0.2420	4 - 8301	4 225	8.3755	84,28,45	6.3959	0,2242	4,2800	
EGN Sect ISain	3,5639	9.5500	5-5901	2.5523	20,5913	5.5505	9.5589	3, 9919	8,5530	3.9998	5.6913	0,0019	8.9983	
ECN Sect 18he	4,7534	8-8792	9.4115	4,5346	4-9350	4,2296	4.5098	9,5568	8-1970	0.5355	5.1999	0.1847	4.1336	
DON Spot 1 She	4.3390	8.9195	0.3671	0.3148	8.3923	8.3469	4.9366	4.75.80	4.3538	0.5670	8-5956	0.61.88	4,3637	
ECN Spot lbr	8,2334	9-2865	0.2903	9,570%	6:2902	8.2955	4.2804	4-2930	4.2930	8.3890	0.5812	0.0056	4-2016	
EUN Spot 20min	5,0802	8-5697	8.86.93	4.9650	6.0961	0.0533	4.9662	0.8680	4.0000	81, 54,00	6.08369	0-1813	4,9550	
ECN Spot 24hr	8,6395	3.4267	4.2270	3, 3679	8-2006	4-0599	6,4553	4.6883	9-3972	4.1343	4.1922	0.3202	4.2649	
EUN Spot 25min	8-2152	4,3199	4-5162	0.2267	8.1163	4-1207	4-1107	41, 33, 59	9,1373	8-2253	4,1800	06/16	4.3360	
ECN Sect 2hr	6-2530	4.3800	4,3598	4.2056	4.8607	6.7883	4.8000	01,000,000	4,5665	9.3754	8,4555	0,8256	4.0535	
SUM Sect NUMBER	Re 22 76	0.5359	8.2574	6.1067	3.3980	8,3500	4-1801	4,9619	8,3,950	6.3557	4,8593	69, 64718	8,2194	
ECN Spck Shr	6,3563	8:3887	4.5226	414 20220	6-2272	9,0525	4.4132	0,2850	8-9949	3,4351	8 - 3719	9,8405	8.2826	
ECN Sect 45min	0.2370	9-2636	8.04.05	4.2557	3.2249	0.5456	4.2935	4-2330	8-2450	3,2439	6.3680	0.0038	9.5652	
ECK Spet 4 Shr	4,0545	4.2270	8,3840	4,3777	4,2938	0.4565	4 .8425	4.2286	4-3647	41,4866	4.3566	0.5552	4.2650	
ECN Spot She	4.4634	9.9929	4.3000	4-2389	2.3863	9.2539	4.5040	81-4288	4.4000	49.5223	8.5850	0.0739	3.327.5	
EGN Spot Shr	63933	4.0836	6.2552	4.2529	8,3884	4,2849	4 - 27.75	4,0346	4:3300	8,2630	6.9873	0.9921	7.5043	

| CHITICAL BURATION: The smitical duration for the SO AEP is the ensemble DDM Spot Dhr.
| The median pattern for this ensemble is storm H (storm name : BEM, Spot Dhr. 3).
| The pattern with the greatest CHAN Mater Elevation for this ensemble is storm 10 (about name : BCM_Spot Dhr_10).

	MEET 0224	A BOAR WELL	DE ETGARTION	Corp											
- 6	********************								THE RESERVE OF STREET						200000000000000000000000000000000000000
-	Ensemble name	Storm 1	Storm E	Storm S	Stems 3	Stome 5	Storm 6	Stem ?	Store 8	Stom 5	Storm it	Avezage	Std. Dev.	Nedlan	1
. 6	Charles and the state of the st					CONTRACTOR DESCRIPTION	equilative and a little or	****		******		COLUMN TO SERVICE DE LA COLUMN DE	mir a may be in the first	CONTRACTOR STREET	was in a long rate of a long was and of
	ECN_63pct_10min	3-6622	3-8609	5-8639	8×2632	8-86-38	3.4423	3-4628	2,6525	8-4429	9,6658	3 - 9400	印。在在在	至。至至270	
	KEN 63pcs 12bc	R-48570	2 . 5655	4,25,05	3.8525	3,8192	2,3323	30.9851	25-92-53	8-9500	3,5493	3,3883	原。原管原理	8,9548	1
- 1	ECN Open 15min	Star Topic V. St.	8.3265	9,7269	8,7230	21-7270	2.3274	3,7270	3. 3273	3,2837	3,7277	3 - 7230	594 SEC. 2 Y	S TOWN	i
- 1	ECM Elpcs little	9-8078	3.7747	4.0000	2.7644	27-173.390	3,7550	20.2052	2,48830	2,7293	3,6521	2.7636	01.2252	7.7501	1
	ECN 63pcs I 5hr	2,3365	3-9424	2,32,05	3.9668	0.9510	3.9568	10-8425	3.9455	2.3513	3,5660	2.8450	9.8199	3-9459	1
į	ECN 63pct the	9,19,34	3.3020	3.9440	2,9727	3,02.52	3.9249		2,5007	3.9200	3.9130	3-1/125	0.0019	2.9935	j
- 1	ECN 63pert 20min	3,7735	3.7727	3.7719	3 - 3 5035	3.7717	3.7733	3,7689	2,71127	11,7671	2.7763	7,7700	0.5025	3 - 7 3 3 5	1
- 1	ECN 63por 24br	5.5510	5.7000	3.7519	3.2356	T-7209	3.7825	2.7158	7-7555	8-7759	2.9951	3.72577		2.7065	j.
	ECN 63pot 25min	0.0053	3.8013	85.85.45	3, 2050	3,9041	3,2566	8.8633	2,2652	5,8569	0.2663	3-2666	0,0020	3,8953)
- 1	ECN 63pct 2he	0.5633	3:5036	3,9384	20000	2:9768	3,9434	2,5609	D. 7935	3,9973	8,9490	3 - 9600	0.0181	3-83-00	
1	SCN 63pc% Steam	3,8253	3.8366	3.8358	9-5560	9-9245	3,4254	9,8293	3. \$272	8 - 92 68	75.482.902	5.8579	01-0005	2-6277	1
- 1	ECN 63pcs She	3,9937	8.3133	849799	8,9396	3,3722	3,9981	5.5303	3,5492	8.5599	2,9576	3,3517	0.0281	3 - 8460	,
- 1	ECS 63pot 45min	3-6407	2:9778	3-69-81	3-5730	2-2824	31.69883	3,8818	F- 9807	2000年1月	3,6769	519800	19e (883)4	9-9957	1
- 1	EGN Spot & Shr	6.0593	3.9036	250287	3,4963	3.0840	3.9938	25-5422-6	32.56557	3.8520	2.9931	V-9286	0.5549	2.93%6	
	ECN_63pct_6hr	3,9270	8-8-37	3.8840	3. 2033	3-8039	2.9679	25 287 203	2.9890	2:0026	2.5476	3.37848	OF DECEM	2.8833	
- 1	ECN_63pch_9he	3,7720	9,6266	2,9600	D. 2303	29,5000	25 35 42	27-8557		258772	29,6555	3,9565	26.0511	8.5039	I I
- 1	WHEN SHOW SHOW AND STREET SHOWS AND ADDRESS.	CHARLES CONTRACTOR	NAME OF TAXABLE PARTY.	DESCRIPTION OF THE PARTY OF THE	OR THE RESIDENCE OF THE PARTY OF	CHARLES WAS A NEW YORK	OWNERS AND A SECOND	arrested at least to produce		THE RESERVE OF THE PARTY OF THE	and the state of the state of the	CONTRACTOR STATE	THE RESERVE AND PERSONS ASSESSED.	NUMBER OF STREET	Programme and the state of the

| GRITICAL DUMATION : The critical duration for the 69.25 AEP is the ensemble ECM_Glyct_Zhr.
| The median pattern for this ensemble is storm by (storm name : ECM Glyct_Zhr 8).
| The pattern with the questest **CAX** Mater Edevation** for this ensemble is storm 3 (storm name : ECM Glyct Zhr 5).

Page 471 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze IOSO

Summary Informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 10 No. of ADP Goods: 7 Object Name: 8X02 Result type: Hax

1	Ensemble name	Storm S	Steen 2	Storm S	Storm 6	Storm S	Storm 6	Sterm ?	Storm 6	Storm 9	Storm 10	Average	Std. Bev.	Hedlen	
l .	ESM_0.SEY_15kSm	5, 7736	2.7700	3,1788	8.7852	0.1756	2.3289	3,7795	3.7735	3,7793	3.7735	5,7235	0.0005	3,7755	1
1	ECN 0.389 1257 ECN 0.287 15636	0.0022	9.1624	8.2629	4,9610 8,8619	8-3400 8-6480	3.9584	20-29732 20-29732	49 x 2016 20 20 x 2016 20	0.0505 0.9640	0n8720 249620	0,0950	9.1949 6.4667	8.9600	1
i	BCN 0.010 1950	8,0500	8.8820	4.5170	2.8820	8,8876	2,0000	3.9615	3.3835	8 - 92(50)	2.8565	3.3858	0.2225	N 2003	i
1	CON O.SEV 3 5500	A.2195 A.895A	8-1239 8-1939	4.5867	8.8935	4.5350	8-1253	6 - 32577 6 - 60000	d. 3350 d. 3310	9.0012	4.041.9	4-1266	0.0032	8.2260 8.6939	
i	ECM O.727 SEMBO	5,6966	3.5290	3,9197	3:5209	3,0000	3.8090	9-9942	2.10000	5,50% 8	3.7013	3.6203	0,5000	3,9707	i
1	BON G.DET TAKE	3,,6330 3,,9639	5.9972 3.9696	3.5886	4.1391 2.9999	9.9839	3.9496	2,8992	3.9730	2.8256	3.7840	3.8615	0.5557 0.5557	2,9580	
i	ECH O.SET Dice	8,2555	0.1002	8.3121	8,3859	5-1589	8-3273	6.8659	4-1455	2,1598	6-3613	4,1700	B. 5250 A	8.8657	i
	BON 0.257 DRAIN	9.9925 4.2545	9.3938	2.5057 A.0855	8.0923	3,3107	3.8544	0.990A 4.1690	3, 5932 4, 3543	2,2550	0.9919 4.8727	8.0932 4.1450	9.8554 9.8554	2.9933	i
	ECH 0.327 45848 ECH 0.207 4 586	4.0378	9.5594	4.0543	4.0562	4.0844	0.0030	4.0552	4,8430	4.0545	4.2622	4,0553	0.0014	4,6548	1
ï	ECN 0.257 She	8,1322	9-0231	等"被源去程 在《西水学》	8, 169.5	4.5080 4.5081	9.0004	4-07260	8-2557	0.0669	01-1452	6-9330	60, 62,000	8,665/7	
II.	ECN 0.227 Size	4.2938	9.0259	4.1758	9,5631	4.2150	0.9768	8-2076	0.0201	0.0752	4,9523	4,1867	0.5669	0.1309	1

CRITICAL BURNATION: The critical duration for the 0.227 AEP is the ensemble BCN 0.229 Ehr.

The median pattern for this ensemble is storm 4 (storm name : BCN 0.229 Ebr.).

The pattern with the greatest communication for this ensemble 12 storm 5 (storm name : BCN 0.227 Ebr.).

AEP: 0.5EY - Max Water Elevation (n)

- 1	Ensemble name	Storm i	Storm 2	Sterm S	Storm &	Storm 5	Storm 6	Storm 7	Stores B	Storm ?	Storm 10	Average	Std. Dev.	Hedian		- 1
	SECRETARIST SECTION AND PARTY.	*********	CONTRACTOR STATE	000000000000000000000000000000000000000	THE THE PERSON NAMED IN	Chicago and a second	AT STREET, STREET, ST.		DATE OF THE PARTY						CONTRACTOR OF THE PARTY OF THE	(ma)//0
- 1	ECW 0.9EY 19Elo	9,3376	8.7191	3,7192	9.7369	308278	3.7278	2,7178	2.7278	5-7272	8.9599	3,7270	0.9893	2,7175		- 1
- 1	SCM O. SEY LINE	3,9223	9:120032	4,3112	2-5627	3.4893	2.9652	258732	42.5578	2,8363	0.5443	5:0000	9.9695	8-5355		
- k	SCN 0.587 1594c	3-7933	2.7903	3 - 7093.50	3.7563	5.7995	2.7587	2.7626	3,7933	857319	34,77833	3.7989	0.0000	3.7931		- 1
	ECM GLOST ISSUE	9-6962	0.6549	8-3675	3,8656	3,7838	3.9934	2,8445	3.7242	5-8122	3,7233	3-3607	61,53354	3.8279		- 1
- 1	ECS 0.527 3 55e	4.5252	9.1225	5.9975	4,0300	4.0304	8.6226	6-0297	8.3282	4-00000	0.0438	4.0262	10/01/20	4.0264		1
- 8	BON O.SET Thy	9.9873	5-9998	Sept. 100 100 100 100 100 100 100 100 100 10	8,9933	2.3561	3.7690	9,5947	2,9803	9-0925	3,9863	3.7940	0.700	2:0949		
- 1	ECH O.SEV POSE	31_6850	5 - 94 68	3.8417	3 - 306 275	26613	5,6464	9.6627	37,92733	2:8369	2011/08/219	5、8667	0.40025	3.9813		- 1
- 8	ECN 0.021 145F	3.7255	5,7750	18,8481	9,9952	3.7982	3-2-04	2,7692	2,6443	法人是自有的	2,6358	0.9629	0.9823	2-1960		- 1
- 1	men 0.5er Nacio	8,6873	0.8773	3.8774	5-2766	9.8999	3:5029	2.3525	2-6756	5-69-30	3.6737	2.6720	0.9018	2-2550		- 1
- 1	EEN D. SEY SEC	9,6823	3.0259	9,0139	9.0528	4.0686	8-59-61	4.0003	4-9422	0.0533	6)-9846	4,6389	0-0173	4-6627		-)
- 8	BON 0.527 10252	3.9843	3,3536	3,9550	3.9938	9,9065	3,9566	2,9039	2,9000	3-3985	8,8129	5.0050	的。在在公司	9 - (955)		- 1
- 1	EDN OLDEY SER	8.6350	3.0077	8,0663	8-9308	8.4965.8	4,5302	8.0988	0.0333	0.0700	9-9468	4.9369	0.1255	4.0310		- 1
- 1	ECH 0.55% SSalar	34,9504	3.0632	8-9520	3.9929	2-0612	31,75552	25,89510	31.0453	3,9600	35. 20234	3,9509	19, 4800	2,9910		- 1
- 1	MICH OLSEN & DOOR	8.45880	2.0317	3,9666	3.37330	0.01833	9.9988	E + 63000	3,5430	· 中心生活	On 64 357	4.9207	10. 2374	4:6282		1
- 1	ECN 0.522 EAR	8-6256	3.0290	0.0782	3,9954	3,2639	3,3543	3-36658	Se 2258	3.8823	0.5250	3-9620	9. 9335	373233		- 1
	ECN O. SEY SEV	0.0618	8.5100	0.0456	4.0300	8.3913	8,9454	20,0072	3-54350	8-9665	3,9587	3.9932	8,0567	3,0000		- 1
																3000

| CRITICAL DURATION : The critical duration for the G.SE ARE in the ensemble EEN G.SET_EET,
| The median pattern for this ensemble is storm 0 (storm name : ECN G.SET_EET,
| The pattern with the greatest class dates Elevation for this ensemble is storm 3 (storm name : ECN G.SET_EET,).

AEF: 19 - Max Water Elevation (m)

2000		3-550-50-07-09		*********				******					*********		
8	Ensemble name	Storm 1	Storm 2	Storm S	Storm 5	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 50	Average	Std. Dev.	Nedlan	1
Same		THE PROPERTY OF THE PARTY OF TH	THE PROPERTY OF	PERMIT	THE TRANSPORT	TENNION PRODUCES	NAME AND ADDRESS OF		WKUUNFERRAND		NAME OF TAXABLE PARTY.		02525322222		Consideration and the consideration of the constant and t
1	DON ipct lömin	3-3630	5-8605	34.9833	3,4600	25,3832	26,5829	5) - 49.39	39, 98,000	50078	3,5618	3.9827	07.450000	2-5027	1
i	SCN 1pcs 12hr	46.4639	4,0530	4.5691	4.7666	6.6965	9.2069	4.5562	61,7963	2-8983	0.5983	8-8597	0.0485	2.6566	i
8	ECN Ipct 15min	0.6509	9:0982	0.0030	0.0000	W-03500	9,0963	8,9991	9,3726	6 - 079559	0.0007	9-0909	0.6010	0.0000	i i
10	EGN 1pc% 18hr	8-2955	8.3400	8.2116	4-3275	8.5609	4-3634	4,3355	4.3863	8-2720	6.2458	0.3817	29,03590	4.3609	£.
1	BUN Ipct I the	84.636.0	4.0538	0.4444	8:8167	8.4600	3: 5520	6.8208	4144348	9 : 8192	0.4570	4-4928	0.0133	Q-\$100	1
	EGN_ipct_lhr	8,2894	4,3696	4,3899	4.2000	4.3850	4.3690	6.2788	4.7205	8-29-39	0.3861	4-5849	9,9999	0-2657	1
1	ECM lpct 20min	0.3539	0.2620	4.8555	4, 2523	A STREET	44.75557	4,2602	相应现在的	8-1598	0.2636	4.2000	6,6009	0.0000	1
	BON THOS 24br	0.0574	4,9559	\$.4259	8. SAG4	8.859.6	9.5957	4.2832	6,4954	4.02.00	Ball ST	4,5536	(Dan 2000年)	8-3346	1
	ECM Igot 25min	9,0323	4.2242	4.2128	4,3659	4:2333	8-2150	4.3545	4.2144	9-2028	81-0338	4.3333	的有效的数据	4-2739	į.
	ECN April 2hr	No. of Contract	4-4565	8-4553	8-4586	8-4548	4.6589	6 24568	9-9632	8.2765	G-43723	0.6553	6.51.23	4.4562	1
ji .	ECN 1pct 30min	40.100000	9.2535	4-2618	8-3540	622500	0.2589	6.2515	0.2325	9-2500	0.5537	8-3500	9.48246	4.2587	1
B	ECN lock the	0.4823	8-9995	6.0065	4 4000	图: 超速电影	4-5000	4-4357	8.8822	8-3383	9-5863	4.4564	0.0335	4-170	j.
1	ECN_lpot_dSmin	8-2058	8.3246	0.2335	\$ 1150	6:3889	0.0227	4.2276	0.3356	4.3333	0.3542	4.2382	0,6515	4.3716	E.
	EUN iput & She	8,5020	4.9893	8-6533	4-1190	8.9039	6.4000	8-4933	49 47 66	8-8568	8.5662	8 - 65 35	9-9475	8-31327	1
	ECN tpot 6hr	6.0570	9.8234	0-0015	8.3500	6.4302	0,4420	8,6011	0,5046	6-9052	6.4755	6_0799	0.0822	8-4366	1
	ECN Ipcs 9hr	4.4448	4.9590	4,3275	4.3457	9-6350	4.4629	A SERVE	N. 2882	$q_{-3}627$	8.4880	4-4510	0.2657	4.4259	i i
(Kipping	THE REST OF STREET, ST	WEIGHT AND DESCRIPTION	COLUMN DAY OF THE PARTY OF THE	PRINCIPAL DESCRIPTION	PERSONAL PROPERTY.	NAME AND ADDRESS OF TAXABLE PARTY.	WARREST PRINTED	PRINCIPLE STATE OF THE PARTY OF	OR SEASON STATES	CONTRACTOR SERVICES	CELES THE EXPLICATION	STATES OF STATE	ALLER OF VIOLEN	SERVICE LOCKER KING	Рискованирования выполняющей избествення в примента в п

I CRITICAL DERATION: The critical duration for the 15 AFF in the ensemble ECN lyot_4 Shr.
I the modian pattern for this ensemble is storm 5 (whome name : ECN lyot_4, Shr. 21.
I the pattern with the greatest **Gas* Motor Shreatlend For this ensemble Is storm 50 (storm name : ECN lyot_4, Shr. 21.)

	SWALL SALE	THE WALLET	Elevation #	m#												
06	*****************			SERVICE SERVICE SERVICE				ORDER STREET			***********	ENGINEERIN SAN		STREET, STREET		mil.
	encemble same	Storm D	Store S	Storm 3	Storm &	Storm S	Storm 6	Storm 7	Storm S	Store 9	Store to	Average	Std. Dev.	Median		1
96	dalaman makan dan persaman dan per	refrancia de la compansión de la compans	AND RESIDENCE OF THE PARTY OF T	automatica de la la completa de la completa del la completa de la completa del la completa de la completa del la completa de la completa del la completa de la completa de la completa del la comp	embanemichten	and the second s	areoutenasiesen	SOLICIST REPORT REPORTS	enforcemental encodes	were the second	manage at the other party	NAME AND ADDRESS OF THE OWNER, WHEN	OF REAL PROPERTY.	THE RESERVE OF THE PARTY OF THE	CONTRACTOR SERVICE STATE OF THE SERVICE STATE OF TH	100
- 11	CCN 10pct 10min	3, 4233	3.6213	2.6820	8.850.6	24,00060	3:5785	2,8578	3-4266	1.8855	0.8370	3.9259	0,0000	8.0250		1
- 11	ECN 10pcs 12hr	8.3175	4-3256	2.08002	8-3388	8-2038	8-3399	4.3503	0.877.0	0.0000	0.2721	8-5870	0-5768	8.4884		- i
- 1	EGM 10pct 15min	2,9150	0.5950	3.95,93	3,9760	3,9278	2,3956	3.5177	3,7078	3,5986	3.00064	3.8270	D. 180 X 15	3-9577		1
- 1	ECM 10pct 18hr	4.0252	5.0583	0.2389	3,5301	8-2488	4-9959	4.0505	0.0019	0.0262	图4万万万万	5-0000	9.0389	8-0349		1
- i	BON TOPOT I Shr	5-7250	8.2199	4-43.89	4-2000	4,3913	8-2014	4-2909	40. 39.63	8-2108	5,23,82	4 (2523)	0.0109	2-2542		- 1
- 8	ECN 10pct The	0.2649	9.1597	4.1098	4.1487	4.2599	0.5634	4.5857	0.2564	8.1526	0.3761	4-2690	9.0054	8,5690		- 1
- 8	ECM SONCE 20min	3,9769	3.9707	2,5753	3-3759	9,5900	3,6753	0.8707	349633	7.3663	0.6987	2.8793	81.5055	3.8892		- i
- 1	ECN 10pct 24hr	9-3075	3.7650	0.0978	3.8850	Sep 210	3,9863	9,2606	3,6886	2-5693	企业保证权益	4-9367	10-170-5	3-9992		1
- 8	ECN 10pct 25min	AL6939	9-5239	4.2019	4.11224	8-03333	41.5245	4.0232	40.000	8-0252	(A., 923 3 E)	4.0333	8,6000	41.00000		i
H	EUN 10pct 2hr	642353	4,2306	0-1871	8.2928	6-2258	4.2332	82228	0.2303	0.2130	0.0271	4.2552	0.0185	8.2250		1
- R	ECN 10pct 30min	6,9550	9.15566	Ww9532	0.0557	6-3527	8-9359	0.0358	0.0500	4.0589	8.65.86	6 - 055 0	GI-180000	8.6555		ì
- 1	ECN_10pct_3he	8,8836	4,2966	4.3961	8.2705	8-2952	6,8600	4.0618	4-3490	8,2010	0,2746	9.2000	0.0255	4,2399		1
- 1	ECM 20pct 45min	4-3238	4.1200	4,3575	4.3323	4-1939	0.3220	4-6233	4.1214	2,1032	6.2525	4-1294	0.0000	4.3227		- 1
- 1	BGN 10pot 4 Shr	8.1899	4.5336	4.0239	4,8223	0.3864	4-2750	4,2028	4-9502	0.2730	0.0352	8,0200	6,6486	0.73336		- 1
- 1	ECN 10pck She	B-2298	4.3500	0.2763	4,2489	8. 2389	0.2230	4 n3 3 m	40,00002	8-2520	0.2007	0.2500	2.05514	4.4500		i.
- i	ECN 10pcs, Myr	4,2596	4.5495	0.0093	4.3399	4-5589	4-5355	4-1536	4, 3150	8-2559	49.22392	\$ -5689	0.0396	4-3819		1

ECNISORCTOR 4.2566 8.1429 4.255 4.1225 5.1689 4.5350 4.1735 4.18

I CRITICAL REMATION: The critical docation for the 300 AEF is the essential ECN 10pct_3hr.

The swider pattern for this ensemble is store 6 into name: ECN 10pct_3hr 1.

The pattern with the groubest -OGAX Mater Elevation> for this ensemble is storm 15 fatorm mase: ECN 10pct_3hr_10p.

ARF: 50 - Max Nates Elevation (n)

(None		NAME OF TAXABLE PARTY.	THE RESIDENCE OF STREET												
1	Ensemble name	Skorm L	drom 2	Storm 3	SCHEELS	Storm 5	Storm 6	Steam 7	Storm E	Steen 5	Storm 19	Average	Std. Dev.	Nedlan	
Charges		OR RESIDENCE AND ADDRESS.				*******			***********		SHULD SECTION	ER * 3 E D D D D T T O			
8	ECK 2prk_10min	2-5373	3.5373	3.9354	5,8375	8.780.6	3.3395	51,0378	2,9347	2000年19	Wa 9450	3.9772	6,8069	2,9972	
	ECN 2pch_12hr	S . 28 2 3	4.0386	8.2278	6.2658	41,0498	8.1991	6-33-69	@ - G G B B	6.3000	9.2050	200323	图台设置设备	2.3270	
	EGN_2pot_1tein	S. STATE	0.5806	4-2478	5,5500	8.5033	9.0420	4.0417	0.0109	8-2828	On 6-2 2 2	4.5617	(B) = (5050.2)	0.0826	
	ECN 2pct 18hr	8,22,46	9.1660	2,2330	4.2880	4.4746	8-4318	4-2509	4.2936	4.2888	4-2-34	4-2952	0.8958	4.2751	
	ECN 2pct I 5hr	0.0633	J. 3533	0.3937	4,3650	4.0700	0.2983	4,2699	4.9643	Vx3388	0.3578	4 - 27 20	0.2424	9 - 2709	
1	EGN 2pct Thr	Qu. 252.5.1.	4.5220	4,3234	0.3146	0.5200	46.0533	4.9230	0,2490	9.3250	0.5185	4,9230	80 x 100 200	4,3200	
1	ECM 2pcs, 25min	6.5088	9-1107	4-2965	4, 3056	6.2593	6,8492	4-3001	4,2004	6 - 1999	40.23168	8.1000	10.0000	4.0000	
- 1	80N 2pcs 24br	新山港総算 金	9.2063	4,3226	9-9508	8-30996	提示 (2000年)	8-1988	dia 905.2	6-0171	4-1271	4.2275	10 a 12 24 5	0.2517	
Ħ	EGN 2pct 25min	0.2578	5-2503	4,359.8	4.1309	8 _ 26 634	47-205-049	4-1578	0.2440	5-1595	3 - 25 - 50	6-1993	60.0000	8.1590	
8	KGN 2pct 2hr	4.3579	2,3838	0.3655	8,3998	4.0799	8.3855	4 - 240252	4,3955	8-2058	0-4253	4.7998	0.0128	4.3860	
1	ECM 2pet 30min	6.3933	9,2960	4,5971	4,3966	8.2962	4.2933	0.3973	40,38000	4-1975	49.2895	4.3567	D-19122	4.1972	
	EGM Spot Shr	6-4218	0.3289	0-4300	4,3500	8.2970	4-9584	0.5668	0.2686	4,9983	4.4270	4-9700	0.83157	4,3896	
- 1	ECK 2pct 45min	4-2571	8.2749	0.2723	842750	8.2760	6.57746	4-2895	4.272	4-99.00	0.07229	4.2762	0.0034	4,57725	
1	ECM 2pct 4 5hr	Se 88185	0.0925	6.3561	9. 3945	0.3861	8:35%5	DREE, P	Ex 5000	8-2983	47.4224	9-3820	0.0000	0.0938	
1	ECN 2pct the	6-5389	8.3605	4-3430	0.3056	4.3524	No. 3283	4.5238	4-5606	4-7399	8-2375	9.3399	心,其疾者也	8,3589	
B	ECN 2pct Shr	8.3830	4.3287	4.0583	4.2693	8-5537	9.3562	4.5279	4.9667	4.2824	4.3352	4.2568	84.2035	0.3360	
(2) No. (1) (1)	HARRICH STREET, STREET	CONTRACTOR.	WIRESPERSON	A THE PROPERTY AND A SECOND	CHARLES SANCOR		and the property of the party o	THE RESERVE OF THE PARTY OF THE							

: CRITICAL DURATION: The critical duration for the SP AEF is the ensemble ECR_2pot_4_5hr.

I The median pattern for this ensemble is storm 2 tatorm name : ECR_2pot_4_Nar_2).

I The pattern with the greatest **Max Rater Elevation** for this ensemble is storm EC (atorm name : ECR_2pot_4_5hr_10).

Ensemble name	Storm 1	Stem 2	Stom 3	Sterm 6	Steem 5	Steen 6	Stem ?	Storm S	Sterm 9	Store 18	Average	Std. Cav.	Heddan
ECN_Spot_10min	9,6847	9,8769	3-8748	9,8732	8,6733	3.6356	2-8763	2.6382	2,2763	2,6376	3,8732	0,9353	8.8765
ECN Spot 12hr	6.0930	9-8950	8-3755	4,2009	4,3973	49227	4-1227	4,2727	8.20938	8-2599	6-1992	0.6865	4,2000
ICN Sect ISmin	3.0729	9.5720	3,9539	2,5746	7.5788	3,9383	3.8736	3,5745	8.3754	3,9753	5.8760	0,0859	8-9336
ECN Spct 18hr	4,1658	8.5458	0.7845	4.0752	8.0905	4, 2956	4.0887		8-1092	0.2724	5-2656	0.0856	4, 1263
DOM Spot 1 She	8,2917	8.2650	4.3949	0.2804	8.0668	8,2854	4.2730		4-2663	0.2949	4.5777	· 原生 连 注 。	4.1794
ECN Spot libe	0.12960	9-2295	9-2823	4.2177	4:2391	6.2595	4.2276	4-2210	4.2332	8.178116	4.2520	D-0806	4-2337
UN Spot 20min	8.2388	8-0399	4.8394	4.6267	30%0.18	0.0366	0.0396	0.0000	9.0502	0.0350	6.6396	0.1600	0.0335
ECN Spot 24hr	6.5030	3.3035	4.1669	3.9364	8-2693	4.6385	4.3732	0.0048	0.10100	6.CXC	8-1477	9-1875	4-6860
DN Spot 25min	6,0847	4.0053	4-6623	4,9673	8.9638	4-8559	9.0869	4.6868	9.0570	0-0853	4,0864	8-8511	0.0007
ECM Sect 2hr	6.0230	4.3158	8.2993	4.2550	4.3922	6.8352	4.25%	d) = 38658	4,3550	6-3664	2-2980	0.0000	4×3505
	As 2100	4.5191	0.0575	6,2700	1-3286	6.0394	4,2188	4-3200	4-1198	6.3296	4.2392	69, 8368	2,1055
DON Spot Somin	6,2729	6.2768	8,2752	6 x 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4.2752	4-3329	4.5452	4.5229	8-2320	9,2046	8-5539	9,5519	R-2021
ECN_Spot_She	6, 1683	0.2768	8,1769	4-1626	4.1019	8,8933	4.3893	4-2669	8-10000 8-10000	3,3933	8,1956	0,6804	9,1906
ION Spot diskin													
DON Spot # 5hz	4.2588	4.5936	\$.3129	4.3100	4.2500	4.3776	4.2968	9-25355	4,3399	Ra3683	4,2472	0.5929	4-3660
ECN_Sport_She	6.3934	8.2390	4-2941	4,2259	8.3535	4,3964	4.0557	81.2802	9-3420	41,2920	8.2850	0.0002	0.2861
BEN_Spot_Shr	83233	4.2303	0.2973	4-3200	8.2813	4.2237	6-2852	4.2343	9:3150	0.02602	6:3559	0.0472	4.2536

| CHITICAL BURATION: The smitical duration for the SO AEP is the ensemble DDN Spot Dhr.
| The median pattern for this ensemble is storm & (storm name : BEN_Spot Dhr_4).
| The pattern with the greatest CHAN Mater Elevation

(5)	MRS 2 855 59	S - Make Hall	OC STRANGETON	Cord												
129	Sweet and and have been added															000
13	Ensemble name	Storm 1	Storm E	Storm S	Stems 3	Stome 5	Storm 6	Sterm ?	Store 8	Stom 5	Storm it	Average	Std. Dev.	Nedlan		- 1
	Commence of the commence of th	STREET, SQUARE, SQUARE,	CONTRACTOR CONTRACTOR			CONTRACTOR STREET	COLUMN TO SERVICE STREET		OR STREET, STR			point and district the same			was the closed out which had a price of	em'D
	ECM 63pct 10min	3,6605	3-6900	5.6688	8.6408	9.5505	3.4567	3-6658	2.6669	8-9695	9,9638	3.8600	O. GOST	2-6007		1
13	RON 63pct 12br	2,4928	8.2304	2-9939	9.8460	0.8072	2,37164	3.7924	25-1970-2574	0.8459	3,2600	3 4 37 3 4	原。原管系统	8-9460		- 1
(4)	ECN (Open 15min	She Tarted to	5.7230	9,7291	2.7294	2.7284	A . THE	3.7285	3.7243	3,7232	3,7256	3-7299	69a 95Q 5.46	8-7294		i
	ECN Sipcs 18hr	9.8633	3.7743	# R. 2 7 PM	2.7686	27.73.99	27,753.35		2,4520	2.7270	28 x 655-608	2-7628	01a 115056	2 70 123		- 1
(8)	gen Gpot I She	2,5049	3.8399	12.00004	3.2344	5.0385	3.3251	19-18397	3.9229	2.9404	3,8452	2.8533	5.0513	3-9500		- 1
19	ECN 63pct 1hr	2,0029	3.9999	3.9015	2.9445	3-9050	3,9094	2,0072	2.9000	3.8005	9-9000	3-9000	0.0016	3,7023		- 1
183	ECM Sipert Zimin	25. 法重点点	3.7679	3.7677	3.7653	35.75	3.3677	3-7827	2-3870	0.7830	2.7573	2.7662	0.5011	3.7677		- 1
13	ECH 63pcc 24br	5. 6399	3.48999	25.75.27	3.20033	3.7154	3.7425	274723	36.3363	8.7848	2,0546	2.4596	@. 6752A	a vecil		- 1
(0)	EON 63pot 25min	0.0000	3-9000	0,7398	3, 9990	3,7932	3,7350	8.7346	2:2002	至人才是在五	3-2561	3.7049	0.0010	3.7930		- 1
	ECN_63pct_2hr	0.2027	5,6269	3,9261	3.0005	8,9615	3.0000	0.997	3-5463	2:3538	2,9123	3-5852	0.8127	8,5263		- 8
8	# SCN SOper Senior	8.8198	0.8299	3.6268	9-8252	3.8208	3.4765	9.5223	3.9333	8-8246	7.6323	5.8220	0.0007	25、63年8月		- 1
(3)	ECN 63pcs She	9,9853	8.8631	349658	8, 5222	3-6600	3,9459	2.5222	32,5336	3.3767	2,9658	3,9467	0.0257	3.9572		
181	ECH Sipot Sinds	5-8565	5.48844	3-6609	3. 8797	9-9749	21-11227	3,8733	Ja. 85 22	2,07.50	3.6735	5.9720	10-0216	F-9752		- 1
	EGN Shpot 4 5hr	7,5680	3.8969	2.8688	3.000	2.2246	2.3129	0.000	3.9358	3.8429	3.9525	0.000	0.5926	2.9257		- 6
(8)	ECN 63pdt Shr	35-1828	0.0762	3.8788	3.9839	SPREED	3.0633	2.8866	3, 2357	1:0707	3 - 93 (6)	3-0483	0.0015	8-8769		
39	ECN_63pct_5hr	3,9692	0.5382	3,9383	3, 9401	3,8552	3,9432	20.8222	20-62-62	2-8712	2,6557	8,8975	0.0490	8.8598		
(8)	Francisco propried and a control propried and a second	Committee of the fact that the fact that the	NAME OF STREET	DEPOSIT STREET, STREET	CHARLES AND A STREET	Commence who were proportion	William Co. S. St. St. St. St. St.	WEST STREET	NAME OF STREET		electronic de la companya de la comp		Charles & Science of		And the state of t	Pines.

| GRITICAL DUMATION : The critical duration for the 69.25 AEP is the ensemble ECM_Glyct_Zhr.
| The median pattern for this ensemble is storm of (storm name : ECM Glyct_Zhr.4).
| The pattern with the questest **CAX** Mater Edevation** for this ensemble is storm 3 (storm name : ECM Glyct_Zhr.5).

Page 472 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze IOSO

Summary Informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 70 No. of ADP Goods: 7 Object Name: Site Result type: Hax

# Ensemble name	Storm S	Steen 2	Stoom 8	Storm 6	Storm S	Storm 6	Sterm ?	Stom 6	Storm 9	Storm 10	Average	Std. Bev.	Hedian	
ESN 0.527 15660	5, 1755	3.7783	3,1735	3,7800	3,1756	273448	3-7995	3,7755	8,7780	3.7754	3,7030	61-6925	3,7755	ı
BEN_0-389_125c	6.0328	2.1625	8-2021	4,9618	8,3206	8,3546	275833	4 35013	0×0523	40.2737	0.0959	9,3542	4.4506	1
ECH 0.257 ASSIS	8,9607	3.5683 5.6926	8.8622 4.5168	8,8629	8,8973	3.9454 3.9459	3,2618	34,9553	8.9258 8.9258	2.9527	3.3659	6-2807 6-2825	8.9650 3.9650	
B CON OLSEY I Sho	0.2179	0.2296	0.0099	8.3520	9.8356	0-1225	6-2233	0.0000	2-1621	4-0468	4-1260	0.401.89	0.4250	i
ECR 0.727 25s3o	66965 56995	9.0952	8.8969	0.0929 31.9297	\$ 1000 P	3,9963	3-4542 4-6988	0-0122 3-0000	9.0930 5.5060	3.7937	1.6205	0,260.6	4.2736	!
BEN G.GET John	3,,6336	5.3671	3.9689	4.1288	9,8838	3.9894	2,8958	3,9729	2.6363	3.7939	8,9199	9,5553	2. 1266	ì
EON O.SEV PERSO	3,5619	3.9517	3.5618	2,9658	9,9599	3.9623	2,0620	3.9619	5,8519	2,9429	3.8615	0.8007	2.7517	
ECN 0.2ET Dick	0.2550 3.9502	9,4199	8.5557	8,3450	8,8146	8.9263	6.1651 2.1908	8.1955 3.1956	2,1090	8.5918	1,1550	0.0007	4.3450 2.9900	
SEN O. SEY SHE	4.2545	9.3052	4,2630	8-5136	4.5793	4,2654	6-1099	41.9860	4-1958	4,2736	6.1450	31-82-94	8-8399	i
ECN 0.327 45e1s	6L6577	4,0563	4.6541 4.6518	4.0269	4.0842 4.0880	0.0050	4.0556	4.0560	4-0548	4.9554 4.9655	4.2560	0.0014	4,4567	
BON O.JEY She	8,1932	9-0231	4.4959	8, 1039	4.8580	0.9573	4-0760	9-9559	0.0867	0.2453	8+9935	10, 10, 10, 10	8,6856	
ECN 0.222 Sec	4.3959	9-0359	4-1765	9,2029	4.23.02	0.2766	6.2077	N-12742	0.0752	49.0020	4,1846	0.5685	6.1990	1

| CRITICAL RESARTION : The critical duration for the 0.227 AEF is the ensemble ECK 0.227 Ehr.
| The median pattern for this ensemble is storm 7 (storm name : ECK 0.227 Etc.).
| The pattern with the greatest come Mater Elevations for this ensemble is storm 5 (storm name : ECK 0.227 Ehr.).

AEP: 0.52Y - Max Water Elevation (n)

	Ensemble name	Sterm 1	Storm 2	Storm S	Storm 6	Storm S	Storm 6	Storm 7	Storm B	Storm ?	Storm 10	Average	Std. Dev.	Hedian	
15.00	NAME OF TAXABLE PARTY OF TAXABLE PARTY.				*********				*****						
	DOM 0.9EY SURIO	0.3175	8.7199	3,3181	3.7869	3-7178	8-3288	2.7172	2:7278	S. VEYS	8.7275	3.7277	0.9892	2,7278	
8	BON G.SEY LINE	3,4201	9:12220	4.3115	2-5027	3.6333	3,6191	252710	선물 설립하다	2,3352	9.5483	5,8905	9.9695	8-5395	1
N	ECH D.SEV ASSAGE	5-703.0	0.7503	3.7855	3.7563	3.7909	3,7593	2,7620	2,1911	8,7916	34,7723.3	3.7508	0.000	3.7930	,
н	BEN G.SET LEBE	9-6980	0.8550	8-3472	A. DESC	3,7530	3,902.9	2,8449	3.3282	228234	3,7243	3-3450	01,5354	3-62700	· ·
	ECH_0.587_3_5he	4.9888	0.0229	2-2962	0.0290	6.0340	45-62/62	4,0250	0.4279	6-0377	6.0433	4.0259	10,0120	6.0500	1
	DON O. SET The	9.4979	2.5633	3,5937	8. 9823	3.3561	2.9999	9.3948	2.7530	9-0924	3,9963	3.7959	0,0028	5. 44900	
	ADDM_D.SEV_100alko	31-8898	5 - 88 67	3,8407	3 - 50-2-5	26.693.8	2.0864	2.5428	37,960,730	2.6368	通用的基金包	5-8650	0,42010	3.9829	
	ECN 0.027 245F	3-3253	3.7752	8.8429	9,9922	3-7981	8-7573	21,7892	2,8443	35. 医护车59	2,6557	3.9414	0.9528	2-3-66	
- 8	sew O.ter Mass	85-6576	N . B 7 7 10	2.8789	3-8765	9.8969	3.5003	2-2735	2.8856	2-6137	8.6716	248332	印。但是28	2-2301	į.
- 8	ECN 0.525 252	9,6120	3.0159	9.0539	9.0523	8.0558	9-5855	4.6468	4.9529	0.0590	30000	4.6383	0.0473	4-8624	,
8	BON 0.5ET BOXES	0.0042	3.3089	3,9956	8-9950	9,9864	3.9069	2,6058	3.900W	5-39SN	342239	3.0050	6-6525	8:0955	
И	EEN O. SEY SER	8.8350	3,8976	8,0868	8-0103	4.264.0	4.5389	8.0658	0.0262	9-6273	3.8638	4.9765	0.1255	4.6316	ı
- 1	ECH O.SEV Challes	04.9604	3 - 01510	8-9511	3.9929	31.0913	31, 3590	25,09622		5,8659	N. 183.33	3.9608	10, 900.00	2.9510	1
10	MEETIN OLSESS & DOOR	6-6860	2.8390	3,9600	3,2751	0.0100	图 600.9 亿	6.0300	3,9373	8.0000	80 E3 25	4,9200	10.0373	4.6262	1
	ECN_O.DEY_GGF	용도설립합성	0.0224	3-3495	3.1950	3,2536	2.2503	3,000	图 经连续从	3.8623	0.1273	3.9518	0.5333	373938	!
	DON G. SEY SEY	8.9619	8.9185	4-0412	4.0023	8.3512	8,9889	20,0671	3.5222	X-9665	3,9385	3,5334	8,6566	8,5632	

| CRITICAL DURATION : The critical duration for the G.SE ARE in the ensemble EEN G.SET_EET,
| The median pattern for this ensemble is storm ? (storm name : ECN G.SET_EET).
| The pattern with the greatest class dates Elevation for this ensemble is storm 3 (storm name : ECN G.SET_EET).

AEF: 19 - Max Water Elevation (m)

2000		3-550-54		*********		******		NT 5.40 - 22 - 23 - 43					**********		**************************************
8	Ensemble name	Storm i	Storm 2	Storm S	Storm 5	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 50	Average	Std. Dev.	Nedlan	1
8000		TERRITOR TREE	TARRAMENT TO STATE OF THE STATE	PERMIT	WITETERSTONER.	CONTRACTOR CONTRACTOR	NAME AND ADDRESS OF		WEATHER PRINTERS		NAME OF PERSONS ASSESSED.		CHERTARASTA		Contractions
1	DON ipct lömin	3-3630	51-8425	34.9833	5,16000	8.0832	2,5829	35.49339	3-1817	50858	3,5638	3.9827	07.450000	2-9836	1
i	CON 1905 12hr	46.4653	4.9235	6.5000	4.9496	6,6760	9.2655	4.5561	46,7064	8-8691	0.5883	8 -8597	0.2443	2-6265	i
18	EGN Ipct 15min	C. CHOK	8.0582	4.0899	8,9898	F = 0.550.50	8,0202	0.5995	9,5016	6-1995	6.6666	4 - 0900	8-6022	9.5550	l l
И	EGN lpct 18hr	8-2576	8.3859	8-2169	4-3334	8.5660	49.5955	4.3353	4.3860	4-2729	65,25790	0.3000	29, 555.70	4.3669	g.
H	BUN Ipct I the	8.4358	4.9238	0.4406	8:3258	8.4895	4.2899	4.4093		9 - 857 7	0.4359	4-8628	0.0123	Q . \$1939	1
	EGN_ipct_lhr	8,2659	0.3889	4,3697	4.3823	8.0832	6.3898	8.5736	4.1250	8-2006	6.3928	4-5945	9,9595	0.1810	
1	ECM lpct 20min	8.3555	根。2.665%	4.85399	A. 2333	8,250.3	41,355.60	4,2802	9.9603	8-1508	0 . 25 5 6	4.2000	6,400,5	0.0000	1
	BON THOS 24br	0.3579	8-8597	4.4269	8. TAGS	6.8938	9.5555	4-2823	4,4999	4.0392	8-23.55	4 - 5523 %	(0m2482)	4.3300	1
	ECM Igot 25min	9,7122	4.22.42	4.2128	4,2630	4:2135	8-2029	4.9545	4.2149	9-2028	81-0137	4.3332	0m00003	4-2713	į.
	ECN April 2hr	6.4550	4.4568	8-4538	8-4510	8-4557	4-8553	6-4950	4.8440	8-2790	G-4350	0.6628	60 50 FW	4,6550	1
ji .	ECN 1pct 30min	0.0273	0.2536	4-2658	8-2567	42508	0.2556	0.2511	8-2756	9-2519	0.5528	8-2513	0.0025	表。正面都有	1
B	ECN lock the	0.4524	8-2490	0.0085	4.0000	6.4292	0.5358	4.4398	81 a 10 8 8 3 9	8.8302	9-5063	4-4142	60 4 (33.358)	S-03-70	j.
1	ECN_lpot_dSmin	6-2666	8.3388	8-2383	8.3100	6.3842	8-3345	4.3253	9-3199	4.3339	0.2345	4.2359	0,6519	4.3382	E.
	EUN iput & She	8,5033	4.0000	8,6276	8-3380	4.0053	6.4375	3-6533	4.4775	8-8369	8.5662	4.6526	9-9435	8-3500	1
	ECN tpot 6hr	8,6393	4.0000	0-0030	8.3850	6.4362	0,0635	0.0011	0,1075	6-9000	6.4755	6.0783	0.0832	8-0565	ı
	ECN Ipcs 9hr	6.6662	4.9598	4.3219	4.3490	9-83-69	6.4617	4-8979	9,2629	0.5638	8.4880	4-4513	0.8657	4-9259	j.
(Kipping	THE REST OF STREET, ST	WEST AND DESCRIPTION OF THE PARTY NAMED IN	CONTRACTOR DOCUMENTS	PERMIT	PERSONAL PROPERTY.	STREET, SQUARE,	VALUE OF STREET	PRINCIPLE STATE OF THE PARTY OF		CONTRACTOR STREET	CHARLES CONTRACTOR	NAME AND ADDRESS OF	ALLEGO PROPERTY AND ADDRESS OF	STATES AND ADDRESS OF THE PARTY	Рискованородилировачиний изменений и под при

ARP1 20%	- Man Water	Elevation (-)												
Parameters			OCCUPATION AND ADDRESS.				ORDER STREET				PARTICIPATE DE LA COMPANION DE		RETURNATION OF	***************************************	Sec.
Encemble same	Storm S	STREET, ST	Storm 3	Storm &	Storm S	Storm 6	Storm 7	Storm S	Storm 9	Store 50	Average	Std. Day.	Median		- 1
Расположения объектеми и политический и пос	opposite and the second	No. of Addition of Street, or Str	more and the second	emilian cuidonia	ARTERIOR STREET	NACTORISEMENT AND A STATE OF THE PARTY OF TH		and the state of t	were the second	acactive elatority de	THE PROPERTY AND PERSONS ASSESSED.	CONTRACTOR AND A	management of the same	enoncourt for a supplied to the	ation(k)
# CCN_10pct_10min	3, 9232	9-6252	3.6888	8.8586	2,00000	3.9264	2,8576	0.0255	3-8274	0.0270	3.9259	0,0000	8.8259		1
ECN 10pcs 12hr	8.35.76	4-3357	8.0002	8-2222	8.2092	8-3356	4-2502	4.2773	0.5826	0.27.3	6.5479	0.0785	4.1584		- 1
# ESM 10pct 15min	3,9359	0.5160	3.93.62	3,9798	3-9277	2,9965	30,0377	25, 90, 766	2,9100	C-5066	3,8172	9.8011	3-9537		1
ECM 10pct 18hr	4.0257	9.0593	0.2370	2,2330	3.3500	4.0059	4.0530	0.0619	6.705.80	602729	2-0912	0.0388	8-0231		- 1
BGN_TOpot_I_Shr	5-7151	9-2571	8.03000	4-1869	4.3613	8-2972	0.28993	0.3963	9-2101	5-3366	4 -2364	0.0106	6-2030		- 1
SCN_10pct_lhr	0.2642	4,3593	0.1007	5.7688	4,3594	0.3638	是	Qx2560	9-1629	6-2700	9 = 2 6000	9.8055	8.1697		- 1
ECM lopet lomin	3.9769	3.3757	2.9482	3-3756	5,9989	3.6255	0.9786	348336	2-0900	3,9767	2-9790	8,5555	5 - 83 90		- 1
80N 30pct, 24Ne	9.3845	0.7650	8.6999	3.2689	3.0118	3,2660	4,2699	31, 95,58	2-5652	·公园(0.10.3)	9 - 9356	19.270g	3-9950		- 1
ECN lopot Zimin	4.0236	9-5230	4-827.5	9.5329	8-2000	41.43245	6.0233	40.000.00	8-0250	(A) 1850 203	4,0229	65 69 28	4.0253		1
EUN 10pcs 2hr	0.2349	4.9332	0.1805	8.2926	6-2250	4.2225	0.2216	0.2850	9-71-50	0-2264	46-29-31-31	0.0184	0.2242		1
ECN 10pct 30min	0.0553	4.0550	0.0551	0.0356	6-30.58	8-9569	6-0587	8-6543	4-9596	B. 8588	6:0559	61-180-69	8.6559		l l
ECN TOpot the	8-8932	9,2996	8.3956	8.2792	8,2988	6,3366	6,3625	9-2009	8,2588	6,2760	4-2298	0.0398	4.2296		1
ECM_10pct_45min	4-3230	4.1339	6-3594	8,3390	6.3535	46.2227	4-1233	4.3223	9-5230	8-2525	4 - 1203	8,9999	4.3225		- 1
EGN 10pot 4 5hr	8.9838	4.3256	4.32233	4.8222	0.1088	4,2736	4,2528	4.3508	0.2720	0.0000	8-8308	(B)。10年ES	9-3329		- 1
ECN 10pcs 6br	相。於是使用	4.3546	0,2765	9.2452	8.00000	4.2304	47.27539	40.00000000000000000000000000000000000	8-2520	例。原理疾患	0.2590	2,5554	4. 1320		- 1
Water States of Contract	D 1996	St. Company	G 0000 PLS	A 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	/4 (E. S. V. M.	40 (205-20-4)	A CONTRACTOR	A CHARGO	49 400,000,000	20 (7) (5) (5) (6)	4 6 6 6 6	CONTRACTOR OF THE PARTY OF THE	- A 2-CBD		

ECN 19pt (hr 8,2900 8,3988 8,2787 8,3955 8,2865 8,2

ARF: 50 - Max Nates Elevation (n)

(%)	A	STATE OF THE PARTY.	THE RESERVE OF STREET												
- 1	Ensemble name	Storm L	dicere 2	Storm 3	SCHEEL S	Stom 5	Storm G	Steen 7	Storm &	Steen 5	Storm 10	Average	Std. Day.	Nedlan	
		NAME AND ADDRESS OF THE OWNER, WHEN PERSON			*********	*********	**********			*****		DEFENDED TO SERVE		*********	***********
8	ECN 2prk_10min	2,5373	S-5371	3.5253	5-8373	8-0973	3.8395	01,0369	2.9367	7.5390	Wa 9653	3.8278	0.0005	2-1972	,
- 1	ECN 2pct 12hr	8.3299	4.0289	8,2275	6.2632	4,0883	8.1939	6.57566	@- @ g B B	9.3999	6.72035	200700	민준보원교육	8.3277	1
- 8	EGN 2pot 1tein	8.9735	0.5605	4,0419	5.0000	8.6897	9.9627	4.0416	0.4450	9-5623	On (\$4 15)	4.6937	80-86922	0.9835	
- 1	ECN 2pct 18hr	8-22-63	9.1660	2,5329	4.2276	6.4767	8-4727	4.2551	0.2937	4.2557	0.2483	4-25-8	0.0358	4,2350	
- 1	ECN 2pct 1 5hr	0.0658	4.3822	8.3768	dr. 3455	6.2729	0.2501	4,2688	42,200,50	Vx3380	0.5886	4 - 37 39	0.2120	9-2709	
- 1	ECN 2pct Thr	8-3208	4.3330	0,32.93	0.0165	0.5286	4,3242	4.9118	0.3000	9.2399	0.2163	4.9999	(i) _ (i) 12 (i) 7	4-54-56	
- 1	ECM 2pcs, 20min	6.5000	9-1107	4-31990	4, 3020	61.27793	4,8892	4 - 20000	8,2038	6 - 3230	0.2100	企业基础保护	0.8700	4.5032	
- 1	ECN 2pcs 24br	Se2873	9.2000	4,3225	9-9508	8-3900	42.00077	9-1942	46.6053	6-0171	學由發展學習	4.2370	Dell'And	0.2516	1
H	EGN_2pct_25min	0.2578	4-1000	A-25100	4:3369	6,2699	0.3039	6-2579	0.3668	5,1598	(Au 25,50)	4-1533	69-15000	0.1090	1
- 8	EGN 2pct 2hr	4.3976	3 382.9	9-2606	8.3692	4.0774	8.3859	4-3822	4.3966	8-4050	8-4199	4.2998	0.8526	4.3820	,
- 1	ECM 2pct 30mln	66.3531	4.1509	4,5970	4, 9965	9.5863	8.2558	6.3373	4-3507	4-1979	9,355.4	4.3566	D- 500 C-6	4.1972	1
- 1	EGN 2pgt 3hr	6-4334	9.8367	0 - 43(4)3	4,3555	6.2570	4-3585	0.8888	0.9863	4,0583	4.40700	4-3782	0.2009	4,2896	
- 1	ECK 2pct 45sin	中国领土的	4.2767	8-2931	4-5740	8.2759	6.5743	4,2988	4.27523	4.5329	4-17726	8-27-38	10 x 10 0 0 0	4,37740	
- 1	ECN 2pct 4 5hr	0.0880	4-3925	8.2540	Sta 389 4.82	0.3661	@x202990	DREES, P	0.0000	8-7232	47,4934	9-3620	0.0000	0.0050	
- 1	ECN 2pct Shr	6-5588	0.3000	4-3472	0.3057	4.3524	No. 38,533	4.5238	S-56 (12)	4-3306	8-2375	9.2399	企业资格等	8.3547	1
H	ECN 2pct Shr	8.3830	4.3254	6-0283	4.2892	8,5555	0.3862	4.5273	4,9686	4.2012	4.3353	9-2565	89.20.85	0.3398	
	A COMPANY OF STREET, S	WITH A REPORT OF THE PARTY OF T	ATT WIND APPARENCE AND A	ARREST DAY AND	CONTRACTOR OF STREET	STATE AND ADDRESS OF PERSON	THE RESERVE AND ADDRESS.	THE RESERVE AND ADDRESS OF THE RESERVE AND ADDRE	WINDOWS THE PARTY OF THE PARTY			ACCRECATION CO.		STATE OF THE PARTY OF THE PARTY OF	

: CRITICAL DURATION: The critical duration for the SP AEF is the ensemble ECN_2pot_4_Shr.

I The median pattern for this ensemble is storm 2 (storm name : ECN_2pot_4_Nar_2).

I The pattern with the greatest **Max Rater Elevation** for this ensemble is storm EC (storm name : ECN_2pot_4_Shr_10).

ABP: 50 - Max Water Elevation (m)

Ensemble name	Storm 1	Sterm 2	Stoom 3	Sterm 6	Storm 5	Stem 6	Sterm ?	Storm 8	Stem 9	Storm 38	Average	Std. Dev.	Heddan	
Bill Cook Library	0.9540		8 0340	9,0762			A 0900			2,6172	3,9753			
ECN_Spot_10min	2,6949 6,2952	9.8767	3-8745 8-3755	4,2006	8.0752	21-0045 Fr 0004	5,3762	21.6332 4.2727	25 - 25 F (4.23 N - 2020 G (3	8-2534	6.2012	0.555k	2.8765	
ECN_Spot_12hr						4-3196			0.3090				4,2040	
ECM Spot Youin	2,0927	9.8329	3.2729	2.9748	19.5759	2.5255	3.8732	3, 5742	8,3756	3.9753	3-8729	0.0010	8-9200	
ECN Spct 18hr	45, 8653	8,5,638	0.0440	4.68.00	8-2486	4,2975	4.0886	4,6872	8-3939	8,2718	4 - 2.659	Dr. 1087A	4,1200	
BON Spot 3 She	Sal 2225	8-2479	6.3947	4.2887	8-0989	8,2957	4 : 2752	0×2850	9-2899	而且是是模型	8.25780	B1 20 20 10	4.0599	
100M Spot She	Septem	9:2296	4-2320	9-2179	6:2309	8:2012	4.5308	4-2006	4.2320	8.52528	4,2020	De0051	4-2325	
EUN Spot 29min	8.8389	8-6398	4,8394	9,5296	6,0402	0.0395	0.0386	49,00000	8.8863	0.6270	6 - 93/92	0.0599	4,9393	
ECN Spct 24hr	4.5038	3.9245	610002-8	7.9163	8-2003	4.6503	6.3720	9.5388	0.9000	G-67407	8.1376	9.2874	4-0839	
ECN Spot: 25min	0.0897	4.0958	8,0825	4,9685	8.0630	41-6859	GORDAN W	4-6851	0.0938	0.0833	4,0060	61-8653	0.5557	
ECM Sect 2hr	6.3833	4,3579	8.2587	9,2350	4.2020	4.6905	4.2500	41,3663	4,9050	0-3657	8-2939	0,8500	4-2920	
SCM Sect Nimin	A.218E	0.5990	3-2277	8.2799	3-5086	8,3240	4.8389	4.3200	9-3595	4.3295	4-8399	69, 85568	2,1150	
ECN Spck Shr	4,2794	6.9769	8,2749	46-3200	4-2767	9-3397	4.5453	4.3320	8,0080	0.2592	8-5534	9,5303	8.2000	
ECN Spct. (Smin	0.0682	9-2965	4.2507	46-4803	3.353.3	0.2930	4,1956	4.2557	2.1508	342000	8.1955	0,892.5	0.2995	
ECM Spot 4 She	4,2684	4,1937	8,3129	4,3194	4.2502	4.3534	4.2898	4-1554	3.2193	A.3591	4.2573	0.5525	4.5650	
ECN Spot She	4,3932	9.2368	4-2961	4-5255	3,3234	4.3563	4.0852	81, 2882	8.3428	41,2937	8.2885	0.0002	3.3900	
EGN_Spot_Shr	8-3272	4.23366	0.2977	4-2897	8-2916	4-2234	首:包括5世	4, 2540	8-2425	8.0241	4 : 25079	的。 如何多处	4-3233	

| CHITICAL BOOMTION: The critical duration for the SC AEP is the ensemble BON Spot Thr. |
The median pattern for this ensemble is storm B (storm and : BEN Spot Thr. 8) |
The pattern with the greatest CHAN Hater Elevation For this ensemble Is storm 10 (storm name : BON Spot Thr. 10).

AEP: 63.2% - Max Water Elevation (n)

		T. BEGGEROUS											
Same and the same of the same	CARDINAL CRA			450000000000000								********	
# Ensemble name	Storm 1	Storm E	Storm S	Sterm 2	Stome 9	Storm 6	Stem ?	Storm 8	Storm 5	Storm it	Average	Std. Dev.	Nedian
Connected the contract and the party of		CARL CHARLES CONTRA		a proper participation of	OR SHEW SHEET SHEET	Witness Contract Cont	*****				STATE OF THE PARTY OF THE PARTY.	mir w may be desired in a few sections.	Contract the second contract to the second s
ECN 63pct 10min	3,6509	3-6997	5-6589	8,49,005	9.8609	3.9630	3-6607	2.6806	8 - 9099	3:9105	3.8699	0.5051	E-6600
REN 63pcs 12bc	2,42526	2.5220	2,9938	9,8466	0.8070	2,7700	30.7923	25 x 25 to 25 d.	0.48450	3,5400	25-27-20	0.6785	8.494.90
ECN 63pcs 15min	34 77 4 9	S . 7.2359	5-72-61	2. 7240	2.7289	2.3000	3.7396	3. 7242	3,7393	35,7257	3-7223	GH 9555 W	2.7293
ECN E3pcs 18hr	9.8035	3.7794	4.6275	2.7635	2,73,63	27,70004	20-7628	3,4813	2.7227	3,6545	3.7627	01a11808	2.7452
ECN 63pct I 5hr	2,5246	3.8309	2,3092	3,2342	8,9384	7.8258	20-9395	3-2254	2.5400	3,3452	2.8712	5-0594	2,932
ECN_63pct_3hr	9,0000	3,2597	3.9013	2,9010	3,9088	3,79943	2,9632	2.9352	1.38603	3,9007	3-9922	0.0016	2,9623
ECN Sipert 20min	37.7638	3.7878	3.7676	3.7653	30,7676	3.3636	3,7828	2,7676	8,7650	2.7574	7,7562	0.5033	2,7676
ECH Sipot 24br	S. 6236	3-6993	3,7500	3:9879	3.7250	3 - 33 3 5	2,7127	7.7545	2 22 22	2.3394	3 . 723 8	图 图 图 图 图 图	2.7950
ECN_Copot_Somin	0.0593	3.9990	3,7397	3, 9990	0.7891	3.7509	2-7863	2:2000	5.7942	B. 7355	3.7796	0.0228	3.7920
ECN_63pdt_2ht	30-2003	3:0242	3,9261	3.6055	8-9616	3.0596	2,5453	0.5955	3-9537	2,9901	5-5893	0.8237	B : 64(d).
# SCN 93pc% Senion	3.8153	51.8236	5-6243	3.8240	3,9208	3.4063	8,3225	36.553.57	8-9259	75.00000	2.8225	0.0007	3,6217
ECN 63pct 3he	9,9955	8.8036	349659	8,9599	5-5559	3,9426	3.3823	2,5323	3.5789	2.9680	5.9467	0.0257	3,9373
ECS Sipot Sinds	0.8731	51,917,510	35、在最高级	3. 8793	5-8738	7.8728	3,8733	3-02-20	3,9729	200725	529830	0-0016	2.9722
EGN_SOpot_4_Shr	2,0405	3.8983	2,8682	3,0295	P-20242	2-3659	09-2018/9/01	3, 9350	3.3629	37.95542	7-9650	0.5006	8,9986
ECN_63pct_Shr	36.05.87	0.0350	3,8783	3.9526	2-6758	3.9628	2.88669	2,9370	2:8760	3.5500	3-3-650	(F) - 100 2 12	2.8740
ECN_63pot_5hc	3-9692	0.5363	3,9351	3,9423	28,8950	3,9693	2.3922	20.0000	3-8713		9,2375	69.0482	8.8598

| CRITICAL DUMATION : The critical duration for the 69.25 AEP is the ensemble DEM_63pet_Zhr.
| The median pattern for this ensemble is storm of storm name : ECM_63pet_Zhr_9.
| The pattern with the questest CMAX Nater Elevation's for this ensemble is storm 3 (storm name : ECM_63pet_Zhr_5).

Page 473 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze IDIO

Summary informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 70 No. of ADP Goods: 7 Object Name: Site Result type: Hax

I Ensemble name	Storm S	Steen 2	Stoom 8	Storm 8	Storm S	Storm 6	Sterm ?	Storm 8	Storm 9	Storm 10	Average	Std. Bev.	Hedian	!
gen o.sey teste	5,7955	3,7793	3,1794	3.7808	3,7793	275238	3-7799	3.7794	3,7789	3.7754	3,7290	61-5325	3,7786	1
EGN 0.359 1250 EGN 0.257 13636	0.0000	Q.1626 B.2634	8.2620	4,964B 8,8639	9.9938 9.6691	3.3546	2-2535 2-2636	9.2555 24.9552	0.0500 0.5000	8,9450	0.0950	9,1042	8.9650	1
BCN 0.2857 1952	8,0000	8.0191	4.8172	2,0010	8,8372	3,9850	3.9613	3,28,44	8,9259	8.88.69	3.3859	0.2226	3 - 940-9	i
ECH O.SEV 3 She	A.2378 A.8984	8-185A	d.8899 d.8898	8.2506	4.5353 4.5326	8.1228	8 - 32/3/8	4.9413	8-1496 9-0930	4.0465	4.7259	0.0145	8.2290	!
ECM D.727 Stade	5, 6, 64	3,3252	3,3196	3.1296	5,5289	3.9996	9-1210	3-5203	5,5089	3.7919	3.8354	0.000.0	3,9705	i i
BON 0.007 36tr	3,8396	5.9973 3.9936	3,9696	8,9992	2.5597	3.9999	2,8992 2,8923	3,9700	2.8242 5.8617	3.7630	3.8618	0.9953 0.9997	2,9669	1
ECN 0.SET.Sky	6.3292	4.1125	8-2125	4,1598	5-1648	6.3263	4,4653	4.4435	2.1570	6-3657	4,1500	0.5200	4.3634	i
BON D. FEE DROLL BON D. JEY JAN	9.9923 4.2549	9,3933	8-5557 4-5857	8,6501	3,3545	3,3544	2,9998 4,1099	3,9549	2-2542	0.5919 4.9731	4.1489	6-6954 6-8254	2,9933	
ECN O.SEY (SEAS	646575	4.6582	0.8886	4.9560	4-8842	0.0953	4.0542	46.485.68	4-5542	0.9254	4.0550	0.0014	0,0346	1
ECH 0.20F 0 5he	4.2178	9.1822	0.0431	4.0746	4,1026	0.3696	4-1494	4.2669	2-1563	4-2654	4.2503	0.6422	4-1579	Ü
ECN 0.257 She	4.0559	8-0237	4.1795	8,3035	4.2500	0.9575 0.8765	4-0767 4-0178	8) - 113(12) 6) - 122(1)	0.0567 0.0755	40-2431 40-2521	6,0319	6.555 6.555 6.555 6.555	8,5658 8,1588	1

CRITICAL BURNATION: The critical duration for the 0.257 AEP is the ensemble BCN 0.257 2hr.

The median pattern for this ensemble is storm to the content of the ensemble BCN 0.257 2hr.

The pattern with the greatest -GGN Hater Elevation for this ensemble is storm 5 (storm name : BCN 0.257 3hr 5).

AER: S.SEY - Max Water Elevation (n)

- 1	Ensemble name	Sterm 1	Storm 2	Storm S	Storm &	Storm S	Storm 6	Storm 7	Storm B	Storm ?	Storm 10	Average	Std. Dev.	Hedian	
0	CONTRACTOR STATE	expectation in the party	CHARLEST STATE	OGENERAL SERVICES	THE THE PERSON NAMED IN	(minority extension)	NAMES OF TAXABLE PARTY.	CHEVEN STREET,	STREET, STREET,			*********			and the second s
- 1	DOM 0.9EY 19sin	8,3175	8.7150	3,3189	9.7860	3-7178	3,3297	2,7172	2.7278	S. WITE	8.8755	3.7277	0.9895	5-7577	1
- 1	BON G. SEY, LINE	3,4203	0.12273	4,3112	2-5029	3-3337	2:54 90	252719	42.9576	259989	0.5469	5:0000		8-5316	1
i	ECH D.SEV ESPLE	9-7569	3.7952	3.7911	3.7502	5,7500	2.7937	2,7985	25,71906	8,7934	34,70033	3.7508	0.000	2.7520	i
- 1	BON 6-SEC 1884	30.0963	0.4555	8-8476	R. 9456	8,7837	3,9032	0,8463	3.75(1)	500000	3.7258	5.8400	0.3325	3-500	1
- 1	ECS 0.503 3 55e	6,5537	9.0236	3.9905	4.0297	4.2340	8.0230	4-0245	8.4225	6-030734	8.0452	4:1259	10,0120	4.0240	j i
- 1	DON OUSEY TON	9.9873	5-8639	31,589.5	2,9939	8.3861	3.9367	9,3949	2,9557	5-8932	3,9963	3.7988	0.0028	2:9946	1
- 1	ECM 0.587 FORES	368897	5.8597	3,3400	3.86333	26003.6	3,8463	9-6425	37, 32, 23,	20.8287	3.6552		0.42010	3.8860	1
- 1	ECN 0.027 2450	3.3252	5.7760	2.2423	9,9900	3.7980	8.7999	2,7681	2,6441	3.2899	9.6166	0.9600	0.9528	7.7929	i
- 1	BON O.SEY NEEDS	0,6773	8.6752	3,8763	3-8760	9.8999	3.5000	2:3324	2-3655	2-6129	2,6725	2.3332	网。但是公格	2-2505	1
- 1	ECN O. SEY SEC	9,6128	9.0255	9,6539	4.8529	4.0952	80×5825-7	4.6988	47,9423	8,0529	0,0846	0.0000	0.0570	9.8624	i
- 1	BON 0.5ET 10ESA	5.9041	3.3659	3,8009	8,9048	9,9693	3,9664	2,6038	2,9927	5.3983	8,9929	3.0568	的。由于	9 = 9954	1
- 1	EEN OUSEY SEA	8.6223	3.6976	8,0867	4-6123	4.3650	4.5000	8.0858	0.0267	0-0745	3.0023	4.9567	0.1255	4.0320	ı
- 1	ECR 0.55% @Seden	34,9504	3.0550	3.9510	3.9627	8-9613	3,7500	35,89612	21,9535	5.8609	N. 155.33	3.9409	10, 90000	2.9609	1
- 1	MICH OLSEN & DOOR	8-5360	2.0910	37,9603	3:3750	0.0800	0.9928	8 - 6380	61-553108	6.1 (1.600)	66-6455	4.9207	10000000000000000000000000000000000000	6:0268	1
- 1	ECN_0.522_661	多中央正正 章	22. 电复多电	2,2769	3.238	3,2653	3,3539	3-1005	9-14686	3.8829	图。 建整定规	11-10-12	0.0356	7.3553	1
-	ECN O. SET SET	0.0619	8,5186	9-0423	4.0000	8.3913	8.9889	20.0672	3.5026	8,9656	3,5388	3,9339	8,6566	8.9690	1

| CRITICAL DURATION : The critical duration for the G.SE ARE in the ensemble EEN G.SET_EET,
| The median pattern for this ensemble is storm ? (storm name : ECN G.SET_EET).
| The pattern with the greatest class dates Elevations for this ensemble is storm 3 (storm name : ECN G.SET_EET).

AEF: 10 - Max Water Elevation (m)

- ADDRESS OF THE PROPERTY OF THE PARTY OF TH										DESCRIPTION OF THE PROPERTY OF					
Ensemble name	Storm 1	Storm 2	Storm S	Storm 5	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm SC	Average	Std. Dev.	Nedian	T T	ı.
* REAL PROPERTY AND A STATE OF THE STATE OF	CERTIFICATION	TARRANCO CARL	CONTRACTOR	WINESTERN PROPERTY	COURSES THE STREET	NAME AND ADDRESS OF		WEATHER PRINTED	STATES THE PARTY	NAMES AND DESCRIPTION OF THE PARTY OF THE PA		CARACTARASANA	STREETS CONTRACTOR		8
ECN ipct lösin	39-36530	51,8824	3,5833	34,160,000	25.08.12	20.5609	35.49039	34.9823	50038	3,4810	3.9826	07.45010170	X - 2006	· · ·	1
SCN 1pcs 12hr	9,9500	4.2559	4.3858	9.7662	0.0764	9.2659	4.5563	61,7547	8-8699	0.583.0	8-8569	0.1445	2,4250	į.	i .
8 SCN Ipct 15min	C. 0807	0.0930	0.0000	0.9295	F-0907	4-0902	8-0980	9,5035	6.0903	G. (SEE)	9-0309	01-12022	9.6900	j i	Ė.
# ECN lpc% 18hr	6.2038	8.2859	8-3169	4.27749	8.3668	4.5453	4.3399	4,3866	8-8725	8.7448	0.5696	29,033.93	4,3667	į.	Ė
# EUN Ipct I She	8.4362	4.4728	0.4401	81:8/0.006	8.4838	3, 2500	8.4002	44.4344	9.3976	0.4588	4-2802	0.0123	9-4640	į.	í.
EON ipct the	8,2848	4,3697	4,2806	4.3829	4.3853	6.3866	6.5750	4.3225	9-9956	0.3826	4-3955	9,9999	d-2653	T .	1
ECM lpct Z0min	8.3559	8.2630	4.8535	4,2330	8,3603	4,9900	4 - 2 - 2 - 2 - 2	9.9600	8-1567	0.2555	4.2000	0.0006	9.0483	j.	i .
BON 1pox 24br	0.0377	4.5599	· · · · · · · · · · · · · · · · · · ·	6.5473	表示表现表示。	9.9054	4,2818	6,6954	8-0370	明由是在外面	9 - 5023 %	印 ····································	4.3300	,	1
BON Ipct 25min	9,0129	4.2342	4.2128	4,2639	4:2349	8.2937	4.8222	4.2142	9-2027	SIL0138	4.8422	0-6989	4.9733		i.
ECN Spot She	8-4650	4.4569	8.4558	8,4556	8-456.5	4-8553	6.4558	9-9673	8-8763	等n4.3500	4:6803	6.6121	4.4560	,	į.
# ECN 1pc% 30min	40.400.000	9-2525	4-2529	4-1846	46.2516	0.2550	6,2506	8-2523	2-2549	0.5535	8-2500	9-39/5	4, 1596	,	ŧ
ECN Ipcs She	0.4500	8-8463	4-5875	4 4530	6.4249	4-4392	4-8593	69.600.00	4-8782	母品等现形3	4-4340	O-9333.	40-43-55		į.
# EUN_lpot_dimin	8-25-5	4-3369	4.2325	8-2137	6,3869	0.2247	4 . 33790	4.3135	4-33-32	00000	4.2359	0.5029	4.200		į.
EUN ipot & She	8,5938	4.6533	8,6976	5-3135	4 - 8000	6.2037	3-6533	4,4775	8-8353	8.0980	4.4557	6.6138	성, 경영사이	,	į.
ECN Ipot 6hr	6.6193	4.4339	4-9935	8.3970	6.4162	0,0122	0.8010	0,3551	6-4039	佐山田子立ち	6-9797	0.0219	9,4569		1
ECN_ipcr_9hr	No. 58 65	8.9092	4-3246	4.3889	9-4350	4.4517	4-8572	Na DEZE	9-9622	C.4971	4.45322	0.2557	4-4959	,	į.
A SERVICE OF THE PARTY OF THE P	PERSONAL PROPERTY.	CONTRACTOR OF STREET	NUMBER OF STREET	THE RESERVE AND ADDRESS OF THE PARTY OF THE	STREET, STREET	PARAMETERS OF	CONTRACTOR STATE	DESCRIPTION OF THE PARTY OF THE	OR STATE OF STREET	Charles of the Artist Artist Control	NAME AND ADDRESS OF THE OWNER, TH	ALTERNATION AND ADDRESS.	OF STREET, STR	AND RESIDENCE OF THE PARTY OF T	9

CHIPICAL DESATION: The crimical duration for the 18 AEP is the example ECN ipot 4 Shr.

The modion pattern for this ensemble is storm 5 (storm name : ECN ipot 4 Shr. 21.

The pattern with the greatest 4664 Motor Elevation 5 for this ensemble Is storm 50 (storm name : ECN ipot 4 Shr 189.

AEP: 10% - Max Water Elevation (n)

Parameters									-				**********	
emus sidments	Storm S	S. REGER	Storm 3	Stopm &	STORM S	Storm 6	Storm 7	Storm S	Store 9	Store to	Average	Std. Dev.	Median	
Parabasean and residence in the contract of th	rothics and a second and	NO AGEST STREET, STREE	automatica de la compressión d	enstancembons	OCCUPATION AND ADDRESS.	accessors and a common and a common accessors and a common accessors and a common accessors are a common accessors and a common accessor and a common accessors are a common accessors and a common accessor and a common accessors are a common accessors and a common accessors are a common accessor and a common accessors are a common accessors and a common accessor and a common accessors are a common accessors and a common accessor and a common accessors are a common accessors and a common accessors are a common accessors and a common accessors are a common accessors a common accessors are a common accessors and a co	ka arret since krancu	enforcemental entrales	were an additional force.	erace area data cultural de	CONTRACTOR STATE	OR RESIDENCE AND ADDRESS.	and the second second second second	COLUMN DESCRIPTION OF THE PROPERTY OF THE PROP
# CCW 10pct 10min	3, 2013	3.8352	3.6249	3.8235	2,7253	3-5264	9,8970	3-4298	3.8874	0.0270	3.9259	0.0005	3.8250	
# ECN libes 12hr	8.3583	4-3353	4.000000	8.1122	8-2039	8-3363	0.3501	47.277.0	0.5857	0.2236	6.5470	0-5785	8.4887	
# EDM 10pct 15min	3,9150	0.49259	3.9562	3,9260	0,9179	2,3965	30.5578	2,7076	7.3199	3.9164	3,7375	0.0010	3-9576	
ECM lopes 18hr	41-0255	5.0599	8.2376	3,3939	3,3891	4.0793	4.0100	0.0019	0.402349	602728	2.0971	0.0355	8-0205	
BON TOpot I Shr	5-2151	9.2570	6.63.93	4-1878	4,3519	8-2404	4.2000	0.3934	4-2402	· · · · · · · · · · · · · · · · · · ·	4.2962	0.0102	2-2003	
ECN_10pct_lhr	0.2543	4.4583	4.5067	4.3450	4,5592	0.3623	4.5853	0.2579	8-1623	6-2769	4-1007	9.8056	8.1699	
ECM Sepot 20min	3.9589	3.9797	2.5752	2-5794	5,9799	3.6759	0,9783	349738	2_3999	3,9386	2-9792	81.5868	3 - 53 3 9	
ECN 10pct 24hr	9.3885	3.7656	2,0323	3.2550	3.0227	3-33-38	4.2803	31, 68,78	2-8970	49-60-62	4 - 6356	Na Divid	3-9990	
ECN 10pct 25min	8-9223	9-5239	4-2012	9.3322	8-0933	41.432.35	6.0233	40.000.000	8-0228	(A) - 12 2 2 3 3 3	4,0229	6.6929	4.0234	
EUN 10pcs 2hir	6.2349	4.3330	6-8859	8.2928	6-2259	4-27-2	0.05.00	9,2000	9.7250	0-2364	4.2577	0.0184	0.2255	
ECN_10pct_30min	6.6551	4.5550	6.05550	0.6555	6-3338	4.5563	4-0568	8.8547	4.9960	8.67.88	6:0539	64-180-69	8.9559	
EGN_10pct_She	S. PART	4,2987	8.7058	8-2766	8.2669	6,3356	6.0626	4-5165	8.2540		4.2300	0.2348	9,2259	
ECM 10pct 45min	4.3288	4.1220	6.3588	4,1333	5-1094	4.3337	4-1253	4.3212	2-5050	6-2225	4.1292	8,8009	4.3225	
EGN 10pct 4 5hr	8.9858	4.2203	4-32557	4.8723	0,1050	4-2751	4,2027	Q=20500	9.2323	0.2855	8.0000	则。我就是 是	4-2325	
ECN 10pct Shr	和。2000年8	4.1500	4,2763	4,2455	8.8360	4.3366	4 = 3/35931	40.754.850	4-2525	0 - 2 5 6 1 1	0.2506	2,0551	4.3337	
ECN 10pcs, She	4-2532	8,3300	4,2057	4,1390	9.2186	4-2329	4.1732	9,3257	8-2263	图。2278	是一是在原理	0.5771	4-4823	

| CRITICAL RUMATION : The critical docation for the 200 AEF is the ensemble ECR_10pct_thr.
| The median pattern for this somewhile is atom & (atoms name : ECR_10pct_Abr_81,
| The pattern with the grosbert -Our Mater Elevation> for this ensemble is atom 10 (atoms name : ECR_10pct_Abr_10).

AEF1 22 - Max Mater Elevation (n)

*	***************	STATE OF THE OWNER, WHEN												
Expendir :	name Storm [Sterm 2	Storm 3	SCORE S	Storm 5	STORM G	SCORE 7	Storm E	Steen 5	Storm 19	Average	Std. Dev.	Median	ı
County on the same of the same	CAN SEE SEE SEE SEE SEE			**********		SECTION STREET, SALES		**********		SHEET STREET	EE + 3E D D D D 9 9 0 0		**********	
8 EON_2perk_1		8,6310	3,8953	5-2375	8.0873	3.3395	01,0978	3.9347	2.5780	10 - 90 510	5.9279	0.0005	2,9972	1
ECN_2pcb_	12hr 8,3935	4.0356	8.2277	6.2436	4,5851	8-5858	6.0765	4-5450	87.2546	6.5038	802723	图与范围发展	8.3279	j.
EGN_2pot_1		0.5633	4-2417	4.9499	6.0446	9.9526	4.0418	8-9456	8-5663	0.0211	4-5629	(B) - 6652	4. 经收款的	1
ECN_2pct_		9.1657	2.3328	4.2877	8,4759	8-4124	4.2510	0.2928	4.2588	4-2538	4-2959	0.8559	4.2745	1
ECN 2per 1		4,3850	4-3448	41,24,53	4.2753	0.2528	4,2000	4,7489	0.3198	0.3834	4 - 37 99	8.2120	9-2707	
EON 2pct		9.5222	4,5532	0.0165	0.5209	44.5253	4.9213		9.2399	W-20170	4.9297	(i) _ (i) 12 (i) 7	41-24-50	1
ECN 2pcs 2	5min 4.5608	8.1350	4-11999	4.3021	6.2092	6.3352	4.2092	4.2000	6-1094	0.2100	8-1000	0.8007	4,5500	1
80N 2pcs	24br 6,2078	9.2558	4.3223	9,9500	8:3014	W 5 (2011)	4-1976	d. 19558	8:0170	4-2575	4-2275	10 e 17 7 7 R	8-2516	
ECN_Spct_S	Smin 8.2577	4.1609	4.3583	4:3300	0.2000	4-3588	4-7533	0.3692	5,1588	0.2648	4-1392	69-12233	8,1596	1
B Kill 2pds		3.3833	6-3637	4,3999	4-0463	8.0582	4.3434	4,3992	8-4047	0.4250	4.3990	0.8628	4.3852	1
ESK_2pek_3		9,1989	4-8973	40.0000	4-2863	4-2027	6.3259	4.9570	4-1978	4.7828	4.3566	B-18014	4.3950	1
EGN Spot		0.3370	0.4398	4,3556	8. 20 YE	4-3567	· 电影影响图	G. 24778	4,09988	4.4500	4-9784	0.2559	4,2890	1
ECK 2pct 4		4.2766	8.2985	4-5749	8.2759	6.5749	4.2090	學工學等逐步	4.8910	4-2723	5-2732	80,0021	4,27883	1
ECN_2pct_4	5hr 0.0680	4-3921	8,0589	9,0949	0.3969	9:3349	4 -2758	@x 9097	82 - 3 6 350	49 2 4 500 30	8-0400	0.0506	0.0239	1
ECN_Spct		0.3635	4.3628	0.3063	8-3523	No. 3550	4.5030	4-5010	4-3305	(8 m 23 24 1.6)	9.49000	\$P+188-69	8,3550	,
ECN_2pct	9hr 6.3829	4.8255	6.0555	4-2859	8-5536	0.3566	4.5270	4.2284	4-2820	4-3458	9.5500	SATES 163	0.3358	1
Tel	DESCRIPTION OF THE SAME SHAPE							1 1 1 T 1 A A A A A A A A A A A A A A A						

I CANTICAL DURATION: The critical duration for the CP AEF is the ensemble ECS_2pot_4_Shr.
I The median pattern for this ensemble is storm 2 (storm name : ECH_2pot_4_Nar_2).
I The pattern with the greatest CMax Mater Elevation> for this ensemble is storm IC (storm name : ECM_2pot_4_Shr_10).

ABF: 50 - Max Water Elevation (m)

Consessable	NAME AND ADDRESS OF TAXABLE PARTY.		OF STREET OF STREET	X-14-1-4-1-1-4		244423474747		LIVE DATE OF				and the state of the state of	WEST-FREE FREE FREE FREE FREE FREE FREE FREE	***********	Seasonana contrata de la contrata del contrata de la contrata del contrata de la contrata del la contrata de la contrata del la contrata de l
	Ensemble name	Storm 1	Sterm 2	Storm 3	Sterm 6	Steen S	Stem 6	Stem ?	Storm 8	Sterm 9	Storm 18		Std. Cav.	Neddan	į.
	CN Spot 10min	2,6949	9.8767	3-8745	9,6762	8,6752	3.6054	2,8762	2,6792	9,9799	29,6993	3,8752	0,0008	8,8385	1
	ECN Spot 12hr	6,2040	Q = 889955	8.3757	4,2008	8,3979	0-3354	6-2950	4.2734	8.9065	8-2636	6.2532	0.8889	4,2008	i
1 5	CN Sect ISain	34 MAG 6	9.45720	3-9739	2.5747	20,3739	3,27,52	37.8734	31, 5644	2-3756	5,9753	5.87.98	0,0010	8-9700	1
	ECN Spct 18hr	6,1019	8-1498	6.万克克克	4.6730	8,2697	4,3965	0.0888	9.000	8-1089	8.2773	5.1619	(D) (图图 (D) (D)	6.1263	i
1 0	ION Sport 1 She	Sales	8.2998	4.3949	4.2833	8,2645	8.2205	4 (2750	0.2893	9-2862	Salesti	0.2755	89,483.33	8.277.900	i
1	ECN Spot lbr	0.0389	9-2200	4-2322	4,2369	8 : 2535	8.2533	4.23399	4-2500	4.2292	8.2813	9,2335	00-00000	0.2326	i
1 8	UN Spot 29min	8.8389	8-6398	0.0394	0.0095	8,,0400	9.07556	0.0399	4,6600	8.0502	0.6396	6-9295	0.4200	8,9336	i
1	ECN_Spct_24hr	8.5625	3.8356	4,1893	7,9286	4.2502	4,65,63	0.3760	4.5766	0.83994	6.0000	4.1374	0.2874	4-6650	ı
	NN Spot 25min	8,0545	4.0912	8,0621	4,9638	8.0080	4-8650	9.0897	4-6853	0.053P	8-6952	4.0040	61,0533	0.0000	1
	ECM Spct 2hr	6.0534	4,3230	8.2582	9. 2562	4.2000	6.2530	6.2552	d) n 3806%	4 - 20 54	(9 m 3 2 2 3 7 7	8-2839	0,8300	9-298	ž.
1 5	MM_toot_Nimin	0.2162	45.53.90	9-5733	8.2328	3 - 3 2 9 5	8.3350	图 2.是是否则	4년 생물 학생	4-1399	4.3554	4.2293	69, 5969	2,2250	j
	ECM_Spok_Shr	Sa2283	6:9760	8,2749	44 - 25 3 5 3	0.25399	9-3255	4.5953	(9a 33a 34	8 - 2022	3n 289 301	8-5536	9, 53.3	K-2823	1
	ION Spot dimin	6.1690	9-2903	4.1507	4-9393	3-3532	0.2939	4.1090	40、2000年	2-1907	Sept. 2005	8-1500	96825	9.2999	1
	CM Spet 4 Shr	4.2888	4.1937	8.3128	4.3164	4-2503	2 - 371.22	4.2898	4,2700	4.3299	R. 3888	4.25%	0.5929	4-5003	1
1	BON Spot She	8-3930	4.2385	4-2942	4-2250	3.3233	0.3562	4.0950	41.3834	9-3423	41.2923	8.2556	0.0000	9.3762	ı
1	ECK_Spot_Shr	8.3292	8-1600	6-2978	4.2262	0.2816	4,2212	4:2681	4,2967	4.317.0	6.2560	4:2982	0.0134	4.2560	!

I CHITICAL BOATTON: The critical duration for the DA AEP is the ensemble ESMS Spot No. 1. The critical duration for the DA AEP is the ensemble ESMS Spot No. 1. The science of this ensemble is storm H (storm name : ESM Spot No. 2).

The pattern with the greatest CHAN Hater Elevation for this ensemble Is storm 1. (storm name : ESM Spot No. 2).

9	MEP1 02:5	TO ME MAKE WATER	DE ETGAMETOU	6113											
9	Switzenson and hard beautiful														 and the same
9	Ensemble name	Storm 1	STORM E	Storm S	Storm 3	Stome 9	Storm 6	Stem ?	Storm 8	Storm 5	Storm it	Average	Std. Dev.	Nedlan	- 1
	Colored to the calculation of the		CANCEL CONTRACTOR		in property land		entire transfer and the second	*****	ARREST LABOR TO STATE OF THE PARTY OF THE PA			printer and in the second			a mario
	ECN 63pct 10min	3-6605	3-6997	0.46669	8,6005	9.5888	3,6696	3-4697	2.6536	8 - 8604	9,9438	3.8605	0.0003	2 - 6665	
	KSN 63pcs 12bc	2,4889	8.8323	3,9938	3. 2400	3-2573	2.7163	3.7823	25-2722	0.8452	3,9466	2 4 2 2 2 2 2 2	0.6785	2-3460	- 1
9	NON e3per 15min	34 7248	3.7227	9,7249	2.7220	0.7798	2.8446	8,7295	3.7235	3-7892	3,7257	3-7230	69a 9693 96	2-7210	- 1
	ECN Sipcs 18hr	9,8834	3.7786	# 45278	2.7635	27-773-949	22,700,00	D-WASH	2:4533	2.7276	32,455,435	3.7623	@(m 333657)	2. 1022	- 1
	ECN 63pct I 5hr	2,9286	3.8333	9.3033	3, 2340	9.0344	7.8309	20.48383	3-9316	2-5903	3,5452	2.9712	9.0094	3.2525	- 1
3)	NGN_63pct_1hc	9,0023	3.9996	3.9913	2.9986	3-908%	3,9244	2,9032	5.9005	2-2903	3-9628	3.7929	0.0018	3.9633	- 1
9	 ECM 63pet 20min 	37,7676	3.7637	3.7675	3.7993	3.4544	3.3873	3.7823	2-7676	1,7630	25.216.22	7,7500	0.5025	3.7675	
[]	EGH 63pcc 24br	5, 6895	3.4899	3,7576	3,9990	3.4724	2000年19月1日	2.4125	0.2553	8.7545	2,3345	3.7294	Day Brand	3 . VB 6.0	- 1
	ECN_63pot_25min	0-0000	3.9223	0,7397	3, 33 83	2-7978	3,7539	8.7552	2:2000	至一人会会会多	B. 73-50	3.7500	0.9919	3.7393	
	EUN_63pdt_2he	0.5019	3:0245	3,9283	3. 3000	8,9618	3:0000	25-25-54	3-5950	2,9309	2,9251	3.5000	0,2139	8.9482	- 8
8	# SCN SOpck Senior	3.8351	0.8262	3-6263	9-11229	3-9255	3.475	8,8324	3.5312	8-3203	3.0322	2.852 @	01.0023	2:6297	- 1
3	# SON_63pcs_3he	9,9950	8.0058	849686	8,5000	3-9597	3:9426	3.4229	3,5334	3.9763	2.9683	5.9459	0.0228	3.9375	
8	ECS 63pet 85mdm	5-8789	9.4854	3,8895	3. 8772	2-8720	21.87.24	3,8732	7	3,8729	2,6728	529330	10-8224	8-8453	31
	EGN Suppl 4 5hr	7,56NS	3.8953	S-168.49	No. 002855	3.0243	37 - 385 55-8	09-9-8-9-3	31.0000	3.2427	37-97530	7-9852	m, sqc; 7	2.9783	- 6
	ECN 63pct Shr	36 8887	0.000	8.8763	3. 383.5	3"8283	2.9620	2000年8月	2,9378	2:8757	2.2340	3-2-52	0-3814	2.9760	
	EUN 63pot 5he	3,9698	9:5362	3,9351	A. 94000	8,8956	3,9490	2,2525	36.60.88	3-8712	2,6555	3.5336	0.0454	8.8368	
	THE RESERVE AND ADDRESS OF THE PARTY OF THE	CHARLES AND ADDRESS.	NAME OF TAXABLE PARTY.	CALL STREET, SQUARE, S		Contract of the second	CHARLES AND A SECOND	THE RESERVE TO SERVE	STREET, STREET, ST. ST. ST. ST.		*********	Commence of the second	THE RESERVE AND ADDRESS OF	**********	 minus Y

| GRITICAL DUMATION : The critical duration for the 69.25 AEP is the ensemble DEM_Glapt_Zhr.
| The median pattern for this ensemble is storm of storm name : ECM Glapt Zhr.4;
| The pattern with the greatest **Commission** For this encemble is storm % (storm name : ECM Glapt Zhr.5).

Page 474 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze IOSO

Summary Informations

Total No. of Ennembles: 532 No. of Storms per ensemble: 10 No. of ADP Ganda: 7 Object Name: 01uf Report type: Max

1	Ensemble name	Storm 5	Steen 2	Storm S	Storm 8	Storm S	Storm 6	Sterm ?	Stom 6	Stoom 9	Storm 10	Average	Std. Dev.	Hedian	ļ.
- 1	EGW_0.887_15860	5,1786	3.7750	3,1792	3,7799	3,1791	2.7755	3-7793	3,7752	8,7777	3.3791	3,7738	61-5325	3,77300	ı
- 1	ERN 8-9EY 12KF	S-3321	8.1629	8,2513	4,0000	8,9993	3,1570	2.2732	9,2232	0.0519	On 8 7 23	0.0000	9,3042	A. 6546	1
- 1	ECH O.ZEX ADELS	2,9624	3.8682	8.8615	8,0025	8,8630	2.6552	37.8633	245000	7.8628	269689	2 = 2 5 2 3	0.2005	8.9519	
- 1	ECN_0.007_1950	8.0998	2.2720	4.8179	2.0017	8,8949	3.5994	3.5010	25. 2504.5	8,9255	2.886.9	2-36-1	0.2225	2:2023	
	ECH O.SEY 3 500	4.2279	0.2230	0.0901	8. 250%	0.5222	9-1228	4-3225	0.0000	2-1968	4.0462	4-1200	0.0147	4-1389	Į.
	SEN O-RES TER	8-6944	8-0858	6,8870	0.0317	0.0904	3.0961	H 16966	9-9312	9.0900	4-2555	4.0885	6/2022	3,5753	
	BEN G.TEY STARD	3.,6398 3.,6398	9.5950	3,3250	0.3359	9,8235	3.9350	9-3266	31.32.03	2.8237	34,9295	3,9199	9,7658	2-5273	
- 1	BON G.SEY PERSO	0.5514	3,8533	7,595,6	2.9694	2,5550	0.9813	2 . 35 5 1 2 . 35 5 5 1	3,5659	0.8015	2,9500	3.8619	0.8063	2,7676	
- 1	ECN 0.327 Sky	8,3567	4-1929	8,3136	4.2556	879845	6.3253	6.3453	8,4638	2,1593	6-1006	4,1385	0.0265	8.1694	i
i	BON 0.758 DROPS	34,9951	5.5539	2.5525	8.9295	3,5943	3,8943	2,9905	3,9546	2.2939	3,9215	3.0950	9,8624	2,9950	i
- i	EEN O.DEY DOOR	0.8540	9,1088	4-2584	4.2161	4,3790	4,2500	6,1695	41.2278	4-3892	41.2725	6.1435	51-82-52	A-5500	i
- 1	MCN 0.385 45848	64,6575	4.0540	0.0537	4,6558	4-8537	0.0327	4,8848	42,485.64	4-6591	0.0061	4.0345	Sh. 1292 W	0.0546	i
- 1	CON 0.20% & She	4-2177	4.1033	6.0709	4,00000	4-1000	0.3033	4.1485	4.2466	2-1549	4-2520	4-2588	0.8492	8-150V	i
H	BON O-NEY SEE	8.1020	9+0933	表。基金系统	8-2040	4.8838	6.0653	4-47-67	8.9896	0.0563	91-3455	5.0335	的。但又连续	8.5657	į
- 1	ECN 0.225 She	4.1938	6-0339	4-1369	9.3564	4.23.89	0.3363	8.2078	No had at a	0.0750	49 - 900 (25)	4,1860	R9058.275	0.1869	

CRITICAL BURNATION: The critical duration for the 0.257 AEP is the ensemble BCN 0.257 Ehr.

The median pattern for this ensemble is storm 4 (storm name : BCN 0.257 Ehr. 3).

The pattern with the greatest -GGN Hater Elevation for this ensemble is storm 5 (storm name : BCN 0.257 Ehr. 5).

AEP: 0.527 - Max Water Elevation (m)

1	Ensemble name	Storm 1	Storm 2	Storm S	Storm 2	Steam 5	Storm 6	Storm 7	Storm S	Storm 7	Storm 10	Average	Std. Dev.	Hedian		i
Olaman.	CONTRACTOR STATE			000000000000000000000000000000000000000	******											
1	DOM 0.9EY STATE	0.9372	SUFFER	3,7575	9.3237	3-8373	3,3298	8,7278	3.7275	5.7559	2.7270	8,7979	0.9898	2,7278	i	i
i	BON G. 15Y LEAV	3-1291	9.5023	4.3118	2-9629	9.0395	2.6127	2:2757	0.9873	2,0337	0.5425	5,0003	5.9884	8-5002	i	i.
Ü	ECN 0.58% 259Ac	3-7909	3.2998	3.70009	3.7564	STATE OF THE PARTY.	3.7850	2,7967	25,7500	2:7548	34,7061.0	3.7559	0.0000	3.7800	i	į.
1	BOM G.SET ISSU	3-6385	0.4553	表。2047月	3.9684	3,7825	3.9000	2,8835	3.7258	5-8199	3,7235	5.3475	69.5536	3-6276	i	į.
	ECN 0.589 3 55e	4.9183	0.0256	5-9966	2.9295	4,0336	8.0282	8-0252	8-3278	4.0372	S-2422	4.0259	10,0120	0.0268	1	ı.
ž.	BON O.SET TOY	9.9948	5-8650	2010/08/2015	2, 9939	8.9998	3.9994	9.5943	2,9865	9-9910	32,, 93563	3.7912	0.0028	8.9948		į.
N.	ADCHO D. SERV DOGSEN	31_63454	5,8895	3.3577	3 - 80 - 28	200008	3,3460	37.642.0	37,9489	2.8354	3.6401	5.8680	0.42010	3.8807	1	ı.
8	ECN 0.027 1450	9.3251	5,7759	10,0000	9,9926	3,7979	3.7965	2,7878	2,6445	25.78.000.0	2.6553	3,8629	0.9528	7-79-6	i i	į.
	BON 0.50T NEEDS	8,6772	8.633.39	3,8751	5-2760	9.6959	3 - 9723	2-2793	2-0723	2-5727	3.8713	2-9849	网。但 更多格	2.2759	1	į.
	ECN O. SEY SEX	9,0431	9.0152	9,0528	4.6429	4,000)	9-59.95	4.4487	47,5454	0.0520	6)_65-64	2,6383	(0 a GA TO	9-8418	1	į.
8	BON 0.5ET 10ESA	5.9925	3.9639	3,9088	8,9845	9,9066	3,9961	2,4091	2,9924	5.9684	8,2027	3.0866	的。由于	9.0949	1	į.
И	DEN OUTSET SER	8-8229	9:8979	8,0868	8-970	4.0000	4.9398	8.0096	0.4029.0	0-0745	8.0623	4:9390	0.1255	2.0321	ı	į.
1	MODE OLSEN CONTROL	3.5453	35-0E008	3.49500	3.9028	8/16679	3,5598	30,0611	21,9336	3,8623	25. 95336	3.9805	10, 90002	2.9907	1	ı
10	MOCH OLSEN & DOOR	& a Q (2 (3 (3))	2.0931	3,9600	3:3363	0.0006	0.0049	6.0350	9-2456	8.0405	6-642	4,9200	10.0272	4:0860	1	ı.
	ECN 0.3ES EST	8-9153	0.0100	0,9758	3, 9959	3,2652	2,3027	3-1692	9-2114	3.00006	0.0074	3-3511	0.0334	3.3696	1	į.
	ECN G. SEY SEV	0.9616	8.5192	4-5482	4.0096	8.3913	8.9845	20.0810	3-5925	8,9664	3,9382	3.9339	8,6545	8,5992	1	į

| CRITICAL DURATION : The critical duration for the 0.557 AEO is the ensemble EDN 0.527 207,
| The median pattern for this ensemble is storm 7 (storm name : ECN 0.557 227 7).
| The pattern with the greatest class dates Elevations for this ensemble is storm 3 (storm name : ECN 0.582 207 5).

AEP: 10 - Max Water Elevation (m)

2.00											DESCRIPTION OF THE PROPERTY OF					-
-	Ensemble name	Storm 1	Storm 2	Storm S	Storm 5	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm SC	Average	Std. Dev.	Nedian		1
Forms	***************	MARKET TO A TREE	STATE PROPERTY.	CONTRACTOR	WINESTERN PROPERTY	270000000000000	NAME AND ADDRESS OF		WESTERFEITERS.	STATES THE PARTY	NAMES AND DESCRIPTION OF THE PARTY OF THE PA		CARACTARASANA	APPRELIANCE OF STREET, STATE OF STATE OF STATE OF STREET, STATE OF STREET, STATE OF ST		1000 (C)
1	DON lock limin	39-3923	51,8802	36,5832	3.6029	25.000200	2.5826	354623	34,9830	58837	3,9615	5.9820	DC 450 F40 F0	2.3855		- 1
i	KICH Ipos 12hr	41,4500	4.0251	4.3859	0.3600	0.2764	9.2654	4.5569	61,7066	8-8699	0.5895	8-8662	0.1442	2.8365		- 1
	SEN Ipct 15min	0.0886	0.0809	0.0007	0.9995	W-090K	4-0100	0.0880	9,3736	6-0837	67.000315	9-0820	04.6911	4.683%		1
ii .	ECN 1pc% 18hr	6.2997	0.3450	8-9168	8-2768	8,3463	8.5636	8.3054	4.3858	8-8733	0.75862	0.5895	29, 03933	4,36009		
1	EUN Ipot 1 5hr	8.4384	4.0028	0.4452	8 : 8950	8.4638	4.40000	8.4099	41-4233	9.8575	0.4089	4-2933	0.0100	9-4540		- 1
	EGN 1pct lbr	8,2848	4,3680	4,2895	4.3829	4.3853	6.3894	8.5755	4.2250	9-9859	6.3624	4-5880	9,0029	4-2642		- 1
1	ECN lpot 20sin	8.3576	8.2480	4.2539	4,2399	W.AMER	44.95.93	4.2602	9,9609	8-1599	0.2514	4.5000	0.0006	Q = 0.60Q0		- 1
	SCN_tpot_24br	0.8377	4.5398	45.45.38	8.3579	8.3888	9.5000	4,2810	6,4990	4.0355	B-20, 25	9 - 5573 6	印 ····································	4-3393		- 1
	ECM Igot 25min	9,3129	4.2242	4.2122	4.2635	4:2530	8-2975	4.8515	4.2141	9-2039	81-0127	4.2339	0-6989	4-2130		- 1
1	ECM Spot She	8-4698	4,4565	8.4533	8-4589	8-4513	4-8553	6.4552	9-98-0	8-8768	等 n 包含色的	4.6600	6.6131	4.4562		
N.	EUN 1pct 30min	在中国的政治	9-2532	4-2519	8-25-5	6.2540	Walk Bridge	6.2207	6.2333	2-2516	(A.S.228)	8-2502	9-3216	4,2500		- 8
8	ECN IDCS The	0.4929	8-8965	4-5935	4-5020	6.4243	4-4333	4-8400	创业还是是次	6-0583	9-3493	0.4595	0.0336	到一定10.15g		31
	ECN_lpot_dSmin	8-25-29	8-3369	4.2346	Se 3347	6.3868	0.3346	4 - 32.24	0.3338	4-3539	8-2143	4-3319	0.5929	4.3399		
	ECN_iput_4_5he	8,5910	4.8532	8-4872	8-3183	4.4003	6.4257	3-4535	8,1775	8-9308	8.5662	4.4596	6.6438	성 경향하다		
	ECN Ipct 6hr	6.6520	4.4333	0.0013	8.3970	6.43.63	0,0029	8,8009	0,2551	6-9098	6.4750	6-9768	0.0516	9 - 5007 0		- 1
	ECN Ipck Shr	46.6658	2,9850	4-3264	4. 3889	9-5289	4.4683	4.4070	44.0628	0.5620	8.4314	5-9330	0.3126	4-4950		
Of the late of	THE RESIDENCE OF THE PARTY OF T	PERSONAL PROPERTY OF	COLUMN TOWNS THE PARTY OF THE P	NUMBER OF STREET	NAME OF TAXABLE PARTY.	CONTRACTOR OF STREET	PARAMETERS OF THE PARAMETERS O	PRINCIPAL TO A STATE OF THE PARTY OF THE PAR	THE REAL PROPERTY.	CONTRACTOR STATE	Charles of the Association of the Control of the Co	STATE OF THE PARTY	ALTERNATION AND ADDRESS.	OF STREET, STR	COLUMN TO SERVICE AND ADDRESS OF THE PARTY O	incise 4

CHIPICAL DESATION: The crimical duration for the 18 ASP is the example ECN ipot 4 Shr.

The median patient for this ensemble is storm 5 (storm name : ECN ipot 4 Shr. 21.

The patient with the greatest 4664 Motor Elevation 5 for this ensemble Is storm 50 (storm name : ECN ipot 4 Shr 189.

AEP: 10% - Max Water Elevation (n)

Property													**********	
Ennemble same	Storm S	S. REGER	Storm 3	Stopm &	STORM S	Storm 6	Storm 7	Storm S	Storm 9	Store to	Average	Std. Dev.	Median	j j
 Выпасняемного выпасняем из применения выпасняем и применения выпасняем выпаснаем выпасняем выпасняем выпаснаем выпаснаем	coloradoradoradorado	NO AGEST STREET, STREE	man programme and a leasure?	enstancembons	CONTRACTOR DESCRIPTION	accessors and a common	ka arryt since krancus	enforcemental entrales	were and a few particular and	exercise absorback	CONTRACTOR STATE	ORDERSON AND ADDRESS.	and the second second second second	Partie amora e e e e e e e e e e e e e e e e e e e
# CCW lOpes lowin	3,8239	3.8281	3.6266	3.9203	2,0263	5.5262	9,8970	3-6263	3.9252	0.3058	3.9257	0.0005	8-8257	1
# ECN 10pcs 12hr	8.3389	4-3358	4.6997	8.2009	8-2036	8-3892	4.3087	0.3766	0.5819	0.2723	6.5660	0.0766	8-1366	i
ESSE 10pct 15min	2,9363	0.8150	3.9659	3,9279	3,9174	2,3163	3,6176	3,9076	3.0303	@ - 90 BY	3.7220	D-8010	7-7576	1
ECM 10pct 18hr	4.0252	9.70535	8.2375	2,0900	4,1439	0.00007	4.0100	0.0010	0.0256	602723	4.0755	他の自己の	8-0886	1
BCN_TOpot_Y_Shr	5-7151	9.1872	8-2382	4-1976	4-1988	8-2000	4-2258	0.3967	1-2402	Smile SV	4 (302.0	0.0106	0.0000	j.
ECN_10pct_lhr	0,9440	9,0583	4-3997	4,3461	4,3693	0.5623	4-3522	4.2536	8-1659	0.2533	9-1006	9.0055	8.1697	1
ECM 10pct 20min	3,9796	3.3784	2.5989	2-3751	5,9996	3.0756	3,9783	Su 97.35	2-3790	3.3793	2-9769	8,5555	3 - 539 9	,
ECN 10pct 24hr	9.3888	3.7819	8.0995	3.8660	3.0213	3.25.85	4.2000	34,0873	2-7-288		4-6360	0.1709	3-9957	ı
ECN 10pct 25min	A_03.20	9-5339	40.452.08	4.5296	8-0208	41-5242	4.0235	4000000	8-0209	(A = 92 312	4,0225	6,6928	4-0229	i i
EUN 10pcs 2hir	0.2300	4.9391	0.1983	8.2928	6-12-77	用。这是他们	4-8756	0.2226	0.2279	0.02765	4-2822	0.0184	0.2296	1
# ECN_10pct_30min	6-5548	9.8557	6.6548	0.0552	6-3553	2-5246	6-0969	6.6233	4.6563	S. 62.53	6:0056	Q+180335	8.9558	1
EGN_10pct_She	8.2930	9,2950	4-1000	8-2794	8-3878	6,8867	4.0628	4-3494	8,2536	9.27.42	9.2550	10 to 20 to 2	9-2250	1
# ECM_10pct_45min	6-3256	4.1225	6.3523	4.3282	6-1038	0.3225	4-0215	40.3233	2.1527	6,2224	4-1200	0.0009	4.3235	,
EGN 10pct 4 5hr	8.1855	4.2238	4.00084	4,8239	4,1660	4-2732	4×2023	4-2923	9.2323	0-2558	8,8202	60、64.56	4-2330	,
EGN 10pck She	8-2592	4.1598	0.2765	9.1400	8.00007	4.3763	4 a 2 5 3 3 3	40.25336	8-2567	例。是这种"	0.2502	2.0853	0.3520	1
ECN 10pcs, She	4-2930	8,1305	4,2099	4,1302	6.2886	4-2329	4.1739	49,33053	8.2269	明,是温度多	4.2553	图4. 经济发生	4-4-57)

I CRITICAL RUMATION: The critical docation for the 200 AEF is the ensemble ECR_10pct_thr.

I the median pattern for this ensemble is atom & (atoms name: ECR_10pct_Abr_81.

I the pattern with the grosbert -Oux Mater Elevation> for this ensemble is atom 10 (atoms name: ECR_10pct_Abr_10).

ARF: 50 - Max Nates Elevation (n)

\$1.000.000.000.000.000.000.000.000.000.0	2
threshis name Storm 1 Storm 2 Storm 3 Storm 5 Storm 5 Storm 5 Storm 5 Storm 5 Storm 5 Storm 10 Average Std. Cov. MedSan	1
	Consulation
# BAN 2006 10mlm 0.5572 0.8200 0.6061 5.9372 0.0271 0.0271 0.0358 0.9388 0.9388 0.9380 0.9383 0.8305 0.8305 0.8305	1
■ NOW Zpol like N. 3210 4.0100 8.0273 6.2557 4.0000 8.5857 4.0000 9.5950 9.2910 8.0000 9.2750 0.1011 8.0250	3
# BIN Zpot_Etmin 0.5034 0.5030 0.5032 0.5030 0.5033 0.5033 0.6033 0.6033 0.6033 0.6033 0.6033 0.6033	1
# MCM 2pcG 18hm 8,2224 4,1463 8,2324 4,2324 4,2324 6,4729 8,4729 4,2218 4,2229 4,2230 4,2239 0,8860 4,2740	1
httl: Zpor I She 4,0457 4,2501 4,0446 4,0458 4,0700 0,0502 4,2688 4,0620 0,2701 0,000 0,0701 0,0000 0,0700	
1 1000 2000 Chr 4.5559 4.5529 4.5529 4.5550 4.5550 4.5559 4.5559 4.5559 4.5550 4.5550 4.5550 4.5550	1
# #EM 25cm 25cm 4.5000 6.5000 6.5000 6.5000 6.5000 6.5000 6.5000 6.5000 6.5000 6.5000 6.5000 6.5000	1
■ MoN 2pc 24br 4.2073 4.2052 4.2220 4.4520 4.3520 4.3520 4.3520 4.3520 4.3530 4.5530 4.5530 4.5520 4.2270 6.2570	9
1 EUN Zort Zindo 0.9574 5.1500 4.2505 6.7507 0.1557 0.3500 6.1573 0.3600 5.1518 0.2500 6.1792 0.6575 6.1552	1
1 100 2pt 2nr 4,3979 4,3939 4,3650 4,3650 4,3650 4,3650 4,3650 4,3650 4,262 4,4640 6,420 4,2060 6,827 4,260	
1 1000 200 30min 4.3000 4.3000 4.3000 4.3000 4.3000 4.3000 4.3000 4.3000 4.3000 4.3000 4.3000 4.3000 4.3000	3
BRN 2pdc One 6.4217 0.3372 4.4395 4.3554 6.2471 0.3565 4.2558 4.2588 4.2528 4.4378 4.3780 0.0760 4.2520	1
1 1000 1500 4.2700 4.2700 4.2700 4.2700 4.2700 4.2700 4.2700 4.2700 4.2700 4.2700 4.2700 4.2700 4.2700 4.2700	1
1 000 200 4 50: 0.5688 0.5680 0.5680 0.5680 0.5685? 0.5688 0.5788 0.5085 0.5682 0.5682 0.5682 0.5680 0.5685	1
NCM 2pct the 4.5072 5.5450 4.5050 6.5055 6.5055 4.5050 4.5057 4.5057 6.5057 0.5055 0.5050 0.5050	1
B NEW Per She 8, 1926 8, 2008 6, 2009 6, 2019 6, 2019 6, 2019 6, 2010 6, 2010 6, 2010 6, 2010 6, 2010 6, 2010	1

I CRITICAL DURATION: The critical duration for the CP AEF is the ensemble ECS_2pot_4_Shr.

I The median pattern for this ensemble is storm 2 [storm name : ECH_2pot_4_Shr_2].

I The pattern with the greatest clark Rater Elevation's for this ensemble is storm IC (storm name : ECM_2pot_4_Shr_10).

Ensemble name	Storm 1	Stem S	Storm 3	Sterm 6	Storm 5	Steen 6	Stem ?	Storm S	Stem 9	Storm 28	Average	Std. Day.	Nedian	
BON Spot 19min ECN Spot 17min ECN Spot 17min ECN Spot 18hr	2:6765 6:2641 2:0728 6:1046 8:2517	1 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	0,8743 8,3743 8,3743 9,5570 4,5576	9,9780 6,2795 2,9745 4,7720 6,2514	2.6729 4.3577 2.6775 4.2575 4.2574	5,6789 6,1252 5,2725 4,2806 8,2804	2,8700 6,2992 3,6731 6,686 4,2751	2:8345 2:2723 3:2723 4:5735 6:7833	2:7967 2:7969 5:3752 6:1068 4:2862	2,6769 9,6662 9,6662 8,9729 9,2729 9,5962	2.8747 6.1970 3.8752 4.2647 4.2770	0,550% 0,550 0,550 0,571 0,675 0,635	8:8780 4:2899 8:9380 8:1260 4:5750	1 1 1
ECN Spot 1 She ECN Spot 20min ECN Spot 20min	0.2355 8.6383 8.5600	9,2106 8,6377 3,8785	0.2323 0.8391 0.1899	9,2271	6.22287 6.5597 6.2257	4.2028 0.4392 4.9398	4.2500 6.2500 6.3500	4.2702 0.9353 4.5342	4.0330 2.0330 8.0320	0.6376 0.6376	4.2000 4.8000 4.1000	0-0141 0-000 0-1000	6.2534 6.9558 8.6656	
ESM Spect 25min ESM Spect 2hr ESM Spect 30min ESM Spect Shr	4.0543 6.0114 8.2126 4.2281	4.3837 4.3837 6.1887 6.3786	4.2595 4.2595 4.5176 4.2752	4.0003 6.2572 6.2593 0.2390	4.5929 4.5529 4.5762	4-5557 6-3355 4-5253	0.0045 0.3051 0.3150 4.3452	4 - 1845 4 - 1845 4 - 1313 4 - 1313	4.2527 4.2527 4.2128 8.3578	0.0000 0.0000 0.0000 0.0000	4-2949 4-2949 4-299 8-7249	0-3200 0-3200 0-3200	0.5526 0.3526 2.1299 8.2522	I I I
ECN Spet 45min ECN Spet 4 She ECN Spet 6he ECN Spot 6he	6,0078 4,2603 4,3629 8,3287	0.2962 9.1935 9.2364 9.3496	4.1907 4.5131 4.5960 4.2960	4.4422 4.3103 4.4267 4.7365	4.2502 4.2502 4.3030 6.2915	0. 8925 0. 3533 0. 1930 0. 1932	4.1959 4.2992 4.0950 4.2661	4, 2966 4, 2565 4, 2663 4, 296	0.1909 0.3995 0.3436 0.3419	82924 82924 42924 82244	6,2992 4,2994 4,2994 6,3989	0. 2015 0. 2527 0. 2626 0. 1418	0.1905 2.2590 2.252 4.2555	ă ă B
			AUG BOTTO COMMAN			REPORT OF THE PROPERTY.								

| CHITICAL BOOKTION: The critical duration for the SC AEP is the ensemble DDN Spot Dhr.
| The median pattern for this ensemble is storm & (storm name : BCN Spot Dhr. 8).
| The pattern with the greatest CHAR Water Elevation

AEP: 63.2% - Max Water Elevation (m)

Sweet		OZNOVENSKI OVER	********		*********				CHARLES AND ADDRESS OF THE PARTY.							ž.
8	Ensemble name	Storm 1	Storm 2	Storm S	Stems 2	Stom 5	Storm 6	Stem ?	Store 8	Storm 5	Storm 10	Average	Std. Dev.	Nedlan		ı
Section															have been a substituted as a second	Ď.
1	ECN 63pct 10min	3,6608	5-8999	5.6668	8.45000	2-5691	3.6993	3-15000	2.46000	8-0009	3,6482	3,8608	0.9003	2 - 6662		£
1	KON 63pcs 12bc	2,49023	2,5222	2,2993	9:84776	3-2007	3,3760	20.2818	25、全文文章	是只是有特别	3,5854	25,000,000	E-6765	8-3450		1
1	ECN Close 15min	St. 72.43	8.3039	Sa 32.28	2.7250	2.7282	3.3445	3.7343	3. 37 47	3/4 下外投份	35,72,46	3-7220	094 910 510	2-7250		i .
0	ECM Elect 18hr	9,8634	3.7773	# 10277	2-7820	27,773,940	2,7390	20.1025	25,955978	2.7272	3,6562	3.7625	64-110EE	2,3477		i .
p .	ECN 63pcs I 5hr	2,5286	3,5333	12.00000	3.2340	5,6383	7.3750	9-9382	31. 235.3	2-5684	3,9450	2-9210	\$1,0059	3-9345		į.
i .	ECN 63pct the	9,9000	3,2598	3.9013	2,5045	3,9293	3,9993	2,9630	5.9000	2.0000	9-9923	3.5603	0.0326	2,9629		į.
1	ECM 63pert 20min	37,7672	0.7676	3.7672	2,7629	0.7574	3.8672	3,7833	3,7673	0.7650	2.7670	7,7555	0.5021	3 - 1000		1
	ECH 63por 24br	S. 6293	3:4963	3,7592	3.9578	37.7350	2000年1月1日	2.7123	2,7559	8-7537	3,3735	3.4091	を 日本の 日本	2. V363		į.
1	ECM 63pot 25min	D-70298	3.9049	3,7333	3.3368	3,7999	3,7334	8.7598	3.7335	5.7552	B. 75%2	3.7961	0.0018	3.7161		1
1	ECN 63pcc 2hr	0.9221	3:0245	3,9242	3.0000	8,9619	3:0503	2,9970	8-9486	3:0538	27,9852	3-5483	0.2129	8.9600		ŧ
Н	SCN 63pc% Senio	8.8399	3 - 8298	3.6240	3-1237	3.9293	3.4252	9,8333	3.5222	8:0204	20.000	2.8237	0.0027	2:6295		1
R .	SON 63gct She	3,9947	8.0002	349653	8,5299	5,6535	3,8427	3.5231	3,9325	3.5753	2.9663	5-9407	0.0228	3 - 3376		1
B	ECS 63pet 45min	5-8988	8.4602	35.在在20日	3. 8797	2-5729	31-11722	379253	A- 5700	8.0727	3-65713	278836	10-8213	9-972B		į.
I	EGN Shpot & Shr	7,5669	3:8961	2,8662	3,4964	2.0247	2.3654	0.8400	3.5887	3.2425	37.95338	0.0250	0.59336	2.9297		8
1	EGN_63pGt_6hr	0.0000	8.0363	3,8792	3.7835	20.6768	2.9525	2 6662	2,9376	2:8786	2,9397	3.9655	0-3814	2-9769		ķ.
1	ECN_63pch_5he	3-3501	9.5260	3,5378	3,9900	3,8855	3,9407	2-3920	3,9359	3-8710	2,6500	8,2976	0.0464	8.8969		ŧ.

| CRITICAL BURATION : The critical duration for the 69.25 AEP is the ensemble DEN_63pct_Zhr.
| The median pattern for this ensemble is storm 3 (storm name : ECN_63pct_Zhr_4).
| The pattern with the questest CMAX Mater Elevation's far this ensemble is storm 3 (storm name : ECN_63pct_Zhr_5).

Page 475 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze 1000

Summary informations

Total No. of Ennembles: 532 No. of Storms per ensemble: 10 No. of ADP Ganda: 7 Object Name: Sev5 Result type: Max 0

I Ensemble name	Storm S	Steen 2	Stoom S	Storm 6	Storm S	Storm 6	Sterm ?	Storm 8	Storm 9	Storm 10	Average	Std. Bev.	Hedian	!
EGM 0.SET 15kGe	5,7757	3,7759	3,3729	8,7753	3,7758	5,7762	3,7788	3,2759	8,7744	3.7758	3,7250	0.0003	3,7759	1
ECN 0.257 1250 ECN 0.257 1250	0.4579	9,2340	8,0384	8,0500	9,9650 9,6579	3.6577	9-9-528 3-8559	8.3993 2.6573	4-8555. 8-8586	2,2499	0,0509	0.8595 0.0850	8,8575	1
ECN 0.210 1952	8.6556	3.9622	6.2662	2:0709	8,8903	2.0026	3,2510	3.8128	8.9175	8,6825	3.0007	0 - 2501	3,9760	j
ECH O.SEC 3 She	646983 646851	0.0993	0.0633 0.8653	0.0350	9.5501	3.5398 3.0351	6.4891 4.6699	4.2053	9-0793	4.253	4.0017	0.0030	a. 6616 a. 6767	
ECM O.727 SEMBO	3,59.14	3.9432	3,3112	3-3725	3,6727	3.9226	9.9129	9.9624	5-8840	3,9258	3.6323	0.0000	3,9324	į
BON G.GET NAME BON G.GET TENDS	3,4290	3,8803	3.989N 3.8857	2,7154	3,3657	3,9327	2,8929	3,9627	2,0500	3.7989	3.0933	0.9997	2,9850	i
ECN 0.327 Nor 000 0.227 Nors	0.0080 3.7098	2.9857 3.9605	4.9859 9.9950	8,7196	4-1289 3-9821	8.3599	4.8198 2.9767	8-2255 3-5511	2,1213	8.9967	4,1327	0.015#	8-11F0 2-3565	!
SEN 0.257 She	4.3692	9,0865	A-5592	9.0522	3.3438	表示支重合计	4,0976	相。图度显示	4-1500	创业汇票	6,1193	514.02163	A-2245	i
ECN 0.007 4564s ECN 0.007 4 58c	6.6329 6.8629	9,0000	4,0367	4.0556	4.0369	8.5558 8.6672	4,0378	4.0000	5-0374 6-1274	4.9599	4,4378	9.2029 0.0357	4.0575 4.3104	!
ECN 0.2EY She	8.2979	9.0023	0.0000	Section of	4.0388	0.6357	0.0557	9.1517	9.0469	创一名工艺技	5.0725	10, 3327	8.45657	i
ECN_0.225_564	4.2640	9.5140	4-1489	0.2750	4.0913	0.3150	0.0055	N-62.53	6.0589	40.63351	4,6950	0.0599	6.0853	

CRITICAL BURNTON: The critical duration for the 0.227 AEP is the ensemble RCN 0.229 Ehr.

The median pattern for this ensemble is storm 4 (storm name : RCN 0.229 Rbz. 3).

The pattern with the greatest communication for this ensemble 12 storm 5 (storm name : RCN 0.227 Rbz. 3).

AER: S.SEY - Max Water Elevation (n)

																ARROST
- 8	Ensemble name	Sterm 1	Storm 2	Stome S	Storm 5	Storm S	Storm 6	Storm 7	Storm B	Storm P	Storm 10	Average	Std. Sev.	Hedian		- 1
G)	CONTRACTOR CONTRACTOR	encicles in a given	CHARLEST STATE	OGENERAL SERVICE AND ADDRESS OF THE PARTY OF	CONTRACTOR CONTRACTOR		NA STREET, STREET, ST.	CHEVEL STREET,	ORDER DE LA CONTRACTION DEL CONTRACTION DE LA CO					Considerate and a second	THE RESERVE AND PARTY OF THE PA	0.00
H	ECM 0.9ET 19sto	8,3345	3,7224	3,9209	9.3858	308251	3,3392	9,7153	2.7336	5-7066	22.799.46	3,7150	0.9898	8,7950		- 1
- 8	BON G. HAY LEAD	8-5423	9-2270	4.0885	2-0333	8.0890	2.0659	2,8656	422573	2,5020	4-6276	5,8560	56.5825	8-5366		
N,	SCN 0.557 ASHLE	9-7672	G . TR 6.4	3,7873	8.7658	3,2970	3:3833	2,7872	3.7893	8:7976	34,779,765	3.7671	0.0066	3.7572		- 1
н	BEN BASKY INDO	3.4919	0.6962	8-3211	H. P. 99	9,7969	3,9859	9,8352	3.7319	5,8986	3,7226	2.38400	0.2972	2-95230		- 1
- 1	ECH 0.507 3 5he	4,9545	9.9039	5-9940	2.0636	8.0530	8.0954	8-0998	8,5000	4-10-27	0.0000	4-9100	10,0310	4.0110		1
N.	BON O.SET Thy	2.9649	5-8770	St. 1878 St. 8	8.9830	\$ -98736	0.9959	20,000,000	3. 9833	3-3759	3,6836	3.7520	(0, 3932-4	25-8622		- 1
п	ADCHE D. SEVY POSEEN	9-6358	5-8310	3.8309	3.8350	2.9351	3,0283	9.8368	3,9363	2.4318	3,6363	5,9350	0,42123	3.8359		- 8
- 8	EGN G.DRY VARD	9-3228	5.7775	16,8379	9,9600	3.7556	3 - 7 74 5	2,7845	2,6892	3. 2000	D. C. S. C. S.	3.7900	0.9759	7-1940		- 1
- 8	SCH D. SCY NOSS	8,6732	图·图子并至	3,8500	5-8362	9.8658	3,5500	0.8670	D- 68 5 5	0.8670	3,6465	3,3590	0.6015	2.2500		1
- 8	ECN_0.5625_2552	3,5994	9.0835	9.8993	9.0353	4.0924	8-0529	4.0068	4-6777	0,6356	60-655-6	8,6207	0-6100	4-2260		-)
- 8	OCM 0.5ET 3CESA	Que555	3,4989	3-8591	3, 2973	3,8998	8,8689	2,8965	3,3924	3.8988	2,2557	3,9875	Bu8833	9.9576		- 1
И	EEN OLDEY SEA	6-4000	3,0863	8.469.63	3.9990	4.6433	4-5226	N-19960	0/20/30/2	0:0529	0.9629	4.0230	69-1223-8	2-9350		H
l)	MODEL OF SEASON SERVICES	34,9503	0.2507	S-190 G.O.	3.9522	9-9519	3.5190	3,997.0	31" (89 84)	2,9550	27" 2865	3.6500	THE COSTON	2.9506		1
10	MEEN OLSEN & DAY	8-0020	2.0790	3,9500	3.9650	0.0058	31.93003	E-OKER	SI-20173	0.0369	0.8028	4.59%2	10.5552	6:0137		1
- 1	ECN_0.522_661	8-6919	20.00000	3,0445	3. 2020	3,2930	3.9692	3-9998	6-12-52	3,9629	G. GILL T	3.8690	0.0336	878000		- 1
- 8	ECN 0. SET SEV	8,5439	8.9168	4-8259	4.0923	8.3752	8.4225	2,5752	3.5950	N. 25-98	3.9254	3.9850	8,0526	8-4330		1

| CRITICAL DURATION : The critical duration for the G.SE ARE in the ensemble EEN G.SET 20:; | The median pattern for this ensemble is storm ? (storm name : ECN G.SET 20: 7). | The pattern with the greatest class Matter Elevations for this ensemble is storm 3 (storm name : ECN G.SEZ 20: 3).

AEF: 18 - Max Water Elevation (m)

* NORTH AND THE PROPERTY OF THE PARTY OF THE	********		*********		*****		NT 5.40 - 22 - 23 - 43					*********	***********		100
Ensemble name	Storm i	Storm 2	Storm S	Storm 5	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 50	Average	Std. Dev.	Nedlan		1
*HERRESPRESSESSESSES	TERRITORIA PER	STABLES STATE OF THE STATE OF T	PERSONAL PROPERTY.	THE RESERVE OF THE PARTY OF THE		NAME AND ADDRESS OF		WESTERFEITERS.	ARIOTARRAR		niannananana.	02575322222000			8
ECN ipct lösin	0.9703	5,3705	34,970.7	3,8395	8,9912	2,9757	3.4993	39-100000	5.8900	3.9780	3.9396	07.450500	3,9290		1
SCN Ipcs 12hr	9.0455	4.3525	6,2591	41. 20169	6.5652	0.2256	4.2965	01.5498	0.3000	8.45.95	4.3650	0.6849	8.3876		į.
B ECN Ipct 15min	0.0599	0.0702	0.0663	0.9690	6-8500	9.0004	0.0000	9,6355	6.496602	0.6580	9.0690	0.0510	4,6893		ï
# EGN lpct 18hr	0.2680	5-3960	0.3461	W-3154	8.4493	6.6886	4.2012	49.39.60	4-3602	0.2593	4.0140	20.5734	4-3843		£
# EUN Ipct I She	8-3539	4-3350	8-2674	8-3668	3.2663	3-2666	4.3634	4,2569	9.3093	0.3753	4-3669	G-, D0 EV	0.5060		1
EON ipds the	8.3019	4,3256	8.3290	4.3200	4 - 2000	0.3225	3.3148	40,3207	8-3288	0.3693	5 - 53007	9,95%2	하는 경우인데		1
ECM lpct 20min	8.1328	8.2300	4,1317	A. 2599	8.1324	0.3320	4.3324	4,3500	8-1327	60 u 37 T T T	0.41200	空 。在10次在	0.2000		i -
BON THOS 24br	0.7332	9,0389	0.3568	6-6500	6.3208	9,9852	4-2368	0.4000	4.0598	0.2773	4,2633	(Quality)(2)	4.3540		1
BON Igot 25min	8,5779	4.1707	8.1788	0.2724	4,3799	6.2784	4,4773	9.1750	2-1785	8,3733	4.3380	01m20528	4-1369		1
ECN Spot She	8,3648	4.3750	华 。1000年100	8-2768	8-3728	4-3757	6.3766	2,5830	8.0933	THE WOOD POR	6:5968	60.0000	4,2751		j
# ECN 1pct 30min	40,000	9,2229	6,2118	41.2222	4.8223	0.2360	6,2268	£.2300	9,2317	(A) (A) (A) (A) (A)	6.2012	9-2212	4.6846		E .
B ECN Spots Store	W-8400.5	2.0427	0.4206	4.3587	6.3536	0.3868	4.2035	8-7645	8.3539	用。如此可以	4-3223	60-82/3/6	41. 36332		ji -
BUN_ipot_45min	8,2822	2,2866	8-2757	4,2859	8.2628	0.2896	4.2761	6-2757	5-2738	B . 127 178	4.2508	0.0026	4.3369		E
EGN_ipot_6_She	8,4078	4,9883	4,0622	8-3175	9.23519	6.3869	4-2338	4,3999	4.2969	8.46897	6-3769	图-60000	8.3792		1
ECN that our	8,4751	4.9517	4.5580	4,5002	6.3473	0.3650	8 - 8057	0.4556	8-3422	6.3588	4.9989	0.8533	8-968V		i .
ESN Iper 9hr	8.3828	8.79420	4.1744	4,2500	8.4790	6.3729	4.4700	49,55348	0.2030	8.2599	4.8590	0.5745	4,3696		į.
Parkate and resident process of the process of the	THE RESERVE ASSESSMENT	CONTRACTOR OF STREET	PARTICIPANT AND INC.	PERSONAL PROPERTY.	CONTRACTOR OF STREET	VALUE AND PROPERTY OF THE PERSON NAMED IN	PRINCIPAL STATE OF STREET	THE REAL PROPERTY.		CERTIFICATION CONTRACTOR	NAME AND ADDRESS OF THE OWNER, WHEN	and the second	DESCRIPTION OF THE PARTY OF THE	STATE OF THE PARTY	29

CHIPICAL DESATION: The crimical duration for the 13 AFP in the example ECN ipot 4 5hr.

The median patient for this ensemble is storm 5 (storm name : ECN lpot 4 5hr.)

The patient with the greatest 4664 Motor Elevation for this ensemble Is storm 13 (storm name : ECN lpot 4 5hr 18).

AEP: 10% - Max Water Elevation (n)

* ALEXANDERS STATISTICS OF A			SECTION AND ADDRESS.				ORDERS DESIGNATION OF STREET			***********	N.S. DECES DE SES		STREET, STREET	THE RESTRICT OF THE PARTY OF TH	
Encemble same	Storm D	S MEDICAL	Storm 3	Storm &	STORM N	Storm 6	\$503m 7	Storm 2	Storm 9	Store 50	Average	Std. Dev.	Median	j j	
Participant and production of the production of	rythiasainteaspeach	AND ADDRESS OF THE PARTY OF THE	and the second second second	ensione ensistencia	CONTRACTOR STATE	articological action of the company	CONTRACTOR STATE	and the state of the state of the	were the second	encine establishment en la constant establishment establis	NAME OF TAXABLE PARTY.	OWNERS AND ADDRESS OF THE PARTY OF	SERVICE STREET, STREET	CONTRACTOR OF THE PROPERTY OF	
# ECN_10pct_10min	3,6266	3-9207	3.6886	8.9200	2,893.0	3-5319	2,8225	3.605%	1,8399	3.9224	2.9213	0,0000	8-8210	1	
# ECN 10pcs 12hr	8,6949	4-293	4.6884	4.0043	进一约别节位	8-2969	G. SERTH	4.3473	9-2789	6.1424	6.2185	0.9586	81.0887	1	
ESS 10pct 15min	3,9677	0.0000	3.9892	3,7790	0.6657	2,2066	28,8037	34,9956	3-0206	3.8004	3.7000	F. 150 L 6	3-9997	1	
ECK 10pct 16hr	41,000,000	4.0000	0.5582	2,0500	3,1039	0.0725	0.4967	3,2866	4.8359	0.2636	2,0968	0.0753	0.0057	I I	
# BGW TOpot T Shr	5-3600	9,1560	6.9832	4-1369	4.3659	8-2342	4.8996	0.2250	Towns !	5-2527	4.5698	0.4107	5-5330	i	
ECN 10pcs The	0.1358	9,1306	0.2555	4.3333	4,3953	0.3248	4.0369	0.3362	4-1342	0.1410	4-1590	9.2049	8.1323	i i	
ECM Sepot. 20min	2-2679	3.6673	2.8678	3,3500	3,6484	3,9925	3,9671	Su (1983)	8.8684	3,9572	2-9970	81.9095	2 - 3636	,	
EffN 10pct 24hr	9.0255	3.7639	0.0771	3.0529	5-2986	3-7570	9.9582	0.9356	2-8398	2,9966	6.0503	69.2546	3 - 19862	,	
ECN 10pct 25min	8-8076	8-6669	4-205-4	4.0075	8-01187	41.5938	0.0000	4.6666	8-0050	40 m (10 m) 10 m)	4.0385	6. 1019	4.6865	i i	
EUN 10pcs 2hr	0.2972	8.2009	0.1559	8-2528	6-3909	4-2768	0.3752	4-3829	8-1867	8) - 16 FEE 1	经上基金的证据	9-0153	8.4984	ı	
ECN 10pct 30min	8,5879	9.9396	848378	9.0534	6-3377	0.0352	6-6393	8.499.89	者。我等發表	6-6352	6-6084	04,6886	8.8389	1	
ECN 10pct like	3.2639	4.2610	8-3448	6.2090	8-7665	6,2073	8.2298	4,2003	8.3183	9*5333	4-3992	0.4233	4.2017	1	
# EGN_20pct_45min	4.4970	4.0983	4.6934	4-2975	4-0995	0.6562	4.95 FE	49.5543	8-9999	00 a 000 cm 7	4.0980	8,5508	4.6967	1	
EGN 10pot 4 Shr	8.34453	4,0904	4.1078	4,1950	4.1992	4-9550	4,1098	4.9650	4-1952	0-1404	4.2734	0.0471	4-1701	,	
SCN 10pct 6hr	A.0000	4.3230	4.7425	4.9227	8.0993	91 C 25 C D	提示医师是定	40.000	9-2336	40.2350	0.45657	2,8978	4.1622		
ECN 10pcs, the	4,2563	8,1257	4,8725	4,1007	8-1946	4-6981	4.1428	0 a 5 7 5 4	9-1897	0.2222	€ - 5.502	O. 23-23	4-1500	j.	

I CRITICAL RUMATION: The critical docation for the 200 AEF is the ensemble ECR_10pct_thr.

I the median pattern for this concedie is atom 6 (atoms name : ECR_10pct_Abr_81,

I the pattern with the grosbert -Oux Mater Elevation> for this ensemble is atom 10 (atoms name : ECR_10pct_Abr_10).

ARF: 50 - Max Nates Elevation (n)

	NAME OF TAXABLE PARTY.	THE RESERVE OF THE PARTY.												
Ensemble name	Skorm L	Storm 2	Storm 3	SCHEE S	Stom 5	Storm 6	Sterm 7	Storm E	Steem 5	Storm 10	Average	Std. Dev.	Median	1
	NAME AND ADDRESS OF TAXABLE PARTY.			*********	***********			**********				DOMESTIC STREET, STREE		
ECN 2prt_10min	34,35783	0.0359	3.6278	5,8285	2,6233	3,3255	51, 12,000	To BUTTO	250233	22,500,745	3.5030	0.0005	2,9763	1
KCN 2pcb 12hr	8,2760	4,2096	8-3000	6.0207	674808	8-2557	6-8348	40 c 40 t 40 tr	0.22223	8.4085	8.02838	图。2000年度	8.2723	j
ECN_2pot_1then	8.5273	6. 1000000	4-89025	5-8-50	0.0002	4-5954	4.00933	Gr 40272	9-5269	J). QZ35	4-6000	80-80005	9-59-60	1
ECN 2pct 18hr	8,3889	9.1396	8,2996	0.2422	6,3853	6.3862	4-2110	0.2457	4.2800	0.3213	4.2857	0.0770	4,2300	i
ECN Spot I She	9,3863	4.8200	0.3133	6-2998	8.2121	0.3274	4,3888	4-25-7	7-33-56	4.5242	40.000	0.0084	4.3628	i i
ECN 2pct Thr	8-2520	4-2792	4,7738	4,2504	8.0592	41.27799	经主要发生的	0.2656	8-2577	心。反应可含	4 - 2899	(D)。 (G) (D) (E)	40、2000年	i i
ECN 2pcs 20min	4.0864	9-0870	# 4686S	4.0859	6.0960	6.0066	4:0866	0.5000	4 - 220/5	00-0583	4.00000	0.0000	4.0896	i
ECN 2pcs 24br	前山设建生殖	9.1095	使一位是红河	02 = 318.00b	8 - 25 25 2	4.9227	6.1650	Sec. 222.93	N-2553-R	4.2122	4,1962	的自然不同	0.2230	
ECN 2pct 25min	8.2300	4.1325	A-350469	4.2326	0.1310	0.0300	4.3303	01.00000	4.1343	30,2001	4-1314	60. 1000 (5)	4-1016	i
BON 2pct 2hr	4-3359	4.3399	0.3196	8.2096	4.3179	0.0007	4 -3967	4,3295	0.3580	4.5566	4.3269	0.0152	4.2207	l l
ECN 2pct 30min	61,2626	4,1666	5.2652	4.1560	4.1643	4.1676	6.3668	4,3650	9-1553	4.2553	4.1646	(9. (9) 14)	4.1589	1
EON 2pgt 3hr	6.35%0	0.0920	0.00000	4.2877	\$. CHEA	4-3695	4.2006	Q. 38165	4.5002	4,3500	4-3239	0.7504	4,7500	1
ECM 2pct 45min	9-2527	8.00009	8,2298	4, 2512	8.2929	6.9240	4.5280	41,2300	4-2186	6 m 22 32	4.2765	St. 1152 F	4,5000	i
ECN_2pct_4_5hr	6.7559	4-3382	8.3057	4.2559	0.0720	9.2390	4.2589	6,3270	8-3299	4,4007	9-2199	0.0852	0=20-20	i i
ECN 2pct the	49-9527	5.2567	4.3327	4-2657	8-2390	6.3033	4-8223	0.4435	4.2375	0.2235	9 - 5300	0.0623	9-29-35	j
ECN 2pct Shr	8.5205	4,9750	4,2027	4-2268	6.4293	0.3169	4.4250	0.1767	4.2379	4-2835	4-2504	0.0004	0,2008	j
STREET, STREET	ACCUPATION OF THE PARTY OF	CONTRACTOR STATE	A THE OLD OF THE	CENTRE CONTRA				CHECK COLUMN		**********	ACCUSED FOR SERVICE			

I CRITICAL DURATION: The critical duration for the SP AEF is the ensemble ECS_2pot_4_Shr.

I The median pattern for this ensemble is storm 2 [storm name : ECH_2pot_4_Shr_2].

I The pattern with the greatest clark Rater Elevation's for this ensemble is storm IC (storm name : ECM_2pot_4_Shr_10).

ABF: 50 - Max Mater Elevation (s)

Consumption	TOTAL STREET,	**********	THE RESERVE THE PARTY OF THE PA	*********				11002200000		enternier en		and the state of the state of	VARCO DE ENCORETA ESTA	Deliver of Charles	
# En	semble name	Storm 1	Sterm 2	Storm 3	Storm 6	Steem 5	Steen 6	Stem 7	Storm S	Steim 9	Storm 28	Average	Std. Cev.	Neddan	
	Spot 10min	2,8686	9.3657	3-8885	8,8099	8.8593	2,9569	2.2701	2,9693	9,6509	9,6550	3,9591	0.0008	8,0000	
	Spot 12hr	6.2727	9-3669	8-2478	4-1992	4,3957	0.0000	6.2872	4.2354	8-2598	8-7266	6-5995	69-37735	4,1705	j
	Spot ISain	3,9616	9.9617	3,9918	2.9638	20.5628	3.8621	9,0683	3,9656	8.9969	3-9641	5-8650	0.6009	8,9628	
	Spot 18hr	6.4628 8.2653	8.1275	0,2565 0,2678	4,0546	8,2268	4,2352	4,0313	4.4548 4.5384	\$-5559 \$-2559	8,2173	4.1940	64.077d	4,2000	
B 107	ON Spot libe	0.0989	9.1921	4,1951	9-7522	8-1939	8:2965	4.3397	4.1955	4-1935	8.42528	9,1392	0,0252	6,4985	i
	Spot 20min	9-9637	8-9223	8-0238	9-9239	0.0250	9-93	4.0236	9.9250	4-0548	64-6222	6.9272	0.4697	4.9220	
	4 Spct 24hr Spct 25min	8.4690	3.8202 4.9650	4-0566	4,5004	9-9630	4.8533 4.8535	4.0045	0.8954 4.9653	0.0037	4-67235 4-6632	4,0500	6.9625 6.8538	4-0506 4-0506	
	N Spot 2hr	6.0916	4-2667	8,2178	6,2966	6.8846	6.25.58	4.2077	42.25514	4.2589	49.81245	4-3573	0.00.67	9-20-69	i
	Spot Simin	0.0001	6.2227	8,2958	4, 2793	6.0050	8.0304 4.2766	4.0951	4.2797	8-2005	8,0988	6.7550 6.7527	64 6223 64 6623	8.25953 8.2586	
	Sect dista	47.5229	0.55%	8"3888 8"8888	41. 6.5012	3.2537	8.2636	4.2829	40 25 25 E	8-1588	dr.2533	6.8560	0.2022	Q. 3590	
B ECK	Spot 4 5hr	4.,2257	4.1420	8-2624	4-2000	8-2209	4.3194	4.2438	9-2934	4,2599	0.2170	4.2095	0.0656	4.2525	
	ON_Spet_Obe	6.0288	8.0869	4-0238	0.3908	0.2750	0.0277	4-0165	4.5000	0.2820	49.0246.0	1.2101	0.0001	2.254.0	!
	N_Spot_Shr	6.2763	4.2022	6.2506	4.3765	972388	9, 2659	4:3573	4.3683	4:2620	4.1681	4:3369	0.8343	4.2139	1

I CHITCH MONITON: The critical duration for the SS AEF is the ensemble ENN Spot JHr. I The scalar pattern for this ensemble is storm & (storm & (storm and) ENN Spot JHr. I I The pattern with the greatest CHAN Water Elevation> for this ensemble is storm 10 (storm name) ENN Spot JHr. IO).

	MRS 2 82 25	S - BAC HELD	Mr. Ereverson	Corp												
2-41		MARKET HAR STREET														
8	Ensemble name	Storm 1	Storm E	Storm S	Storm 3	Stome 5	Storm 6	Stem ?	Store 8	Storm 5	Storm 10	Avezage	Std. Dev.	Nedlan		1
300	and the state of t		CARL CONT. CONT. CONT.				equilate was in part of the	*****	OR SHEET WATER STREET			point now that the way or	mir a mar with it a bit at		mineral residence in the contract of the con-	
1	ECN 63pct 10min	3,4596	2-6597	G.ONEY	8,8568	8,6588	3,7547	3-6598	2.6287	8-8985	3,4993	3,8599	0.9001	2-9168		
	ECN 63pct 12br	2-6272	9.2550	3-5516	9,4829	2,8529	2,7660	3.7864	汉、信仰意见	8-8460	3 - 55 3 5	3.0000	05.0225			1
i	ECN (Sport 15min	36 77 78	3-7232	5,7818	8.7287	0.7217	2.3529	3,7329	9.7217	3,72.99	8,7223	3.7222	80 × 82 8 7 %	2-7257		ĺ
	ECM Sipos 18hr	9,7999	3.7002	# . RT 2 R	2.7773	227158	21, 7, 7, 7, 6, 65	21-7595	2,4432	2.1206	22,453,538	3.7580	01,3373	7.7450		- 1
	ECN 63pcs I 5hr	2.7263	3-8259	12,003.0	3-9654	5.0085	7.9366	27 - 522-1-0	3, 20, 33	2.0212	3,9359	3.8227	9,40,85	3-9550		1
1	ECN 63pct the	2.00000	3.9925	3,4943	3.9944	3,8972	3 - 93900	2,8953	3.9984	2,9934	2.6383	3.8983	0.0015	2,0949		j.
	ECM 63pert 20min	37, 76667	5.786%	3.7541	3,7579	3.7563	3.7842	3,7593	20,7883	8,7690	2.7649	7,7629	0.0021	3 . T624		1
	ECH 63pot 24br	2-6414	3 : 5963	37,7555	3,9515	37.7288	3,3454	3,7111	2.7530	8-7854	3,3598	さったを担じ		2.7240		j.
	SCN 63pct 25min	9-3367	A. 7710	0,7857	3,2960	3-7755	3,7919	8-7523	3.7383	5,7333	8.7533	3.7866	0,0028	3.7144		1
8	ECN 63pct 2hr	0.5010	3.9980	3-9181	9-5-772	2:2517	3:8221	8-9278	8-5348	2,8490	2.6452	3-5300	0.8158	8-9340		
N.	SCN SORON SORON	25,150,43	3-1287	3.65.87	3.6953	3.8160	3.9160	9,5398	3.5000	8-8366	37453475	2.9278	(0. E93.Y	2-8172		
1	ECN 63pct 3hr	34.54	8.6950	846951	8.9138	5.9486	3.9395	3-51-50	3,5249	3.3632	3,9565	3.2547	0.8856	3.3588		
Н	ECS 63pot 85m2m	3-8548	8.9038	2-5525	3,8650	21-94-59	7,8665	3/8637	9-8664	5、黄花的女	3.0000	528558	0.0025	2.8662		3
н	EGN_83pct_4_5hr	3,9968	3.8694	2,4423	31,9608.0	2.54.50	3.9557	0-3914	3.2003	3.8320	35-184354	3-9163	0.5835	2.9110		- 0
H	ECN_63pct_6hr	39-100-67	8.8396	3.8303	3. 8252	3.6733	2.9573	2.4606	2,9268	1:8797	3,9852	3.0020	D. TORU	3-2167		
	EUN 63pot 5the	3,5501	0.8295	3,9232	3,9123	2,8588	3,9300	20,000		3-5639	2,9455	3.350	66.6665	E.2500		1
Firm	THE RESIDENCE OF STREET, SALES AND ADDRESS OF THE RESIDENCE OF THE RESIDEN	Charles of the first of the common of	THE RESERVE OF THE RES	DESCRIPTION OF THE PARTY OF THE	OR THE RESIDENCE OF SHEET PARTY.	Charles and the second state of	CONTRACTOR AND A STATE OF	CHICAGO PANAGONI			*********	Color with 4 Sporter to a re-	to be at more to first at design or	CHI SOLANDA AND A STEEN SHOW SHOW SHOW		Commence of

| CRITICAL BURATION : The critical duration for the 69.25 AEP is the ensemble DEN_63pet_Zhr.
| The median pattern for this ensemble is storm 3 (storm name : ECN_63pet_Zhr_8).
| The pattern with the questest CMAX Mater Elevation's far this ensemble is storm 3 (storm name : ECN_63pet_Zhr_5).

Page 476 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze 1000

Summary Informations

Total No. of Ennembles: 532 No. of Storms per ensemble: 10 No. of ADP Ganda: 7 Object Name: Sev5 Result type: Max 0

I Ensemble name	Storm S	Stern 2	Storm 8	Storm 8	Storm 3	Storm 6	Sterm ?	Storm 8	Storm 5	Storm 16	Average	Std. Bev.	Hedian	
# 55W_0.887_15kin	J., 7198	3,71,95	3,7132	3,3900	0.7398	3.7995	3,7189	3,7294	2,78Sk	3.7191	8,71190	0.0003	2,7998	I
EDN_0.0EY_1257	3,9490	8.42650	6.2580	9.9503	8-9203	3,0529	25.8888	4,3255	8,3677	4.27.26	0.000	0.8811	5-7230	1
pen 0,200 Abulo	9,7509	3.7247	3.7553	8.7849	9,7964	3,7796	3,7266	0.7399	H-7572	3,7762	3-7962	G-12257	8.7994	1
ECN_0.210 19hp	0.6483	3.3963	4,3209	3.6045	8.4378	2,8163	3,8850	2.7529	2.5530	2,7682	2.9889	0.2167	N. POPT	,
ECH O.SEY 3 Sho	4.6253	6-0393	4.8003	8.6276	0.5009	41,9298	0.0000	0.0333	3:0659	ALMESTER.	4-0326	0.4238	4-5327	
NEW OF SER APP.	8.0363	3.9962	9,5975	8.0000	9.0050	8.9860	H MIDDE	0.0010	9.0064	40.000	6.0017	6,5030	8,5057	j.
ECM 0.552 S0030	2.3327	3.56684	22-82 A.S.	3.6490	D.EARD	3.0833	2,8991	30 KB 40	3 - 64 96	2000	3.9655	0.0000	3.9667	j.
BON_9-0227_346c	3,7459	3.3101	3.6860	0.0435	29,8428	3,8638	2,8383	27.95568	2.8532	3,6869	5.3477	10.000.00	24-8-650	
BON O. SEY PERSON	39,6660	3,8618	0,2653	31,5559	9,8843	3,5964	2,8855	0.9854	2.8850	9,9851	3.9567	0.8086	2,9859	
ECN 0.227 Dice	6.6853	8-5299	8.6293	4,0104	X-8691	6.9599	6.04148	4,5500	4.0699	d-955d	4.55520	0.0161	4-65-60	!
BCM_0.257_TREE	3.9585	3.9150	8.68.40	3,2355	2,3257	3-9456	9.9594	0.6363	2,5154	3,9159	5:5240	0.0022	8-1246	,
EDN 0.257 354	4.0301	0.5170	4-0839	4.0259	4.4750	4.0594	4.9192	40-127-38	4-0503	41.40946	4.6490	9-8255	A-8854	!
ECN 0.385 45E4s	0.9717	3.9637	9.9600	3.6000	2,2556	2.2676	3.9890	2-5119	8.8689	3,9937	5.0576	9.2012	2.0692	!
ECH 0.207 4 58c	8-1110	9.0195	3-5638	3.9869	6-0352	8.5000	4.0525	8.0500	4-0559			0.0369	9-8632	!
ECN 0.2EY She	8.48888	3.0416	4.0057	4.0036	3,892.0	0.3904	2.9852	4 9824	3.0000	例4 如果是的	5.0036	6-8332 6-8345	3,9988	!
ECN_0.222_564	4,0935	3,6673	8.25503	0.5025	4.0225	0.0783	8.0167	2.9423	2,9675	5.9971	4.6288	MANAGED.	8-5395	Į.
- CONTRACTOR OF THE PROPERTY OF THE PARTY OF	A MARKET DE SESSON DE SE	ALCOHOL: STORES			CTILITICAL CAR.			THE RESERVE AND ADDRESS OF THE PARTY.	TO CO ALTA PET	THE RESERVE THE PERSON NAMED IN		and the second second		The state of the s

CRITICAL BURATION: The critical duration for the 0.227 AEF is the ensemble BCK 0.229 Ehr.

The median pattern for this ensemble is storm i (storm name: BCK 0.225 Ebr.).

The pattern with the greatest come Mater Elevations for this ensemble is storm 5 (storm name: BCK 0.227 Ehr.).

AEP: 0.5EY - Max Water Elevation (n)

	Ensemble name	Sterm 1	Storm 2	Storm S	Storm 3	Storm S	Storm 6	Storm 7	Storm B	Storm ?	Storm 10	Average	Std. Dev.	Hedian	- 1
OF a		CONTRACTOR STATE	DESCRIPTION OF THE PARTY OF THE	000000000000000000000000000000000000000	SERVICE PROPERTY.	Colored Street Compa	of which was not be	SERVICE SERVICE	CONTRACTOR	on major a region was well	OR FEBRUARY STREET	********		and the second second	 (maj/2)
H	DOM 0.9EY 19Ein	0,5633	0.6823	8-5524	9,5528	3:5513	3,6920	2-5621	2.6611	850010	8.6657	0.4650	0.9893	2:8622	1
- 8	SCN G. SEY LINE	2.0482	2.8638	2.0128	3.8898	8-9900	8,3895	2,3236	3,4993	2:0000	2.1952	3-8997	5685	8-0000	1
- 10	SCN_0.55V ASPAC	9-7350	8+7895	3,7393	3-1275	3,7300	3:7592	2,7301	3,7300	8:7309	3,7363	3.7261	0.0000	3-7362	1
н	ECM G.SET ISSU	3.8293	3.3593	0.0833	3.3586	0,7328	3,7469	9,7792	3,6683	5,7489	3,6663	3.7516	0.3929	3,7510	- 1
	ECN 0.583 3 55e	0., 98.03	3.5536	3,9275	3-3672	0.0500	3:9420	9,9425	3,5458	2,9529	3,9539	0.0637	0.0106	2:34(2)	1
R	ECN G.SET Thy	3.3963	5-8155	25 4 68 50 50	8-9146	2.5572	3,9395	9,8118	2.8360	3-9127	3, 99 78	3-0230	(0, 7003.9	25, 101579	
п	ADCM D. SEV 180a No.	9.3399	3,7737	3.7755	3.7762	267762	2:7752	3.7762	34.77568	2.7300	3.7762	3-3130	0,49716	3.7739	
В	ECN G. DRY VARD	3,6691	5.7180	2.777.3	2,0130	1.7360	8.7926	21,7278	2,7759	2012	2000年	3.7699	0.5758	2-7256	
- 8	SCH O.SET MARKS	8,6839	0.0004	3.0685	3-11-57	9.0000	9,6008	0.8698	2,0000	0.0018	2.6550	2.0070	0.9029	2-2023	- 1
- 8	ECN 0.50% Stor	3,9322	3,5344	9,9882	2,25%	0.6793	3-9486	8,9585	9.9556	8,2675	3.9662	3.0590	0-6723	2.0586	- 1
- 8	BOOM OLSET BOXES	9,4339	3.8356	3-6352	3, 298.0	9-6359	2.6280	2,8337	3,9327	3-8389	8,6539	3.2307	0.0052	3.8369	- 1
- 8	SEN OUGEY SER	2.9828	3.3195	5,9739	3.9378	3.9768	3.855%	5-5232	36.952%	3-9242	562551	5,8530	6.5226	2-8695	- E
10	MECH OLDER CONTROL	3.6540	5.0853	0.6835	3:9843	20~报报及股	30-19925	3,3652		37 - 368 3.25	2,9620	0.8852	10-00408	3,9853	1
10	MECH OLSEN & DOOR	8.0980	5.6850	3.3892	3.49933	349985	31.7075.2	3,3568	Jr. 9499	2.9576	3.9647	3:3330	10 - 53335	3.8643	1
- 1	ECN 0.522 EAR	9,9346	3,8892	3.8999	3, 9100	3.8877	3.5000	3,9888	2,2554	2.8972	82.6255	3.0007	0.2355	3,8953	- 1
	ECN G. SEY SEE	3, 9757	5. 展览艺艺	2,9610	3,0027	9,9829	3,5556	30,669.2	3-5427	8,8850	3,6630	3.9143	8,0507	8:9171	- 1

| CRITICAL DURATION : The critical duration for the 0.550 AEO is the ensemble EEN 0.551 200; | The median pattern for this examenble is storm ? (storm name : ECN 0.557 227 7). | The pattern with the greatest class Mater Elevations for this ensemble is storm 3 (storm name : ECN 0.552 205 3).

AEF: 19 - Max Water Elevation (m)

										DESCRIPTION OF THE PROPERTY OF					
Ensemble name	Storm 1	Storm 2	Storm S	Storm 0	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm SC	Average	Std. Dev.	Nedian		1
**************************************	CHERNICATION	STATE PROPERTY.	CONTRACTOR	REPRESENTATION OF THE PARTY NAMED IN COLUMN TWO IS NOT THE PARTY NAMED IN COLUMN TO THE PARTY NAMED IN	CONTRACTOR PROPERTY			NAMES AND ADDRESS OF THE PARTY	NATION PRODUCTS	NAMES AND DESCRIPTION OF THE PARTY OF THE PA		025757777777	APPRELIANCE OF STREET, STATE OF STATE OF STATE OF STREET, STATE OF STREET, STATE OF ST	PRODUCTION AND A PROPERTY OF THE PARTY OF TH	460
ECN ipct limin	0.9083	3.8096	3.5946	9,9854	8.8053	3,9532	30,000,00	21,9060	2.8099	3,3332	3 - 9600	E-38105	8 - 90/6/8		1
SCN lpct 12hr	91.23558	4.3683	4,2968	0.2500	6.4227	9.2534	4.0297	61.4265	9-2975	0.2557	9.2832	0.0925	4.7649		1
ECN Ipct 15min	2,6000	0.0053	3/1/99/9/3	3.9963	8.0009	8,0003	3,2993	0.9027	4.00000	3,5669	9.0000	es-goale	4,5502		U
8 ECN_lpct_18hr	8,9890	8.1360	6.2068	4,2873	8.0995	6.3623	6-2088	4-2196	4-3333	6-2348	4.2082	29, 56, 93	4-2250		£
# EGN_Spot_3_She	Se2272	4.0073	8-2826	4-2038	8.2916	4,2763	8-9799	4.200	9-2862	6.2637	4-2910	0.0047	9.2000		1
EGN_ipdt_lbr	8-2417	至4.英有电池	6,2809	4.2407	4.2623	6-2682	4:2361	41-22(4)	3.5000	6.2400	9-2697	9,5550	4-2019		1
ECM lpct Zimin	8.0686	4.0605	4,4600	4-94-5	4.0630	\$1.555E	4,0623	49-28-50	V-0800	Ww0.50	机工程机会等	0.4005	9.0825		1
80% 1pox 24br	8.2377	8.5999	4,2670	4.7560	6.2489	9,0945	4.3650	4.5634	E_A998	用。安建有的	4.3863	0.2588	4,3553		1
ECN Ipct 25min	8,1881	4.8075	6-1926	4.2000	4,1977	Sa 6040	4,3056	8.1613	9-1997	8-265	4.4938	0.0229	4-2662		1
ECM Spot She	A-35VB	4.2895	是由認用的發	4.2862	8-2889	8.2889	6-2890	老。但这样的	8-2016	图 10 20 20 20	4.3637	6.2854	4.5850		1
ECN 1pct 30min	6.2309	4-5465	4,3338	8.0595	4.1587	0.8804	6.1295	成。2250年	8-2399		8-8389	0.2212	8,2350		ŧ
ECN_ipcs_line	0.3233	8.2336	6-3376	4.8758	6:0509	电子图示程 位	4-3000	W-G8888	6-5165	5-3240	4 - 2023	th: 00000	4-1965		Ji.
 EON_lpot_dSmin 	6.2550	8-1075	6-6965	Se 220 8	975939	0-2007	4.2938	6-2569	4-1000	9-5545	4-2672	09.00006	16 a 2000 20		8
EON ipot & She	8.3894	4.2575	4-5588	9-2296	4,0535	6.5772	4.2083	4,3076	8.5836	8.3552	0.2813	G-8872	8.1929		
ECN tpot Ghr	8.5889	4.0000	4,2746	4,2896	6.2849	8,2850	4.8822	49 " TALE TO BE	8,2594	0.3014	4-2963	0.8520	4.255		
ESN Iper War	6,0558	4.25%3	4.2026	4, 2193	8.3883	4.2365	4,9869	40.0000	9-2207	6.2939	4.2753	0.0626	4. 29.683		1
The state of the s	CHARLEST WARRANT SWITZE	CONTRACTOR OF STREET	THE RESERVE AND ADDRESS.	PARTICIPATION AND ADDRESS OF THE PARTY OF TH	THE RESERVE AND PARTY AND	PARAMETERS OF STREET	PRINCIPAL PRINCI	THE RESIDENCE OF STREET	OR SHALL SHA	CERTAIN CONTRACTOR	NAME OF TAXABLE PARTY.	ALTERNATION OF THE RESIDENCE OF	A STATE OF THE STA	CONTRACTOR STATE OF THE PARTY OF THE PARTY.	450

	ARPI 20%	- MAR Water	Elevation (m)												
Pipe								STREET, STREET, STREET,			***********	**********		**********	***************************************	men!
	Enosmble same	Storm S	Store S	Storm 3	Storm 6	Storm S	Storm 6	Storm 7	Storm S	Store 9	Store 50	Average	Std. Dev.	Medžan		- 1
Y 40	Communication of the project and the se-	cycles and a few sections and	CANDED TO SERVICE STREET	and the second second	Separation consistency		NAMES OF TAXABLE PARTY.	Schartsteine innere		were and a few parties of the con-	enemies elaterateria	THE PROPERTY OF THE	CONTRACTOR AND AND ADDRESS.	SERVICE STREET, STREET	CONTRACTOR	deak.
1	CCN_10pct_10min	3,7838	3,7005	3.7619	3,7350	2.7829	3.7626	2,7633	3.7627	2.7518	0.7501	3.7613	(0) a (20) (1) (1)	8.7424		1
II.	ECN 10pcs 12hr	8.40261	4.2000	3,5326	8.6197	8-0243	3,9523	F8.20. B	30 x 257 753	8-1999	6.57333	6,0559	0.0032	8-0239		- 1
1	EGM 10pct 15min	3,0345	8.8845	2.8248	3.8663	3,8681	2,9452	20.2401	30.0468	3-8468	30,000	3,0457	P. 170913	3-3463		- 1
1	ECK 10pct 18hr	0.9635	0.9729	0-1209	3,0244	8,49943	0-0959	0.9200	9.5025	2.8419	0-6623	2,9869	0.0639	0.0000		- 1
1	BGN_TOpot_I_Shr	0.2087	8.9959	5-2330	4-6853	4.0900	8-3434	4-5986	0.0859	1-2007	6-2105	4.0168	0-0131	5-6667		- 1
	ECN 10pct The	0.49663	4-0652	0.0616	4,4500	4,0422	0.0532	4-1673	Q_0600	4.0949	40-0623	9,0000	9.6648	5-6660		- 1
	ECM Seport 20min	3.5029	3.8613	2,9018	3-9022	8,5024	3,5926	3-9018	36923	2.8925	3.9612	5-5060	意と音句が	3-2587		- 1
	Eth 10pct 24hr	9,2162	2.75.63	0.0095	3.8500	5-9318	3.8507	0-3880	3h. 20198	5-27-26	2.9279	2.79642	0,2686	3-9329		- 1
1	ECN 10pct 25min	26-26-20	3-8966	3.9396	Jr. 9422	3-5399	34.2823	3.0413	31, 14 0 X	5-2452	3-2419	0.3989	6. 1611	3.9981		1
Ħ	EUN 10pct 2hr	0.2293	4-1287	0.0000	8-2063	25、运集基础	9-3963	4-1968	4,1200	B-1300	9-9252	4-5883	0.0159	0.1000		1
R	ECN 10pct 30min	31,5555	3.3793	31.9650	26.9699	F-9901	3.200	3,8798	2,5667	3/25/5/8	J. 97868	31 - 207 (0.0)	64-6665	2-2702		ł
	ECN 10pct The	8.0999	9,0930	8.0923	8,3750	6,6937	6.4328	6-3486	4, 1298	4.1200	0,2551	8,1285	0.4248	9,1255		1
	ECN_10pct_45min	4,6280	4:0200	4-6303	Wa (52.85)	0.0399	0.0297	4-0289	40.40354	8-0299	9,9296	4.9292	8,5598	4,6256		- 1
	BCN 10pct 4 5hr	8.0849	4,0206	4-33.39	4.27.00	0.0007	4.3467	4.0588	0.0000	4.1832	0.2652	4,5050	면도원주장점	4-2065		- 1
	SCN 10pct the	8.1886	4.0597	4,4789	4.1000	3.1283	G1 - C04-6-2	· · · · · · · · · · · · · · · · · · ·	41.956%	9-2399	W. TRUE	0.0902	2,0460	4.0900		- 1

ECN 10pct Che 6.7895 4.8507 4.1075 4.1095 3.2593 3.2503 4.075 4.0095 3.1777 6.1072 0.0092 2.0405 4.0095 ECN 10pct Che 4.525 3.0345 4.1015 4.0245 3.0305 4.0765 4.0235 3.1076 4.0235 3.1096 4.0235 3.0345 4.0345 4.0355 4.0345 4.0355 4.0345 4.0355 4.03

AEF1 22 - Max Mater Elevation (n)

Parameter Control of the Control of		THE RESERVE OF THE PARTY.	***												Ė
Ensemble name	Storm I	dress 2	Storm 3	SEARS S	Storm D	Storm 6	SCORN 7	Storm S	Steem 5	Storm 19	Average	Std. Dev.	Nedlan		I
Character and the state of the	NAME AND ADDRESS OF TAXABLE PARTY.			*********	MARKAGO WATER	**********		**********		SHIPP STORES	ER * 3 E D D D D T G U			******	S
8 ECN 2prit 10min	0.48940	0.9638	3.8625	3.9849	0.9639	3,9589	2,8038	D. GERRY	2 - 125	20,000	3-3537	0.8005	21/66999		Ħ
ECN 2pct 12hr	W-2882	4 6000	8.2156	8.1576	8-2769	8-0957	4.3078	4-7513	8-2490	8,2201	6.2899	10 - 35 5 E	2.2500		j
# EGN_2pot_1telo	33.59994	9.0001	0,5575	8,9068	3-9603	8,9048	31-9539	3.9595	2,3552	39,096363	3.6594	10,46538	3,9080		i
ECN 2pct 18hr	8.2266	4.0697	4,1285	9.2327	4,3009	6.2992	4.5392	0.2784	4,1975	0.5491	4-1312	0.4710	4.1583		i
ECM 2per 1 5hr	9,2286	0.0499	4-2353	4.2020	0.2244	0.3350	· 原因及1000	4-2186	8-2978	Q-2436	4.5043	8.0062	4.2349		н
EGN 2pct Thr	4-2642	9-1502	4-2008	4, 2958	0.1970	4,2007	4.0903	0.3963	8.1960	0,2994	4-2900	0,2007	4,2960		ı
# ECM 2pct 25min	45-01-74	8-11100	446373	4.0870	64.02.77	6,00077	4-9177	@_\$470	9.0379	的。据文化工	4.0170	10 n 100 15 fc	4.0177		ı
80N 2pcs 24be	5,1732	9.1095	传》是领导是	4-2000	8-1433	3-9583	6.0990	8-2558	2-8259	4.0021	4,5234	B-3728	0.0600		ġ
ECN 2pct 25min	8,6885	4.0636	8-0615	0.0023	4,6628	4.0000	3880.5	6.0020	6-0317	0.0527	4,0520	6. 6000	0.0423		i
8 Kin 2pct 2hr	4.2500	2-2893	4-2376	4-2490	6.2390	8.2493	H-265E	4-2476	8.55.63	0.02557	4-2450	0.5885	4-3410		ķ
ESS 2pet 30min	46.6507	8-0968	4.0986	4.0900	8.0338	8.45326	E 70833	4-9533	W-050403	40,000	4,0930	69,0002	4.0300		ij
EGN 2pct Shr	4.2079	0.6897	4.2763	4.2359	4-9179	4.0200	4.02560	8.2282	3-2259	8.2723	4 - 200-840	0.0540	4,2204		£
ECK 2pct 45min	0,2630	4-1566	8,9576	4.2350	8.1603	8.8399	4.3539	4.2560	4-1576	4,2476	4-3940	3,0015	4,3595		ı
ECM 2pct 4 5hr	0.2728	4-2867	美。 英国教验	4x 3250	6-2019	资本标准 有交	4 = 0378	6.2320	8-2982	4-36.22	9-28-7	0×6398	0.0433		ı
ECN 2pct the	6-3999	级工程型设施	4.33.91	4.5504	8,2068	第二字字音形	6-9326	0.3053	9-2031	Call Str.	9 - 2343	44.0576	9.5228		ı
ECN 2pct Shr	8.2220	4,9687	4-2366	4.1343	8-3939	4,2297	4.3395	4.2052	8.1963	4,7360	9-2362	0.0743	0.2009		ì
Cultural and consequences of the parties	FFFFF Custons	*********	alternation and an	CONTRACTOR OF STREET				THE STATE OF THE S				11 12 4 1 5 d 0 4 b e			8

I CANTICAL DURATION: The critical duration for the CP AEF is the ensemble ECS_2pot_4_Shr.
I The median pattern for this ensemble is storm 2 (storm name : ECH_2pot_4_Nar_2).
I The pattern with the greatest CMax Mater Elevation> for this ensemble is storm IC (storm name : ECM_2pot_4_Shr_10).

ABP: 50 - Max Water Elevation (m)

	TO SECURE OF THE PARTY OF THE PROPERTY.	CONTRACTOR STATE				100000000000000000000000000000000000000		100000000000000000000000000000000000000		and a wall a war to	***********		WKYASVOWSWIES	W1+07+5-11-0	
- 1	Ensemble name	Storm L	Stem 2	Storm 3	Storm 6	Storm 5	Stern 6	Stem ?	Storm S	Stein 9	Storm 18	Average	Std. Cov.	Median	j.
(9)						THE RESERVE AND DESCRIPTION OF THE PERSON OF						100000000000000000000000000000000000000	Spiritual Property		
	ECN_Spot_10min	2,2979	9.8830	3-6066	3,6555	8.8675	2.6553	3,8000	2.4974	8-8508	29,666,65	3.8676	0.0000	3-2500	1
	ECN_Spot_12hr	6,1913	9.5851	8,07772	4.0970	4,0000	0.4282	4.9998	4.9567	8-7348	3-35-25	6:223		4.0998	j j
	ECN Spot ISmin	2.6938	9,9980	8,8950	3,4378	22.6585	5.9963	8,8865	34 2 36 3	2,8996	3,6583	5-8870	84,500S	8-25-EE	
	ECN Spct 18hr	6.45560	8-3184	0,2116	0.9955	8,2979	4,6869	3,9991	3a 39 56	9-0276	8-15155	8,00047	D-2759	6,0330	1
	BEN Spot 3 She	8.1748	8-1,971	4.2776	國主義學問項	825500	82.55530	0.3595	国众是教师者	经工作证金额	Sa 2775	8.1619	89487.23	Section 2	1
	ECN_Spot_lhe	No 12 61	9,1100	4 - 30 30	41, 33,000	8,1210	8:2288	4.1368	0.00104	6-1277	G # 10 (8 (8 (8))	9-5227	Fig 0:05%	6.4290	1
	EUN Spot 29min	0.9549	0.9583	0.9536	8,9556	9.9861	9-9556	3,3599	34,9863	2-8642	9,9542	3.8553	0.0007	3,9599	1
- 11	ECN_Spct_24hr	6-3602	3.7681	8-0878	3.9659	8,0094	0.9850	4:8343	3,9859	2.8679	49 - 30 3 3	6.0500	0.2592	9.9950	1
	ECH Spot 25min	2,9954	3.5940	8,19933	3.7854	2.8840	3,9966	20,0000	8.9959	3,4947	2,9560	3,6952	BL 065.0	8-7950	1
	EdM_Spdt_2hr	8,5906	4.3952	8,8950	9.3669	46,28346	8.377.24	4.2532	6.3558	2-1099	G_25550	5-1790	(0) 452 761	44.36622	
- 1	EUM Spot Numin	N=63558	0.2253	8.5393	G. 523 500	8.8259	8,42219	4.4575	0.00000	8-9289	6.6368	4,9235	69. 00000	2.5256	j
	ECM_Spcc_Shr	6-2879	8 - 5 6 1 3	资本定型规程	On 2 320	0.3553	9-2049	4 - 22 52	40 - 22 EE	8-7227	0.07.05	8-1299	100 a 100 5 70	8-1590	1
	ECN Spct dimin	0.0865	9.8885	4.6688	9-2592	6,0001	0.0397	後、皇皇7日	8.9872	8-3830	Chatter St. St.	8 - 78895	10 L DE 2 S	9.9887	1
	ECM Spet 4 5hr	4,2533	4,7926	8,1918	4.1099	4.2393	表。是当着世	4.3705	4,3603	0-1967	Ang 381	4.1760	0.0416	4-2037	1
	ECN 5pet 6br	4-2472	4.1203	4 - 2500	4-1780	9-3999	41.0000	4.3825	41-2250	9-2338	46.0757	8-1693	0.0476	0.0000	ı
- 1	EGN_Spot_She	8.2000	4.1200	6.2883	0.2047	8.2657	4,3366	6.2525	0.0962	4:1308	0.3163	0.3650	0.4356	4-1660	

CHITICAL MONATION: The critical duration for the EP AEP is the ensemble BON Spot Nr. # The pattern with the greatest Char Hatter Elevation for this ensemble is storm # (storm amor : ENN Spot Nr. #).

| The pattern with the greatest Char Hatter Elevation for this ensemble Is storm in the pattern with the greatest Char Hatter Elevation for this ensemble Is storm in (storm name : EM Spot Nr. #).

AEP: 63.2% - Max Water Elevation (n)

Garne															
8	Ensemble name	Storm 1	Storm E	Storm S	Stems 3	Stoms 5	Storm 6	Stem ?	Store 8	Storm 5	Storm it	Average	Std. Dev.	Nedlan	1
Sec.			CAMPINE CAMPINE				THE RESERVE AND ADDRESS OF THE PARTY.	*****			********	COLUMN TO SERVICE AND ADDRESS.	mir a me w dod it m him si		
	ECN 63pct 10min	8,6081	2:6559	5.6983	8-1251	8,6681	3.49932	3,6883	2,6052	5-4540	2,6391	3×9880	0.0001	3 - 6082	1
i	ECN 63pc3 12bc	2,75557	9-9596	5,6559	3, 3097	3.7851	2-7110	2,7314	20,0000	5-7799	3,8673	3,9855	0.0568	2.7940	į
1	ECN e3per 15min	31-05M-G	5-8697	3,8630	8.9980	2.869.3	2.4665	3,4684	30 m 905-82 pt	3-8622	Say Fred To	25-12070	60×5005.55	图 - 多有效的	i
0	ECN 83pcs 18hr	9.7218	3.7535	31.0453	2,3215	5,6628	SEX STABLE	2-7093	3,5092	3.876.0	3,5763	3.1934	On USSES	2,4300	i
	ECN 63pct I 5hr	0.4524	3.9596	2,8300	3,9600	5.8648	3.9545	0.0000	0.8588	3.8657	3-9511	0.9583	9.450.5	2-9507	i
i	EGN_63pct_the	2.8127	3.0588	3-8326	8.8327	35,30384	3.0342	2,8338	5.8307	5.8305	2.6326	3,9332	0.0004	2,8932	i
i i	ECM 63pet 29min	37,7098	0.9983	3,7988	3.7589	3,7863	3.2064	3-7037	3,7996	8.7536	22,75762	7.7672	0.0520	3.7683	1
1	ECH 63por 24br	S_3980	3:8000	75,700.00	3.2153	2.8437	37.8003	20.8590	7.6976	37.8559	8,5464	3.5553	0.0000	2.8590	i
1	ECN 63pot 25min	0.7596	37597	0,7382	3, 7505	9-7978	3,7007	29.7230	8,7949	8,7598	0w7348	3,7370	0.0517	3.7505	j.
8	ECN 63pcc 2hr	0.6493	3,9526	3.8549	20 8842	3,5869	3×8573	8-2768	3,2315	3,8738	3.0000	3.2879	0.8103	8:8320	i i
i i	SCN 63pc% Steam	8,7560	51.7986	5,7666	9.7602	9.7572	3,3573	8,7596	32.53556	257570	2,7527	2.7583	614, 883.55	2.7089	i
i	SON 63pcs She	9,4654	8.0312	8.5696	3.8399	5,8843	3,8666	S-8502	3,9539	多。黄星结束	2,6354	3-16650	0.0208	3.9642	i
B	ECH 63pet 45min	5.48935	51,50002	0.20030	3.0039	27-5063	3,9558	0.00059	34, 9224 9	5,8952	3,0339	5:9085	10.48654	2-9947	1
1	ECN 63pct 4 5hr	31,98,00	3,4270	2,963.0	31,49240	34,080.6	2,8672	D-WEER	31,00000	3,8990	256265	0.0531	0.0006	2.2572	i i
11	ECN 63pct She	0.0872	8.7727	3,8005	01,0000	360000	3.7392	3 - 70 9:0	31,00049	9 - 765 903	2.061.0	3,55,99	0.479.6	26-300-00.	
1	ECN_63pot_9hr	3,6849	9.7639	8,6697	3,9975	3,6284	2 - 02000	5,8295	34,7850	37.96668	2,7645	9,8370	60.0462	8,8220	I.

| CRITICAL DUMATION : The critical duration for the 69.25 AEP is the ensemble DEM_63pet_Zhr.
| The median pattern for this ensemble is storm of storm name : ECM_63pet_Zhr_9.
| The pattern with the questest CMAX Nater Elevation's for this ensemble is storm 3 (storm name : ECM_63pet_Zhr_5).

Page 477 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze IOSO

Summary informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 70 No. of ADP Goods: 7 Object Name: Site Result type: Hax

AEP: 0.257 - Max Mater Elevation (c)

I Ensemble name	Storm S	Steen 2	Stoom S	Storm 8	Storm S	Storm 6	Sterm ?	Storm 6	Storm 9	Storm 10	Average	Std. Bev.	Hedian	
EGN 0.527 15850	5.5932	3-2792	3.5712	8.8789	3-3955	3.3334	3,3752	3,3712	2,2900	3,3721	3-5011	8-63-54	2,3792	ı
ECN 0.357 1257	9-56YB 9-6358	5-999B 5-9952	8:8141 8:4184	3,9227	9.4509	25.0032	2,4993	3,5509	8 - 53 66 8 - 43 66	2 . 14 2 2 2 . 14 2 2	5-6866	0.0004	2,5256	1
ECH 0.257 (Stdo	2-5666	0.9780	3,6813	2.4818	9.4015	2,4121	3.4733	3,4590	8-9550	2,4893	3,4727	0.3619	1.4857	
ECH O.SEV 3 She	9-5943	3:5697	33493	01-8586	3,9595	3,5034	9.5594	34, 53555	3,2525	20.05538	3-5939	0.9129	3 - 50000	i
ECR O. 257 25830	5-3513 5-4251	3,9529	3,3393	5.5250 7.9862	3,5351	3,5366	9-5693 9-6893	2,6162	3,5287	3.5584	3,5210	6 9055 6 9055	3,5866	
BON GLOSS SALE	3,4697	8.9383	2,4793	2.5959	29, 84933	3,4007	3-4423	39.40743	9.9598	3,3576	5,4943	0.9481	2.4844	i
ECN 0.0EV DESIGN	3,4635 3,5459	3,4633 6,6483	0.4607 0.0814	8.4565 A.6971	8,4552	0.0007	2 - 4600 2 - 5324	3,4657 3,5639	2,4899 2,6552	2,0681	3,8550	0.6663	2,4559	
BON O. AET DOGER	3,4669	0.4886	0.4669	3.4007	3,4527	3-1936	2-4796	3,4816	2-9913	3,4201	3,4900	6.5557	2-6511	
ECN 0.257 354	0.3259	3.5504	5,5689	5,5493	2,5715	3.5689	3,5097	2.5583	5-1745	0.5414	5.5500	51,05.25	9,3500	
ECN 0.327 45E48	5,9824	8.5620	3.521A	2.5825 3.5287	3,5506	2,5005	3,5511	2.5323	3.5107	3.5119	5-5510 5-5514	9.4097 9.4178	2,5898	i
BON O.DEY SHE	9,5091	3-1970	2.5858	3.5666	3.5239	3.5332	9,0258	3-5632	3.5256	5, 95, 95	3.2282	10 FT 87	2.5222	ì
EUN 0.287 964	0.5777	3:5065	3,8725	3,5845	3,54(6	0,5933	3.3839	3,500	2.5277	3,5166	3,5853	0.6267	3.5550	1

CRITICAL BURNTON: The critical duration for the 0.227 AEP is the ensemble BCN 0.229 Ehr.

The median pattern for this ensemble is storm to (storm name : BCN 0.229 Ebr.).

The pattern with the greatest can Hater Elevations for this ensemble is storm 7 (storm name : BCN 0.227 Ebr. 7).

AEP: 0.5EY - Max Water Elevation (n)

1	Ensemble name	Sterm 1	Storm 2	Storm S	Storm 5	Storm S	Storm 6	Storm 7	Storm S	Storm P	Storm 10	Average	Std. Sev.	Hedian	1
O marie		encicle kraying			*********				*******					in a single space of	and the same of th
1	ECM 0.9EY 19sin	0.2695	6,3362	3.8352	3,3393	3,3359	3,3350	8,3368	3,9561	973393	2.2355	0.5388	0.0013	2,3169	1
8	SCM G. SEY LINE	3.4523	2.50%	0.9675	2-21-08	3,4575	3.4955	2:4275	345322	2 6623	8.8121	5-9858	9-9435	2-6923	i
Ü	ECN 0.58% 259Ac	9-3678	5 - 37 - 50	3,3932	31,3370	8.0773	3,3774	2,3773	38×3977 Tell	252770	35,35075	3-3773	0.8502	3.3776	i
н	BEM G.SET ISSU	0.4426	3.98652	8,8619	8.629.8	9.3850	3,3588	2.4123	31.3453	2-2994	Tarken.	3-8039	Ola 622 TV	5.48330	i
1	ECN 0.507 3 5he	31,5536	3,5020	9.5605	3.5056	57.1501631	3.8655	9-5005	31.5670	3,5937	12,0002	3.5069	10.003/6	3,5060	j
81	DON OUSEY TOU	3.3824	0.4977	3.8882	3,4519	3.4699	3,6883	9,4822	2,4920	5-9959	3.46539	3-1930	69, 861136	3.4423	1
1	EDGM 0.58V FOREIG	31,8943	0.0000	3.6589	3.6035	26-4033	5,4639	9.4045	3969448	2:6018	3.65333	8-2950	0.000	3-6982	ı
В	ECN G.DRY VARY	9.3495	5.2795	0.6127	24,4870	3,9679	3.3399	2-3821	3-4111	27 25473	29-299-52	3-3824	0.0468	7-3695	i
	BON 0.50T NEEDS	8.4239	0.0299	2-4234	3:4233	9-4702	9-9294	2,4017	2.6236	8,4219	8.4352	5,4327	0.9032	2-4200	1
	ECN O. SEY SEX	3,3620	3,0905	9.5032	3,5003	0,5892	3.5852	9-5283	22,500,44	5,5275	20,5566	3,1200	(0) = 0:0 V (5)	2-0024)
8	BOTH G.SET BOXES	9-4340	3.4391	2000000	3,8286	9.8392	2,4333	5-4376	2,4392	3,4253	8,4374	3,4820	6-6328	3.9097	,
И	DEN OUTEY SER	2,4990	3.0862	2,8191	3-6932	2-5293	3,5328	20.4963	31,554.9	2-7240	5,5027	5.5905	0.0128	2.5988	ı
1	MODE OLSEN CONTROL	9,4657	0.4960	0.4863	3,3900	20、并成为20	35,46537	3.45.03	3,562.6	3:6029	2,4623	3,4660	10-150-6-2	3 - 4660	1
1	MICH OLSEN & DOOR	9-5339	5-4865	3.4735	2.4500	3,5018	3.4952	3-5125	345063	2.0313	S-5000	0.5900	10 20 7.5	3.5500	1
	ECN 0.3ES EST	3/4873	8.4532	3-6782	等一百至年五	35-6732	3,3673	3-4712	9.5866	2.0799	27-5050	3-36-2	0.2176	3,8733	1
	ECN G. SEY SEV	3.3210	8,9528	5.3129	3.5250	9.4862	3,5856	2,4855	3,4606	2.4721	8,4428	3,4852	68, 62,68	8,4935	i i

| CRITICAL DURATION : The critical duration for the 0.557 AEG is the ensemble EDN 0.557 207.
| The median pattern for this ensemble is storm 0 (storm name : ECN 0.557 207.8).
| The pattern with the greatest class dates Elevation for this ensemble is storm 0 (storm name : ECN 0.552 207.3).

AEF: 19 - Max Water Elevation (m)

- ADDRESS OF THE PROPERTY OF THE PARTY OF TH										COLUMN TERMS				
# Ensemble name	Storm i	Storm 2	Storm S	Storm 5	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 10	Average	Std. Dev.	Nedian	1
* REAL PROPERTY AND A STATE OF THE STATE OF	THE PROPERTY OF THE PARTY OF TH	TARRANCO CONTRACTOR	CONTRACTOR	WINESTERN PROPERTY	CONTRACTOR CONTRACTOR			OKATAPSKOPA	STATES THE PARTY	MARKATARANA		025757777777		Sancorous automateurous S
ECN ipct lösin	34,4583	52-9354	3.4954	31,40250	20、黄色500	32-30755	SLAPSE.	28,59775.51	2-8700	35-413/2/3	3.0750	DC = 450,400 M	3 - 63550	1
SCN 1pcs 12hr	3,6600	3.6666	5-8248	3,8255	8,8887	9.8679	3.6622	3,68,98	3,6980	3,7556	3.7669	0.6986	5 - 6070	i
ECN Ipct 15min	5-3265	3,9870	3.5261	3,5280	3.5278	3,3267	2.5253	3,5276	3-5268	3,5239	3.525.6	0.0005	3-5266	l l
# ECN lpct 18hr	2,4270	5,0003	3,6259	31,6502	3,7411	3,7593	20,6372	31-6538	3.4587	3.6628	3.8572	29.00024	2.5396	E
# EUN Ipct I She	Jr. 4760	8,6665	3.6773	3-530	0.8745	2,8865	20.18年發展	51,4736	31上海南市区	2.67.38	3-5738	0.0003	2-6730	1
EGN_ipdt_lbr	0.6500	2.6601	25.553.8	3,4000	3,6858	0.8598	3-5572	2-7503	0.6579	26692	2.6386	9,555	2-83-61	1
 EXM lpct 28sin 	5.5294	3,555.6	3,0552	3. 5550	9,5559	0.5003	2-5257	29,53896	2-7556	3.47755	3-5505	@w. 800805	X - 35-765	1
BON 1pox 24br	3,6933	5.8230	3,6567	5,7298	8.6662	3,0493	3-8282	35,35,45	8.5368	2,5897	2-8542	0.0608	2-5577	
BON Ipot 25min	0.5760	3-5767	205046	3,5253	3,5766	345763	3,5758	3,5760	8.5782	2,5000	3,5784	Un E5003	3-2140	1
ECN Spot She	8-8934	3.6869	S=6829	3.0030	356659	54-59003	3:4859	3-1315	2-8997	Market State of the last	5.6632	Ov. BONG	2.4853	1
# ECN 1pc% 30min	3.5676	3.0000	2.6657	2.5562	3,5533	3.5937	3-3998	2,5998	3.5093	9,5960	3_5829	0.00006	3.5968	
ECN Ipcs She	5-7822	5.6899	3,7231	3-5773	25.8636	3:5772	3.8788	B. 6538	31.48年5月	2,7195	3,5850	0.8165	3-5789	J.
# EUN_lpot_dimin	3,6360	0.6835	3,46858	8,6236	3.4238	3,6336	2-42-62	2.6666	2-6337	2.6605	9-6218	09.0028	8.6355	
EUN ipot & She	3,7955	5.6936	3,8758	4-65-32	3.4500	3.45549	2.6614	31. 5352	3-8985	3.7628	3.7851	G-62 40	2-69-20-	
ECN Ipot 6hr	0.7658	3.6775	3.6735	8,6660	9,6659	3.6865	D.7616	20. 75.53	5-6592	8,6946	3-6509	0.8456	S. 939.7	
ECN ipct Shr	3-6676	3.6668	348522	3.543.0	25,7762	3,6436	7.165	3,9144	5-6650	經過便要決學	8 - 978-9	0.1006	3.6680	1
A SERVICE OF THE PARTY OF THE P	PERSONAL PROPERTY.	Children was to be the wife	NUMBER OF STREET	NAME AND ADDRESS OF THE PARTY O	CONTRACTOR STATE	PARTICIPATE PROPERTY AND A	PROBLEM SERVICES AND REPORTS	DESTRUCTION OF THE PARTY OF THE	CONTRACTOR AND ADDRESS.	Carlot by the service on the service of	STATE OF STREET	ALTERNATION AND ADDRESS OF	N. P. William Manager and Manager School Strategies	AND RESIDENCE OF THE PARTY OF T

	ARPI 20%	- MAR Water	Elevation (m))												
08	**************************************							DESIGNATION OF STREET			***********	PARTICIPANT AND		**********		100
	Encemble same	Storm S	S MEGS	Storm 3	Storm -	Storm S	Storm 6	Storm 7	Storm S	Store 9	Store 10	AVETAGE	Std. Day.	Median		- 1
36	et de communication de la project de contrata de la	School State Control	AND ADDRESS OF THE REAL PROPERTY.	and the second second	lensionine minima in	DESCRIPTION OF THE OWNER, THE OWN	action/statement and	Scharptings inner	CONTRACTOR OF THE PARTY OF THE	were and a few parties of the con-	enemant at the second section of the section of the second section of the section of th	THE PROPERTY OF THE PARTY OF TH	OWNERS AND ADDRESS OF THE PARTY	and the second s	DOMESTIC STREET, STREE	CHARLE
Ħ	CON 10pct 10min	3.3335	3,3356	3.5988	3,2558	9.1363	3.2953	3.2900	3.3663	3,3957	9.3866	3,3960	0.0000	8.7560		li li
×	ECN 10pcs 12hr	3-3850	9.6889	3,5338	3-5662	2.5249	3:3593	2.5637	2.5662	2.5872	3,9687	3-0397	0.2336	3,5456		- 1
- 8	EDM 10pct 15min	3-6536	3.4438	20. 化邻亚胺	3.6848	3.4267	3 - 24 - 2	3-4848	2.5567	3,8950	27.6450	3,8883	9.0005	7-8488		1
- 1	ECM 10pct 18hr	0.5646	3.5250	0.0018	34,45000	9-5605	2.0360	0-4961	2,4922	8-5047	3.5728	3-1879	9,6570	7-5955		- 1
- 1	BGN_TOpot_I_Shr	9-9634	9,5036	3,5952	2.5749	3,5096	3.3883	2.8785	Dr. Service	8,5867	2.5278	5-5982	0.4026	5-1850		- 1
- 8	ECN 10pct lhr	3.0646	3.2677	8,5603	3,3699	3.5629	3.3638	3,2920	9-1436	3.5697	3,5503	3.9840	9.8029	3,9690		- 1
- 1	ECM Seport 20min	3.5560	3-4730	3,4783	3.37.93	5,4749	3,4340	0.4733	3,500	2-4794	是由國際政治	2 - 9791	9,5002	$2 - 963 \pm 0$		- 1
- 1	ECN 10pct 24hr	S. 688X	2 - 373 93 3	2-1404	3 4 9 2 5 9	0.4950	3.4243	5-6033	2,4643	5-4685	3,4960	2-5029	0.5780	3-8690		- 1
	ECN 10pct 25min	5.4930	2-6955	3-4849	3×4950	3.4895	5 4950	3.4859	3-1850	2.8859	3,4933	3,8952	8,0503	2,0923		- 1
Ħ	EUN 10pcs 2hr	9-9908	3.5983	2.5788	3-3350	0.5913	3.9577	3.5241	3, 2970	2,5571	3.5540	0.10007	0.0577	8.5986		1
R	ECN 10pct 30min	8,3509	3-2155	31,83,98	2.5330	20.5242	27 - 58 8 6	3:5115	3,5393	3:5260	35-5518	0.5525	0.0084	3:5335		ě
- 1	ECN 10pct 3hr	0.0008	3.5798	2,0821	8.0973	3,5999	2.1980	2,4049	3.5370	2-6993	3,6103	3,5939	0-14.63	3.6975		- 1
- 1	ECM 20pct 45min	3,5457	3,9638	3,5418	3.5598	3,5518	3,1443	8.5918	3,5433	8,8410	3,5426	7,7442	9,9634	3.5495		- 1
- 1	ECN 10pct 4 5hr	0.5034	5,6450	0.5868	9.5066	0,6683	3-6974	2,5815	31, 3473-2	2.5970	3,6193	3,5630	W. 4550 S.	3-5005		- 1
- 1	ECN 10pct 6hr	0.6886	8.5574	0.5422	2,5600	9,5943	0.5683	25.5759	37,6260	96090	8.5939	5.9529	2,3236	8-2759		- 1

ECH Open Chr 0.6376 3.5574 3.5771 3.5772 3.5773 8.5523 3.5933 9.5738 3.6280 3.5893 3.5893 3.5833 3.5

ARF: 50 - Max Nates Elevation (n)

(N) (28)		STATE OF THE PARTY.	THE RESERVE OF THE PARTY OF					A							***************************************
	Ensemble name	Storm 1	Sterm 2	Storm 3	SENSE S	Stom 5	Storm 6	Steen 7	Storm E	Steen 5	Storm 19	Average	Std. Dev.	Nedlan	1
(2) ba		NAME AND ADDRESS OF TAXABLE PARTY.				**********	**********		**********	*****	THE RESERVE AND PERSONS.	ER * 25 D D D D D D D D D D D D D D D D D D	CONTRACTOR OF STREET	***********	Consideration
	ECN 2per 10min	2-4540	0.4500	3,4525	3-01-09	35.4540	3,4583	5-850E	3,4537	5 5 5 5 6 5	2.4535	0.4598	6-8669	2,4349)
	ECN 2pct 12hr	De 6036	5,4389	2.000T	3,8160	3.7807	3.5750	2.0107	3.7536	0.8500	3-7066	8-8354	FR 5540	8,5733	j.
- 1	EGN_2pct_1tein	3.0949	3,2557	29,359.30	9.0503	9.5653	3,9944	0.5698	3,5049	9-5602	30-2006	3-5969	30,0005	8.5680	1
	ECM 2pct 18hr	3,9915	3.5675	5.6928	8-6160	2,6956	3,6538	2,6039	2.6174	9 - 62030	8.6878	3.8897	01-2557	3.8135	1
	ECN 2pct 1 5hr	J. 5303	3,9551	3.6493	2,9493	3,6463	2,6589	0.5528	2000000	8,9907	2-6572	3 - 201400	0.8989	7.6543	1
- 1	ECN 2pct Thr	0.6832	9 - 6346	3,6278	3.45898	2.4220	3.6283	9-8308	Dr. TR 93	2.6550	3,6357	3-6999	0,2028	$R_{+}6260$	1
- 1	ECM 2pcs, 20min	9-5550	9 + 9250	2-3339	30,500,7	3,5852	0.3350	2,5350	72.5358	2-2542	25-5257	3-5350	0.0003	8-5250	1
- 1	80N 2pct 24hr	3-6172	3.5897	2,8395	8,46935	2,8233	3,5583	3,5796	32 2205	3,3900	2,6567	3-2952	的一位位为古	3 : 6029	
Ħ	EUN_2pct_25min	9,5846	5.5550	3,5852	3.5555	3,3853	0.0000	2.5548	3,4854	2:5551	3,5555	3.5999	0.9593	2,3533	1
- 8	EGN 2pct 2hr	29,0550	3,6555	3.6332	3,8342	3,6508	3,6583	2,6032	3,4575	3,6696	3,0734	5-45-55	0.9858	2-6567	
	ECM 2pck 30mln	3,3731	3.6793	3-1731	31.5000	2,5697	3.6590	3,5892	3,5436	3.3743	3-5-792	3.9703	69-1952/6	3.3729	1
	EGN 2pct 3hr	3.0575	0.5633	3,63773	3-6100	3-6013	3 4 6 7 9 9	2,4491	2,6664	8,8416	S-684.42	3.8389	49.81.25	2-5657	1
- 1	ECK 2pct 45min	2.6588	0.4951	9.5097	0,48839	2,663.2	3.5000	8,6089	3-6942	5.9286	8,6092	3-5680	84.5024	8 < 9000	1
	ECN_Spot_4_Shr	Da 55.97	2-8269	2.5547	3-5275	9-6298	22.5454	2,3420	21-12-20	8-8649	07,713,77	3 - 60 99	0.3206	8 - 59 5 8	1
- 1	ECN Spct. She	0.7878	3.6673	300000	31,6338	0.4388	3.4533	9,9159	H. TORR	2-8313	20-00002	3-8686	49, 95.75	2 - 45 (15)	,
- 8	EGN 2pct Shr	5,4510	3.6367	3,6806	3,6050	3,7257	3.0358	3,3649	9.5030	3-5557	5.6393	3.6423	0.0103	5.4376	1
(H) 100	CONTRACTOR		ATT MANAGEMENT AND ADDRESS.	STATE OF THE OWNER, WHEN STREET	CONTRACTOR STANFARDS	Commence of the Commence of th	NAME AND ADDRESS OF TAXABLE PARTY.	THE RESERVE OF THE PARTY OF THE	CONTRACTOR CONTRACTOR	DESCRIPTION OF STREET ASSESSMENT	CONTRACTOR OF STREET				

: CRITICAL DURATION: The critical duration for the GR AEF is the ensemble ECR 2ppt 2hr.

I The median pattern for this ensemble is storm S (storm name: ECR 2ppt 2hr_6].

I The pattern with the greatest **GEX** Mater Elevation** for this ensemble is storm IS (storm name: ECR_2ppt_2hr_10).

ABF: 50 - Max Mater Elevation (s)

Consensation				W-Y-T	THE STREET, ST	244423474747		LIVE DATE OF				and the state of the state of	WEST DEVIATION OF THE	*1-07-1-100	Series and a series of the series and series are series and series and series and series and series are series and series and series and series and series and series are series and series are series
	nsemble name	Storm L	Stem 2	Stom 3	Sterm 6	Steen S	Stem 6	Stem ?	Storm 8	Stein 9	Storm 18		Std. Cav.	Median	į.
	N_Spot_19min	0.4022	5.4222	3-4221	9,8259	8,4225	8.4323	3,4230	3,8259	4,4392	2,4539	3,4220	9,9565	8-3220	1
	CN Spot 12hr	0.5849	0.0999	3.5926	3.5906	3-5767	2.5490		2-6687	2-6274	21,450,54	3.2530	0,0003	8,5926	i
	N Spot ISmin	3,4789	5.4710	9,4958	3.6589	2,475.9	5.4772	8-4720	2.6737	2,4150	8-4723	5-9725	0,5055	5-6724	i
	CN Spct 18hr	0,5850	5.5538	9.6492	2,5275	5/2501.9	3 - 50400	3,5343	78+5288	9-345P	2,50,95	3,5672	(D)。10.3-25.5	8.5532	i
8 00	N Spot 1 She	2-6052	图 2 经基础证	8-4075	8,49954	9-8325	01.411.60	8-83.09	25.453.00	8.6368	高。600000	3-6237	(8) v (80 d) S	图 。 图 2 图 2 图 2	i
1 1	DON Spot like	3,6023	3,5967	37.55922	3:1102	9,501.0	3,5943	2,5915	She Street, I	2.5950	31,5833	3-5960	De Charle	2:5700	1
1 EG9	N Spot 29min	5.5888	5,5933	9-5630	7,5939	3,5833	2,5030	3,5026	31,5030	3,5033	2,5023	3,5829	0.4800	3.7030	i
1 65	CN_Spct_24hr	8.7598	3.4632	3.3786	3,4922	3.5775	2,5370	3,8512	3.5243	3,5000	0.5288	3.5329	0, 20,00	9.5510	1
	N Spot 25min	3.5945	3.5357	9,3259	3-1281	8.5299	3-5249	29.0242	3-5257	3-52958	3.3247	3 - 5264	0,5000	8-1985	1
	EOM Spot 2hr	5-5264	0.8286	3.6980	9-9953	8-1043	3.5000	2.6562	26. 62.50	8,4295	8,6256	8 - 629 9	0.000	8.6239	
E.05	M_Spot_Numin	5.5859	0.5335	3.5359	2123324	9-2599	3.7059	25 - 15 25 25 27	2.2470	8-5338	2,5200	3.5275	69,000	0.7970	ı
	DOM_Spok_She	9.6139	2-8136	Da6155	3 x 10 7 1 5	等。福利保护	2,3929	2,8278	31 × 200 200	8-8909	3-5250	5,8274	10 a	8-5000	1
	N Spot dimin	3.5000	8-5740	5,8455	2.3000	8-6715	3.9008	8,5719	3,5339	20. 数据证明	Sec. 250.00	9.5722	(0) x (0.00 (0.00)	2.0320	1
	N Spet 4 Shr	3-4582	5-5739	3-6224	31.19.25 5	3,6029	3,9195	7.8193	3,4252	20-8332	3-4763	3.8269	0.0215	3.4198	1
1 1	DON Spot She	3,4557	3.0934	37.00000	3.5353	3/- 92/97	3,3962	32 - MEDISE	31-12-12	3 -9369	3.4210	0.8972	0.2333	3.6195	1
	BON_Spot_Shr	0.6635	15 - 800 (12)	8.6218	272836	3,5267	3.5534	3.8082	3.2530	3:8252	3.5833	3.5050	0.0177	2:004.0	!

I CHITICAL BOATION: The critical duration for the DA AEP is the ensemble BON Spot Dr. 18 CHITICAL BOATION: The critical duration for the DA AEP is the ensemble BON Spot Dr. 18.

The secing pattern for this ensemble is storm & (storm and : BON Spot Dr. 2)

The pattern with the greatest CHAN Hater Elevation for this ensemble Is storm 10 (storm name : BON Spot Dr. 19).

AEF: 63.2% - Max Water Elevation (n)

Energy Store Sto															
ENN 63pet 18min 5,5525 5,5505 5,5505 5,2505	Sweenenstandersweetens	MARKET SERVICE	446200314404												
Erth Gaper 1 Healan 5,5025 5,5010 5,5	Ensemble name	Storm 1	STORM E	Storm S	Storm 2	Stoms S	Storm 6	Sterm 7	Storm 8	Storm 5	Storm it	Average	Std. Dev.	Median	
UNIX Object Librar	Reason of the same and a section of the same		NAME OF STREET OF STREET	SOUTH THE RESERVE STREET		CONTRACTOR STREET	word in the strings in the sec		CONTRACTOR OF STREET			COLUMN COLUMN			a ment the attention of each entraction that was
CCN Cape The 0.5401 0.5500	ECN 63pct 10min		2-3500	8-3590	5,3009	2.3029		3.8858	3,5756	8-3528	39,350,28	3,5046	0,0028	2,2329	
CCF Chycl Thre	REN 63pcs 12bc	2,4073	2.6500			9.3821	St. 367, 360		28 x 1973 (5.54).	第一届新杂货	3.4622	0.00	原用原理服务	8.4242	
Control Consect Subsect Subsec	ECN 63per 15min	300 300 23	3 - 23599	Ba3339	2,3399	20 . 10 10 10 10 10 10 10 10 10 10 10 10 10	8,0483	3,3869	2,3369	3-3389	3,3412	3 - 32536	80 m Self 3 50	8-3593	
ENR Spect_Thre	ECM E3pcs 18hr		3,03345	8,5854	2-3760	24,250,870		20,3482	2,3836	2.3873	3,3050		01,03342	7,3500	
SAN Gipert 20mids	ECN 63pct I 5hr	0.4361	3,43/16	2.4550	3.4578	8.4587	7. 3567	22-4567	3,4500	2-6550	2,4599	2-9579	9.0899	3-8567	
SAN Gapet_Zimide	ECN 63pct the	2-3330	3.4386	3.4421	21-9303	3.4389	3.4345	22,03003	5-4357	3-8297	30,4278	3.83%	0.4655	3.8307	
Man Spect, Finds			3.2650		3.3626						2,3448		0.0010		
EDN 60per_2he	BON 63por 24br	3,3543	5.3000	3-3678	2,3369	7,3821	3,1429	7,2407	7.2555	0.0452	8.0555	3,2619	0.0000	9.3825	
CON Circ. Incident P. 1865 1.	ECN 63pot 25min	0.0023	3-3926	3,2631	3,3923	3,3519	3.3500	2-2900	8,3628	8.3601	0 - Stage	8.9598	0.0030	3.25.0	
### \$500 \$50000 \$1.600	BECN 63pcc 2br	0-4879	3:4567	3.4599	300003	2,4913	3:4500	0.4302	20.4664	3-8500	2:4667	3 - 9698	0.0056	3-9550	
#CCM Gipet 45min 3,4214 5,6204 2,6203 3,4206 3,6225 3,4210 3,4226 3,4210 3,4210 3,4213 3,6223 0,0007 9,6225 800 800 800 800 800 800 800 800 800 80	SCN Sipon Sonin					9-3934							61. (20:510)		
BUNDERDON 1.6807 3.6809 5.4313 2.4809 3.4809 2.6807 2.4840 3.4802 3.4820 3.4820 3.4840 0.680 0.680 0.4800	ECM 63pcs 3hr	8.4509	8.4377	5,4905	8-4358	2-4688	3,4885	3-4556	314 6 6 5 5 5	3.277.2	型。4百名	3-4617	0.20.52	2 - 645(5)	
	# ECM #3pet #5min	5.433.0	9,6200	3,6203	3.4200	26-40025	3,4216	9.4221	34,4236	21,423.0	3,4213	5-0200	101-6598(18	3.4215	
1 400 4760 0m 5-4509 (1.6000 5.4255 3.4500 3.4500 5.4507 5.4507 5.4507 5.4507 5.4507 5.4507 5.4507 5.4505	# EGN 63pct 4 5hr	2.6627	3:4399	3-4313	3,4390	354833	2,4597	0.4660	364582	3.8625	24,6561	0.6550	0.0146	26,000,417	
	# ECN 63pct Shr	56,4800	(5 - 603783)	0.0255	3. 3400	3.4303	3140387	2-4277	3.40026	2:4307	No. 0. 20 (1975)	3,4360	0.0087	2.4285	
■ BONGTion Date 0.4010 2.4010 3.4010 3.4017 2.4020 2.4021 3.4020 3.4021 3.4020 3.4020 3.4020 3.4020	ECN_63pct_5hr	3.4926	9-6980	3:4599	3.6726	2-4887	3,6620	2,4353	244559	3,4278	2.6174	3,4600	間、英変変要	8 - 4095	

| GRITICAL DUMATION : The critical duration for the 69.25 AEP is the ensemble DEM_Glapt_Zhr.
| The median pattern for this ensemble is storm to (storm name : ECM 63pet Zhr 8).
| The pattern with the greatest **Commission** For this encemble is storm 7 (storm name : ECM 63pet Zhr 7).

Page 478 **Attachment 6**

INNOVIE ENSEMBLE STATISTICS UTILITY (c) Innovyze 1939

Summary informations

Total No. of Erosebles: 532 No. of Storms per ensemble: 70 No. of ADP Goods: 7 Object Name: Site Result type: Hax

Ensemble name	Storm S	Steen 2	Stoom S	Storm 6	Storm S	Storm 6	Sterm ?	Storm 6	Storm 9	Storm 10	Average	Std. Bev.	Hedian	1
# EGW 0.557 15660	5,2653	311650	2,2555	2.3659	3,1656	3.9555	3,2612	3,3572	2-1550	3,3462	3.9750	81-5002	3.8562	1
ESN 0.389 1287 ESN 0.287 13630	9-0162 9-8694	3-2362	5.2018 5.1062	3,2995 8,3656	9,3974	3,2565	3.1968 3.1968	21.084374 21.084374	8-1805	2.2275	5-1559	0,0167 0,0665	2.5379 2.1865	1
BCN 0.215 1952	2.2128	3.2036	3.2579	8.2045	8,1989	2,3941	3-2009	3.1702	8.1991	2,1768	3-2010	9-6215	3,1200	1
CCH O.SEV I She	3-2511	3.2273	3.2356	3.2000	562347	3.2302	2.0206	31,2293	5-2299	36.0000	3-2300	0.1019	3.2580	į
ECS 0.227 The	3.7218 5.7902	3.2226	3,2230	3.2220	9-1948 9-1966	3.2206	9.2237	342421	3.2332 5.186a	37.3830F	3.2220	01_0505 01_0501	3,3220	
BEN G.027 Seco	3,,2698	0.1825	9-2021	2-1969	39,2933	3,3958	2,8989	39.00020	8,1884	31,945,73	8,5930	10,000,740	8.4930	i
ECN 0.0EV DESIGN	0.2948 8.2782	3,1969	0.1567 0.2280	2,1957	8.1500	2,2969	2,3665	3,2925	2,1570	2.2544	3,1909	0.6603 0.5083	2,1959	1
600 0.757 38635	3,1933	9.2020	0.2818	3.7010	3.7523	3-2600	9.293.0	3,9023	2,2619	8,21116	3-2026	9.8668	2-2010	j
ECN 0.257 354 ECN 0.257 4564a	3.827d 5.2173	3.2238 5.2158	3-3356	3,2224	9,2929	2,2926	3,225	2,2290	5,2365	3,9105	5.2525	91.6935 91.6935	9.2500 2.0000	!
6CH 0.207 0 58c	0.2419	8-2295	2-2269	2-2206	9,9293	3,2366	3,2333	322308	3-2556	3-9528	3-1293	0.0082	2.2300	i
ECN 0.2EY She	5-2300	3.3112	3-2329	3,2361	2.2128	2.2177	2,2198	2,2351	3.8987	5-2411	3.2234	60, 2070	3, 2213	į.
ECN 0.225 564	9.2573	3.2127	3.3361	3.2096	3,2257	5,2365	2,2256	3.2108	2,2128	3,2178	5,2259	0.7102	373523	

CRITICAL BURATION : The critical duration for the 0.222 AEF is the ensemble BCN 0.229 Ehr.

The median pattern for this ensemble is storm F (storm name : BCN 0.229 Ebr.).

The pattern with the greatest come Mater Elevations for this ensemble is storm 7 (storm name : BCN 0.227 Ehr 7).

Ensemble name Storm i Storm 2 Storm 8 Storm 6 Storm 7 3:00m B 2:222 2:22 Storm 9 Storm 10 Average Std. Sev.

| CRITICAL BURATION : The critical duration for the G.SFC AEP is the ensemble CDN 0.5ET PDF.
| The median pattern for this ensemble is storm 0 (storm name : ECN 0.5ET PDF.)
| The pattern with the greatest CON Ester Elevation for this ensemble is storm 0 (storm name : ECN 0.5ET PDF.)

	AEF: 59 ·	- Max Water !	Elevation (m	3												
Parison		THE PARTY NAMED IN	STREET, SQUARE, SQUARE,	STREET, SQUARE,	oracini ni	CHARLES AND ADDRESS OF	CONTRACTOR AND ADDRESS.	*****	Colombia de Maria de Carlos			STATE OF THE PARTY NAMED IN		STATE OF THE PARTY OF	ni, kondelen in kennen med bereken men mi	10
N .	Ensemble name	Storm i	Storm 2	Storm S	Storm 0	Storm S	Storm 6	Storm ?	Storm S	Storm S	Storm 50	Average	Std. Dev.	Nedlan		1
Same		TERRETARINA TERR	STATE PROPERTY.	PERMEASURE		*ZTUULDAN TORA			**********		ROMERTHOUSER		220000000000000000000000000000000000000	STEPPEDENTATO		80
	DOM Spot Limin	0.2940	5-2955	55定有要求	3.2003	8.9900	2.45040	5,2957	2,2069	5.2075	37 - 120 500	3.2059	E-2019	8-2036		1
1	SON Ipcs 12hr	9.0655	2.5%的	9.13539	3.2676	8,30,98	9,2489	3.2595	3.3280	3,2966	342988	3.3778	0.0201	3 . 2743		į.
8	ECN Ipct 15min	5.1834.3	8.3338	3.2103	2.2222	3,2255	3,2229	2.2205	3,2255	5-2235	Charles and	3,2210	0.0000	3 - 2235		Ĭ.
li .	80N lpct 18hr	3,2550	0.2455	3.2998	3.2631	3-2703	2-2760	25,6596	31-2622	3,2653	37-279 935	3-2551	29,000,000	2-2640		Ē
1	BON Ipct I the	2-2742	0.2017	3.3724	0.2768		3.2761	2-3790	9.2743	3-2063	27.27.50	3-3769	0.0033	7-5733		Ĭ.
i	EGN spct the	3.2750	2,2750	21,2655	8,2669	3.2567	0.2667	9-2702	3,2857	3.2983	2.2695	0.0000	9,0006	9-2075		1
1	ECM lport 20min	5-2338	8.5588	2,2382	3,2399	9-2329	3,2563	3-2825	20,000	2.250R	3,3850	3.2290	0,0000	2,750,740		i.
1	RCN 1pcs 24br	3,2636	5,8540	3,2483	8,5980	9.2659	3.8294	3-1956	2,0816	9,2293	2,2426	9,2582	0.45559	2,2399		i.
i	ECM Ipct 25min	0.2319	5.8429	8-2401	3.2625	5-2423	3,2453	3,2428	9,2409	9-2009	3,2658	5-2922	01m0035	3-2400		į.
ž.	ECH April 2hr	8-2806	54 - 20 7 7 (0)	3-2784	36.2778	0.5726	30a120419-0H	3.2752	STATE OF THE STATE	2 - 328274	Shalle & S.	5-2782	60 (2024)	2.2773		i.
ii.	ECN 1pct 30min	5,3956	51.0477	8-2525	2.2502	9-9599	3.6489	37.258.6	3. 2173	3.2529	9,0461	0.2568	6)(8)6578	3 25 500		Ē
8	BCN Spct Shr	5.0825	5:2700	3.2829	74 20700	2,2598	3.2726	3,9739	2.2434	3-2756	2.2654	3-2700	thv 835550	3-8755		ji.
1	BON_lpot_dimin	3,2617	0.2592	3.2622	3,2235	0.0610	3.2833	26.2522	25,25508	2-2022	37.0988	3.2610	0.0016	8.2619		E
1	ECN ipot & She	0.0918	3-2373	3.2715	8-2995	3,2976	2-2507	2,2433	3.2730	50-138-200	3.0988	3-8759	49-407-6	2-2367		į.
1	EEN took ohr	0.4932	0.2759	3,2788	8,2697	2,2986	3,2785	3,9983	3,2560	5.2677	8,2778	3,2804	0.8422	8,3790		i.
1	ECN_ipcx_9hr	3-2339	3.2759	3,7969	3,2586	S. 394 N	0.2330	2,2293	3,3518	8-9999	3,2639	8×8789	0.5570	3.0300		į

	AKPT 1996	- MAR WACEL	Elevation (m)												
00				SERVICE SERVICE SERVICE				OTTO STATE OF STATE			***********	ENGINEERS 2 MAY		STATE OF THE PARTY.		mark!
H	ence elderens	Storm S	Storm S	Storm 3	Storm 6	Storm S	Storm 6	SCORM 7	Storm S	Store 9	Store to	Average	Std. Dav.	Median		- 1
96	Characteristics (Control Control	rythiasachiasapaini	AND RESIDENCE OF THE PARTY OF T	automatica de la la completa de la completa del completa del completa de la completa del la completa de la completa del la completa de la com	entire content to	entrangua sorbe autob	AND OUTSTANDARD COMPA	SOLETH HOSE HORSE	and to design the contract of	were the control of t	scherostaton/en/a	NAME OF TAXABLE PARTY.	CONTRACTOR AND AND ADDRESS.	and the second second	CONTRACTOR STREET, CARROLL SAN	Carlo.
- 11	CON_10pct_10min	32783	3.5757	3.3353	3, 3340	2-1763	2.2762	9.1770	3-3784	3-1769	8.3377	3.1766	0.0000	8.8759		1
- 11	ECN 10pc5 12hr	9-3200	9.2099	3,0257	2,1256	3.0250	3.2452	20-2000	3, 2553	2.36LN	51,03.00	3.2303	0.2118	3.2229		- 1
- 1	ESS 10pct 15min	0.2690	3.5966	2.2656	3.7908	9-09668	3,9657	3,1900	34,84999	4-1416	37, 243%	3.3534	0.8659	7-1899		1
- 1	ECM 10pct 18hr	0.0504	3.2132	2.2657	3.2063	0.2216	3,2263	0.2091	29.2087	3-35500	3,2567	3.2295	D. U.S.	7-22-68		- 1
- 1	DON TOpot I Shr	0.40599	9,2422	0.0033	8-2354	8.3339	3.2488	27.6286	25,2400	9,2400	3.2423	3-2934	0.0057	8,3464		- i
- i	ECN 10pcs The	3.2346	3.2355	9,2327	5,3552	3.8337	3,3350	3-2353.	2,2348	3.3/3/04	3,2334	3.2244	9.6512	3,2946		- 1
- 8	ECM 10pct 20min	3.3994	3,1253	3,5995	3,2000	9,3999	3.3553	3-1990	3,2917	3-2519	3,2994	3-1550	多人 万日の 分	2-1965		- i
- 1	ECN 10pcr 24hr	5-2569	5.5822	3.2259	2-1062	0.2084	3.2028	2-2461	3,5046	5-1257	3,2000	3-2516	0.0262	3-2865		i
i	ECN 10pct 25min	5-2065	3.5898	3-2767		3-2983	3-5060	3.2066	3,2046	2.3860	37.57883	3.2070	0.0011	3.2680		i
11	EUN 10pct 2by	2.2552	3.2345	2.0308	3:2395	3.3410	25-25-8-5	3.2495	3,2237	342449	27,4279 525	3-2436	0.0000	3,2642		1
i	ECN 10pct 10min	9-2126	2-5224	3.0124	20.2032	2,0520	0.0000	3,2123	3-2937	3.2233	22.27.67	3.3127	0-8603	2.3623		i
- 1	ECN_10pct_She	0.2356	3.2388	2,2496	8.2337	24.2882	2.8450	2.2469	3,2442	2-2435	39-95502	3.2477	9-8834	3-28339		- 1
- 1	ECM 20pct 45min	5,2263	3.0259	0.4262	3-2246	5,5296	3,2283	7.2573	2.2398	2.0249	2,2296	8-2260	9,5536	8-4259		- i
- i	EGN 19pot 4 Shr	0.2000	3.67.62	3-2339	24,283,08	9-9949	3 - 24 95	0.0793	3,2559	30,00000	3,2980	3.2460	原。包括花 卷	3-2399		- i
- i	SCN 10pct 6hr	0.0500	8,0300	2.2364	3.0000	9,2439	0.8292	92-5-67-5	2,2474	2,2660	9.5415	5.5950	25,0075	8-2590		- i
- i	ECN 10pcs, 9br	5,0419	3,2356	5,5098	3,2068	9-2459	27.023.82	3,5255	3,2272	5.2560	35.000 980	5-2552	(0. US 54)	3-2345		i

CRITICAL REMATION: The critical docation for the 200 AEP is the ensemble ECR_10pct_ihr.

I the median pattern for this ensemble is storm of twose mass: ECR_10pct_2br_41.

I the pattern with the greatest - CAR Mater Elevation> for this ensemble is storm in fature mass: ECR_10pct_ihr_10p.

ARF: 50 - Max Nates Elevation (n)

Consension name Storm 1 Storm 2 Storm 3 Storm 4 Storm 5 Storm 6 Storm 7 Storm 8 Storm 9 Storm 10 Average Std. Cev. Median	-	 											WHEN SHEET WAS A STREET		Yanan and a second and was a second
### SUN April 1840 3.1572 3.2572	- 1	Nedlan	Std. Dev.	Average	Storm 10	Steen 5	Storm E	Steen 7	Storm 6	Storm D	SCHEEL S	Storm 3	disease 2	Storm L	Expendir name
8 WW Zprd 12hr 0.250 5.266 7.2407 8.5740 9.3077 3.2273 2.5457 8.902 8.5752 9.2741 8.2757 0.5746 8.2745 8 DW Zprd 15hrin 0.217 7.8740 8.2140 8.2151 8.2753 3.2752 7.248 0.210 8.2850 8.2155 8.2257 0.2755 8.2234 8 DW Zprd 15hr 0.2327 0.200 5.2488 8.2565 9.2759 1.2752 5.2688 9.252 9.2525 9.2759 0.2240 0.4717 7.2516 8 DW Zprd 15hr 0.2329 0.4759 8.2850 0.2650 9.2651 2.2759 0.2765 0.2483 9.2527 0.2767 0.2240 0.4517 7.2519 0.4653	See and	 *********	THE RESERVE OF THE PARTY OF THE	A DE # 25 D D D D D D D		*****	RESERVED BY			*********	********			OR STREET, SQUARE, SQUARE,	Characteristics
DEM Aport Them	1								27.3000.0			5,2960			ECN 2prt 10min
t #CM Prof 18thr 9,2327 8,2990 5,3498 8,2905 9,2795 9,2795 5,2668 9,252 2,2595 9,2795 5,2240 6,4517 2,3510 8,000 5 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1	8-8285	100 to 10	8-2507	3 - 379 97	0.0002	35,3033	2000	3.2373	353377	2-5-12	3.2427	3.2551	0.2576	I USN 2pct 12hr
NON TOPE I AME 0.2529 3.2759 2.2528 3.2521 3.2529 2.2529 2.2529 3.2527 3.2537 3.2539 8.2528 2.2526	1	8-2993	10, 563.8	3-3807							2.2432				
	- 1	3,3416	0.0137	3-2384	8.2276	2 - 2522	9,9552	3-2488	3.2772		8,2309	5,2828	5-2360	39-2429	ECN 2pct 18hr
	- 1														BCN 2per T 5hr
	- 1	8-2546		3-2350	8-2596	2.2598	N. 2550	2,2662	3,2553	9.5573	0.4397	3-2542	9-9669	0,2549	ECN 2pct Thr
# MCM 29ct 25mln 5,2599 5,2592 5,5907 5,5259 5,2599 5,2590 5,2255 5,3350 5,2255 5,2255 5,2255 6,0057 5,9266	1														
■ MCW 2pcm 24br 0.5558 3:8690 2.2552 3:8880 2.2553 5:2550 5:2550 2:255 7:2556 7:2566 2:2200 7:5655 0:0555 7:5685	- 9									2,2539			3.8498		80N 2pct 24hr
I DEM Zapit_Zimin 3,2510 5,2525 3,2500 3,3528 3,2520 5,2500 3,2500 2,2500 3,2500 3,2500 3,2500 3,2500 3,2500 3,2500	- 1	2.3340	0.4634	3.2320					0.2368		3.2222				
I Min(2pin, 2km 0.278) 0.2789 0.2728 0.2700 0.221 0.2700 0.2700 0.2700 0.2710 0.2711 0.2711 0.2711 0.2711 0.2711															8 200N 2pct 2hr
http://doi.org/10/10/10/10/10/10/10/10/10/10/10/10/10/	1									3.5383					ESS 2pet 30min
BM/2pTc_Mr															# ESN_Spot_Shr
non apor 45min 0.2010 0.2000 0.2000 0.2000 0.3000 0.3000 0.2000 0.2000 0.2000 0.2000 0.2000 0.2000 0.2000 0.2000	- 1														
NCM_Yest_4_shr 0.2748 0.2660 0.2660 0.2660 0.2520 0.2620 0.2620 0.2620 0.2720 0.2706 0.2650 0.6070 0.2630	- 1														ECM 2pot 4 5hr
NGN 2pt. Net 3-2047 5-2040 5-2024 3-2029 3-2029 3-2029 3-2029 3-2020 3-2020 3-2020 3-2020 3-2020	- 1														
B NNCPpet_Bbr 5,2643 5,2591 2,2494 9,2685 3,2529 5,5643 5,2642 3,2498 5,2498 5,2490 0,8140 2,2269	- 1														

GRITISH DURATION: The critical duration for the GR AEF is the ensemble ESR 2pct 2hr.

I The median pattern for this ensemble is storm G (storm name : ESR 2pct 2hr.8).

I The pattern with the greatest clark Rater Elevations for this ensemble Is storm IS (storm name : ESR 2pct 2hr_10).

ABP: 50 - Max Water Elevation (m)

-	OF STREET		*********		SEVERIENCE	DETERMINATION OF	E TOTAL STATE OF		alers to proceed	***********	and some and a second	**************	net core at case to	
Ensemble name	Storm L	Stem 2	Storm 3	Sterm 6	Steen 5	Stern 6	Stem 7	Storm S	Stem 9	Storm 28	Average	Std. Cov.	Meddan	
ECN_Spot_10min	0.9856	3,1859	0.0951	8,3044	8.8849	8,2840	3,5871	3,2663	8-1939	2,2676	3,1961	0.5608	2.3855	
ECN Spot 12hr	38-2445	0.2798	2,2547	2,3394	3-248-6	2.0233	3,2502	3,2865	2-2508	39-2484	3.2627	69-38-2-3	2.2598	j
ECN Spot Youin	0,4994	9.1994	9.1356	2,2007	9,2865	5.9250	2,1287	St. 25/30	F-2027	9,2023	3.2500	0.5056	7-1660	
ECN Spct 18hr	2,2259	G.2567 G.2558	3,2922	2, 2235 3, 2428	3-0437	3.4585	3,2224 3,2567	3,2200 3,2506	8,2922	3,2513	3,2543	0.0559	8,2534	
ECN Spot libe	3,2336	3.2450	2,2431	No 27-26	2-2294	1,2400	2.893%	De 2355	2-2009	STATISTICS	3-2457	(F) of (SQC)	3-2457	
EUN Spot 20min	0.0899	5.0069	3-2119	7.2119	2-7993	3.2167	3.6305	3-1135	2.1227	2-2080	3-2167	0.4937	3-2963	i
ECN_Spct_24hr ECN_Spct_25min	9-3458	3-1777	3.5388	3,3369	3.3240	3.2369	3,6657	N. 22.96	2.2132	3-2237	3-2260	0.0000	9.3268	
EON Sect 2hr	3.2171 3.2171	0.0000	3,2555	2,2176	8-2167 8-2566	3.2967 3.2556	2.2171	3.2974	2-28-64	2.1213 2.2247	3.2580 8.2940	0.0016	8.2000	
EUM_Spot_Sümin	5.9249	0.2009	3-3247	8-2233	37,23539	3,38856	9.2242	2,2500	8-25-58	202270	5-32557	69,0000.5	8-1095	i
ECM_Spcc_Shr	9-2512	9-5598	B-2528	2-23/5	9-2539	2,2569	9-2578	3a 2992	S-RETE	5-2625	5,2325	· · · · · · · · · · · · · · · · · · ·	8-28-24	
ECM Spot 45min ECM Spot 4 5hr	3.2373	5-5078 5-3079	3,2866	3.2507	3,2463	3.2559	8,2527 9,2522	3×2599 Jr. 2234	0.2365 0.2599	3,2543	9,8909	0.0039 0.0039	3.2506	
ECN Spet Ghe	3-2430	3-3406	3.2483	3,3446	3-2559	3.3563	3,0500	3,2556	3:2598	3,7556	0.2539	0.0003	2,2548	i
EGN Spot She	0.2874	9-2805	8-2528	3.2833	9.2944	3.2837	3.9963	3.2398	3-2350	2-2627	3,2492	0.0061	9.2670	i

| CHITCAL BOOKTON: The critical duration for the SO AEP is the ensemble ENN Spot Jan. |
The social pattern for this ensemble is storm & (storm and : ESM, Spot Jan.) |
The pattern with the greatest - Char Water Elevation for this ensemble is storm 10 (storm name : ESM, Spot Jan.) |

MEP1 02:5	AN IN MAKE WATER	DE ETSAMFTSU	6113											
Switzenson and Australian and Australia														
Ensemble name	Storm 1	STORM E	Storm S	Sterm 2	Stoms 9	Storm 6	Stems ?	Storm 8	Storm 5	Storm it	Average	Std. Cev.	Nedlan	
Comment of the state of the sta					Committee of the commit	THE RESERVE AND ADDRESS.	****	CONTRACTOR OF STREET			COLUMN COLUMN	mir w mar wideling in a large of		to a sect the schedule of each or hast a part on the P
ECN 63pct 10min	3.3817	5-1433	9-2415	3-1052	9:1620	3,2422	3.3.952	2,2420	3-3469	2,2457	3-2499	0.000	更一直有可問	i i
ECN 63pcs 12bc	2,2706	3,1507	3.2576	2.2622	3,3524	3-5659	3,1691	2,9820	7-1325	G-RHES	3-5870	原如何文表示	2,2525	i
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Page 479 **Attachment 6**

13.6 - DEVELOPMENT PERMIT FOR A RECONFIGURING A LOT FOR A RECONFIGURING A LOT FOR ONE (1) INTO 77 RESIDENTIAL LOTS AND ONE ENVIRONMENT AND DRAINAGE LOT (STAGES 1-4), ON LOT 2 ON RP617670, AND LOCATED AT 1-41 NEVILLE STREET, MULAMBIN QLD 4703

1st Environmental Report

Meeting Date: 19 August 2025

Attachment No: 7





1-41 Neville Street, Mulambin Ecological Site Assessment

Client: Red Emperor Pty Ltd Project No: BE240146

Document No: BE240146-RP-ESA-01

October 2024



Document Control Record

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00	Initial issue	11.07.2024	GC/CK	СК
01	Revised to address Council and SARA information request & revised design	21.10.2024	СК	ск

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Executive Summary

Burchills were engaged by Red Emperor Pty Ltd to undertake an Ecological Site Assessment for a proposed residential subdivision at 1-41 Neville Street Mulambin, within the Livingstone Shire Council local government area. The proposed development comprises a staged 91 lot residential subdivision.

This report was prepared in accordance with the Livingstone Planning Scheme 2018 SC7.5 Environmental management planning scheme policy and State survey guidelines.

Field surveys were undertaken on the site in May 2024. A total of 94 species of flora were detected during the surveys, comprising 64 native species and 30 non-native species, two (2) of which are Category 3 Restricted invasive plants under the Qld *Biosecurity Act 2016 - Cryptostegia grandiflora* (rubber vine), *Lantana camara* and *Schinus terebinthifolius* (broad leaved pepper). Five (5) vegetation associations were mapped over the site:

- Vegetation Unit A Remnant Corymbia Melaleuca woodland / open forest RE 11.2.5;
- Vegetation Unit B Regrowth Corymbia Melaleuca woodland / open forest RE 11.2.5;
- Vegetation Unit C Regrowth Corymbia Melaleuca woodland open forest RE 11.2.5 with marine plants in ground stratum;
- Vegetation Unit D Remnant Mangrove woodland and samphire forbland RE 11.1.4 and RE 11.1.2;
 and
- Vegetation Unit E Anthropogenic grassland.

Vegetation Units A and D meet the benchmark structural and floristic criteria to be considered remnant vegetation. No State or Commonwealth listed EVNT flora species were observed within the site. Two (2) Special Least Concern flora species were observed: *Acrostichum speciosum* (mangrove fern) and *Livistona decora* weeping cabbage palm. These species are not threatened species but listed as Special Least Concern flora under the NCA due to collection pressure. *Acrostichum speciosum* is also identified as a marine plant under the Fisheries Act even when found above the high tide mark. This species is entirely within the proposed protected area. *Livistona decora* is present in large number throughout the site including within the proposed protected area.

Thirty-three (33) species of vertebrate fauna were observed within the subject site during surveys including two (2) reptile species, 29 bird species and two (2) native mammal species. No conservation significant species of fauna were encountered on-site, nor was any direct or indirect evidence observed that would suggest the site is utilised by conservation significant fauna species.

An assessment of the results of the desktop surveys and field investigations against the proposed development design indicates that the development is unlikely to result in a significant impact on values identified as Matters of National Environmental Significance (MNES).

Matters of State Environmental Significance (MSES) and Matters of Local Environmental Significance (MLES) as identified in the *Livingstone Shire Planning Scheme 2018 Biodiversity Overlay Code* mapped over the site include:

MSES: Remnant (Least concern Regional Ecosystems 11.1.2 and 11.2.5) vegetation that has
Essential Habitat values for threatened species including the Vulnerable estuarine crocodile
(Crocodylus porosus), the Endangered eastern curlew (Numenius madagascariensis) and the
Vulnerable Western Alaskan bar-tailed godwit (Limosa lapponica baueri); and

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MLES: Habitat and Vegetation - Native remnant vegetation (Regional Ecosystems 11.1.2 and 11.2.5);
 Local Biodiversity Corridors – sub-regional corridor; Wetlands and waterways – estuarine wetland on Mulambin Ck foreshore.

Surveys identified the vegetation in the western parts of the site provide habitat values for the abovementioned threatened species and significant values including marine plants, wetland buffering and biodiversity corridor function. This part of the site and the surrogate ecological values and functions, is proposed to be protected in an environmental reserve that will be restored as part of the proposed development including weed management and revegetation using species from the preclearing regional ecosystems.

Following a request for information from Council and SARA, the subdivision design was revised to decrease the development footprint and increase the proposed environmental reserve, providing enhanced protection of existing values and ecological functions (buffering and corridor functions). The proposed reserve protects a minimum of 30% of the site area, as required by *State Code 16 – Native vegetation clearing*.

The revised design reduced the development footprint, facilitating increased protection for mapped and ground truthed significant values including:

- Protection of all regional ecosystem types mapped over the site including Regional Ecosystems 11.1.2
 and 11.2.5 which provide habitat for the Vulnerable estuarine crocodile (*Crocodylus porosus*), the
 Endangered eastern curlew (*Numenius madagascariensis*) and the Vulnerable Western Alaskan bartailed godwit (*Limosa lapponica baueri*);
- Increased buffering to MLES wetlands along Mulambin Ck (minimum 100-200m); and
- Increased protection of habitat that contributes to a north-south sub-regional corridor that protects areas of local habitat as identified in the Livingstone Shire Planning Scheme 2018 Biodiversity Overlay Code.

In addition to the above mapped values, the site surveys detected diggings typical of the *Tachyglossus aculeatus* (short beaked echidna) within the site. This species is identified as Special Least Concern under the Queensland *Nature Conservation Act 1992* (NCA). It is likely that the proposed development will impact on breeding habitat for this species so it is recommended that a Species Management Program (SMP) be approved for the development prior to works commencing.

Recommendations for site specific impact avoidance, minimisation and mitigation measures during clearing, construction and operation of the development are provided within this document, including management of significant fauna, rehabilitation of the proposed reserve, vegetation protection, erosion and sediment control.

In summary, the proposed development will result in impacts on mapped and ground truthed ecological values however provided the proposal is developed in accordance with the recommendations of this report it is considered compliant with the applicable Performance Outcomes of State Code 16: Native vegetation clearing and the Livingstone Shire Planning Scheme 2018 Biodiversity Overlay Code.

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1. Introduction

This Ecological Site Assessment (ESA) has been prepared for a proposed rural residential subdivision at 1-41 Neville Street Mulambin (Lot 2 RP617670), within the Livingstone Shire Council local government area.

This report was prepared in accordance with the *Livingstone Planning Scheme 2018 SC7.5.5 Environmental management planning scheme policy – Ecological Assessment Reports.*

1.1 Objectives

The intent of this assessment is to assess the ecological values of the subject site, identify any potential impacts on these values as a result of proposed development, and recommend strategies to avoid, minimise and mitigate these impacts.

In summary, the objectives of this ESA are to:

- Desktop review to verify Local, State and National Matters of Environmental Significance (MLES, MSES and MNES) and other potential environmental values of the site and adjoining areas;
- · Site assessment including:
 - Ecological surveys consistent with Livingstone Planning Scheme 2018 SC7.5.5 Environmental management planning scheme policy – Ecological Assessment Reports;
 - Vegetation mapping including Regional ecosystem type classification;
 - Flora Survey consistent with the Flora Survey Guidelines Protected Plants (as required under the Nature Conservation Act 1992);
 - Marine Plant survey and mapping to verify location of protected marine plants;
 - Fauna habitat feature and function assessment including identification of significant habitat features / breeding places and functions; and
 - Targeted significant fauna surveys based on desktop review results.
- Ecological features map set (GIS) of survey results including vegetation associations including marine
 plant communities, mapped significant habitat based on survey results, significant features (e.g. habitat
 trees, nests etc) and functions and significant species records;
- Assessment of impacts of proposed development on MLES / MSES / MNES including marine plants and preparation of an impact plan based on the design footprint and survey results;
- Recommendation of mitigation measures to avoid/minimise/mitigate environmental impacts of development including opportunities for offset/compensatory planting / rehabilitation of mapped values;
- Assessment of proposal against applicable State and Planning Scheme codes and a review of applicable permits and approvals required to facilitate the development.

1.2 Site Context

The site is within the Livingstone Shire suburb of Mulambin, a coastal town located south of Yeppoon (Figure 1.1). The site is described as Lot 2 on RP617670, has a total area of 10 hectares and mostly vegetated with cleared tracks in the central and western parts (Figure 1.2).

Under the *Livingstone Planning Scheme 2018*, the site is zoned as Rural with the surrounding area to the north east and south zoned Low Density Residential and areas to the north west also zoned Rural (Figure 1.3).

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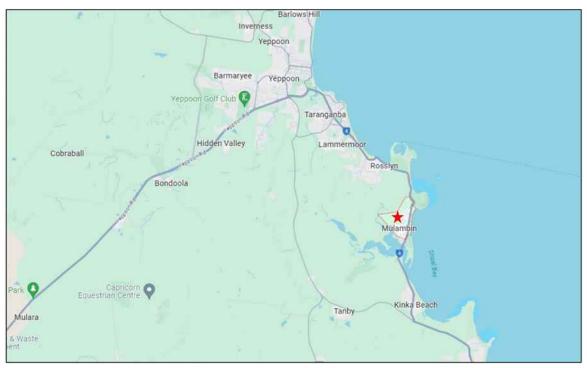
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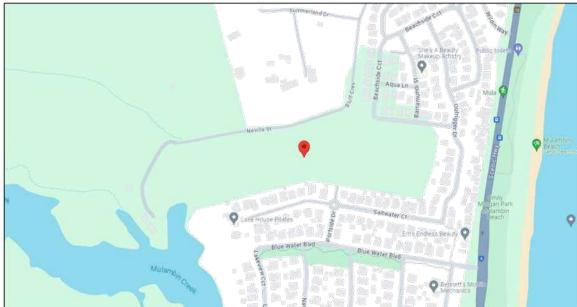


Figure 1.1 Site location context (Google, 2024)

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Figure 1.2 Site aerial imagery (Nearmap, April 2023)



Figure 1.3 Site and surrounding zoning (Livingstone Planning Scheme 2018)

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1.3 Development History

A development permit for subdivision of the subject site has been issued by Livingstone Shire Council in the past. The development permit issued on 9 February 2016 (Council Reference: D/74-2015) granted permission for the subdivision of the existing land parcel to create 62 residential lots and open space. An extract of the approved plan of development is provided below in Figure 1.3.

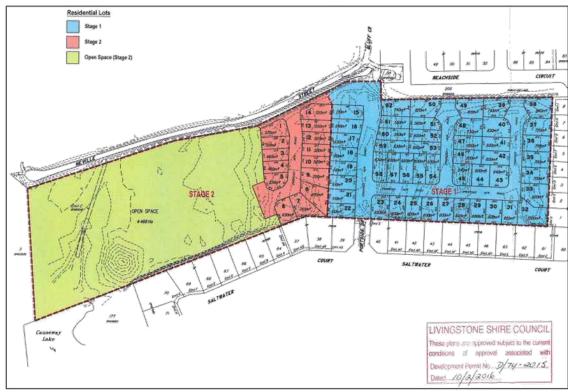


Figure 1.4 Previously Approved Plan of Development

1.4 Proposed Development

The proposed development comprises a staged 78 lot residential subdivision and a reserve in the western part of the site. The residential lots delivered as part of the subdivision are mostly $450m^2 - 600m^2$. Figure 1.5 below provides an extract of the plan of development prepared by Barlow Shelley Consulting Engineers. For further details, please refer to the full plan of subdivision and Preliminary Bulk Earthworks Plans prepared by Barlow Shelley Consulting Engineers included in Appendix A.

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Figure 1.5 Proposed development design (Barlow Shelley Consulting Engineers, 2024)

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LOT SE



2. Site Physical Description

2.1 Soils, Geology and Land Zone

The Geological Survey of Queensland mapping (QldGlobe, 2024) indicates that the local surface geology consists of 'Qhcb-QLD: Moderately well-sorted, fine to coarse-grained quartzose to shelly sand and minor gravel, silt, mud: mainly beach ridges and cheniers'.

This geological association aligns with Land Zone 2 under the Qld regional ecosystem (RE) framework for land classification described as follows: 'Quaternary coastal dunes and beach ridges. Includes degraded dunes, sand plains and swales, lakes and swamps enclosed by dunes, as well as coral and sand cays. Soils are predominantly Rudosols and Tenosols (siliceous or calcareous sands), Podosols and Organosols.'. The south-western corner of the site however falls within Land Zone 1 - Quaternary marine deposits (Figure 2.1).

Additionally, under the *Livingstone Planning Scheme 2018*, the site is mapped as being constrained by known actual or potential acid sulfate soils (Figure 2.2).

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Figure 2.1 Detailed surface geology above (Geological Survey of Queensland mapping, QldGlobe 2024) and land zone mapping below (Department of Resources, QldGlobe, 2024)

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Figure 2.2 Potential acid sulfate soils mapping (Livingstone Planning Scheme 2018)

2.2 Waterways, Wetlands and Drainage

The site's south-western corner adjoins the lower estuarine reaches of Mulambin Creek. Mulambin Ck flows southwards under the Scenic Highway causeway and into Shoal Bay. This part of the site is mapped as a Wetland under the Livingstone Planning Scheme 2018 Overlay Map 10 - Biodiversity Wetlands Waterways (Figure 2.3).



Figure 2.3 Wetland mapping in south-western corner of site (Livingstone Planning Scheme 2018)

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3. Desktop Review

3.1 Matters of National Environmental Significance

The Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) is federal legislation that provides a national framework for the protection and management of nationally and internationally important flora, fauna, ecological communities and heritage places, which are defined in the EPBC Act as Matters of National Environmental Significance (MNES).

If a proposed action is likely to have a significant impact on MNES it must be referred to the Australian Government Minister for the Environment for assessment against the EPBC Act. A significant impact is an impact which is important, notable, or of consequence, having regard to its context or intensity. All of these factors should be considered when determining whether an action is likely to have a significant impact on the environment.

The EPBC Act Protected Matters Search Tool (PMST) enables searches for MNES in a specified area. Results of this database search (using a 2km buffer from the site) identified:

- Two (2) listed threatened ecological communities may occur within the area:
 - Semi-evergreen vine thickets of the Brigalow Belt and Nandewar Bioregions; and
 - Poplar Box Grassy Woodland on Alluvial Plains
- 51 threatened species may occur within the area, comprising 13 threatened flora species and 21 threatened fauna species; and
- 58 Migratory species may occur within the area.

The large majority of listed species are shorebirds and marine species (eg marine turtles, whales, dolphins and sharks) because of the proximity of the site to coastal/marine habitat. Excluding these species leaves 28 threatened species. The results of the search are presented in Appendix B and Table 3.1 lists the 28 threatened species identified in this search that may occur within the site. An assessment of the likelihood of species presence on and / or near the subject site based on the results of the site surveys is provided in Section 6.1 and Appendix D.

Table 3.1 EPBC Act Protected Matters Search Tool Results

Scientific Name	Common Name	Threatened Category	Migratory Status	
Birds				
Epthianura crocea macgregori	Capricorn Yellow Chat	Critically Endangered		
Erythrotriorchis radiatus	Red Goshawk	Endangered		
Falco hypoleucos	Grey Falcon	Vulnerable		
Gallinago hardwickii	Latham's Snipe, Japanese Snipe	Vulnerable	Migratory Wetlands Species	
Geophaps scripta scripta	Squatter Pigeon (southern)	Vulnerable		
Hirundapus caudacutus	White-throated Needletail	Vulnerable	Migratory Terrestrial Species	
Neochmia ruficauda ruficauda	Star Finch (eastern)	Endangered		
Poephila cincta cincta	Southern Black-throated Finch	Endangered		
Rostratula australis	Australian Painted Snipe	Endangered		
Turnix melanogaster	Black-breasted Button-quail	Vulnerable		
Mammals				
Dasyurus hallucatus	Northern Quoll	Endangered		
Macroderma gigas	Ghost Bat	Vulnerable		

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Scientific Name	Common Name	Threatened Category	Migratory Status
Petauroides volans	Greater Glider (southern and central)	Endangered	
Phascolarctos cinereus	Koala	Endangered	
Petaurus australis australis	Yellow-bellied Glider (south- eastern)	Vulnerable	
Pteropus poliocephalus	Grey-headed Flying-fox	Vulnerable	
Xeromys myoides	Water Mouse, False Water Rat	Vulnerable	
Reptiles			6 Table 1
Denisonia maculata	Ornamental Snake	Vulnerable	
Egernia rugosa	Yakka Skink	Vulnerable	
Furina dunmalli	Dunmall's Snake	Vulnerable	
Plants			
Cupaniopsis shirleyana	Wedge-leaf Tuckeroo	Vulnerable	
Cycas ophiolitica	null	Endangered	
Dichanthium setosum	bluegrass	Vulnerable	
Eucalyptus raveretiana	Black Ironbox	Vulnerable	
Leichhardtia brevifolia	null	Vulnerable	
Macadamia integrifolia	Macadamia Nut	Vulnerable	
Phaius australis	Lesser Swamp-orchid	Endangered	
Pimelea leptospermoides	null	Vulnerable	

3.2 Matters of State Environmental Significance

Matters of state environmental significance (MSES) are a component of the biodiversity state interest that is defined under the State Planning Policy (SPP) and the *Environmental Offsets Regulation 2014* (Offset Regulation). A summary of MSES that may occur within or close to the subject site based on State MSES mapping is listed in Table 3.2.

Matters that are mapped as potentially occurring within or near the subject site are further detailed in the following sections.

Table 3.2 MSES and potential presence on subject site

Matter	Mapped on/near site
Protected areas under the Nature Conservation Act 1992 and Marine Parks Act 2004	Not mapped on site
Fish Habitat Areas declared under the Fisheries Regulation 2008	No
Wetlands mapped under the Environmental Protection Regulation 2019	No
Wetlands and watercourses in high ecological value waters identified in the Environmental Protection (Water) Policy 2009, schedule 1	No
Legally secured offsets as defined under the Environmental Offsets Act 2014	No
Threatened wildlife under the Nature Conservation Act 1992 and special least concern animals under the Nature Conservation (Animals) Regulation 2020	Yes
Marine plants under the Fisheries Act 1994 (excludes marine plants in an urban area)	Not mapped but part o site is in tidal area

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Matter		Mapped on/near site
	ays that provide for fish passage under the <i>Fisheries Act 1994</i> (excluding ays providing for fish passage in an urban area)	No
Regulat	ted Vegetation under the Vegetation Management Act 1999 that is:	Yes – Essential Habitat
a.	category B areas on the regulated vegetation management map, that are 'endangered' and 'of concern' regional ecosystems	
b.	category C areas on the regulated vegetation management map that are 'endangered' and 'of concern' regional ecosystems	
c.	category R areas on the regulated vegetation management map	
d.	areas of essential habitat on the essential habitat map for an animal that is 'endangered wildlife' or 'vulnerable wildlife' or a plant that is 'endangered wildlife' or 'vulnerable wildlife' wildlife prescribed as 'endangered wildlife' or 'vulnerable wildlife' under the <i>Nature Conservation Act 1992</i>	
e.	category A,B,C,R areas that are located within a defined distance from the defining banks of a relevant watercourse identified on the vegetation management watercourse and drainage feature map	
f.	category A,B,C,R areas that are located within 100 metres from the defining bank of a wetland identified on the vegetation management wetlands map.	

3.2.1 Threatened and Special Least Concern Species - Nature Conservation Act 1992

MSES Threatened and Special Least Concern wildlife under the *Nature Conservation Act 1992* (NCA) include species listed as Critically Endangered (CR), Endangered (E), Vulnerable (V), Near Threatened (NT; collectively 'EVNT' species) or fauna species listed Special Least concern ('SL') under the NCA.

The results of the MSES and Wildnet database searches indicate that the site may contain habitat values for five (5) threatened flora/fauna and eleven (11) Special Least Concern fauna based on historical species records as listed in Table 3.3. The complete results of this search are provided in Appendix B. An assessment of likelihood of occurrence for these species is presented in Section 6.2.2.

Table 3.3 MSES species historically recorded near subject site

Scientific name	Common name	NCA status	EPBC status	Migratory status
Threatened fauna		e=6		-
Calyptorhynchus lathami erebus	glossy black-cockatoo (northern)	V	None	
Crocodylus porosus	estuarine crocodile	V	None	MI-B/E
Limosa lapponica baueri	Western Alaskan bartailed godwit	V	V	M-C/J/R/B/E
Numenius madagascariensis	eastern curlew	E	CE	M-C/J/R/B/E
Threatened flora	-			
Cycas ophiolitica	Marlborough blue	E	E	
Special least concern fauna				
Actitis hypoleucos	common sandpiper	SL	М	MI-C/J/R/B/E
Calidris ruficollis	red-necked stint	SL	М	M-C/J/R/B/E
Monarcha melanopsis	black-faced monarch	SL	М	Migratory terrestrial
Myiagra cyanoleuca	satin flycatcher	SL	M	Migratory terrestrial

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Scientific name	Common name	NCA status	EPBC status	Migratory status
Numenius phaeopus	whimbrel	SL	М	MI-C/J/R/B/E
Pandion haliaetus cristatus	eastern osprey	SL	М	Migratory wetland
Phaethon lepturus	white-tailed tropicbird	SL	М	Migratory marine
Rhipidura rufifrons	rufous fantail	SL	М	Migratory terrestrial
Symposiachrus trivirgatus	spectacled monarch	SL	М	Migratory terrestrial
Tachyglossus aculeatus	short-beaked echidna	SL	None	
Tringa nebularia	common greenshank	SL	М	MI-C/J/R/B/E

*NCA Status: As listed under the *Queensland Nature Conservation Act* 1992: CR = Critically Endangered, E = Endangered, V = Vulnerable, NT = Near Threatened, SL = Special Least Concern. **EPBC Status: As listed under the EPBC: CE = Critically Endangered, E = Endangered, V = Vulnerable, M = Migratory Species.



Figure 3.1 MSES values mapped over site (DESI, 2024)

3.2.2 Regulated Vegetation and Essential Habitat - Vegetation Management Act 1999

The Vegetation Management Act 1999 (VMA), the Vegetation Management Regulation 2012, the Planning Act 2016 and the Planning Regulation 2017, in conjunction with associated policies and codes, form the Vegetation Management Framework. This framework regulates the clearing of vegetation across Queensland mapped as remnant or regrowth. The purpose of the VMA is mainly achieved through the classification of vegetation units and defining permissible clearing for each unit in accordance with its level of significance.

Under the Qld *Vegetation Management Act* 1999 mapping, the site contains 8.1ha of Category B Least concern Remnant Vegetation (Figure 3.2). This vegetation is mapped as having Essential Habitat values for *Crocodylus porosus* (estuarine crocodile) – Vulnerable, *Numenius madagascariensis* (eastern curlew) – Endangered, and *Limosa lapponica baueri* (Western Alaskan bar-tailed godwit) - Vulnerable (Table 3.4).

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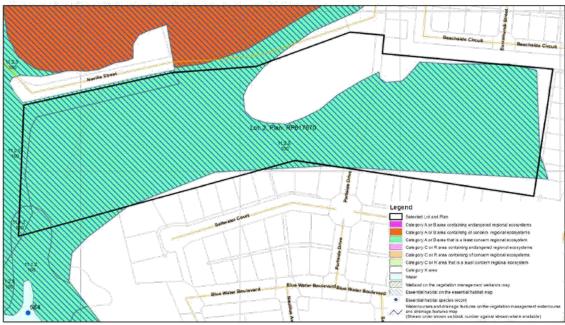


Figure 3.2 Vegetation Management Supporting Map (Qld Department of Resources, 2024)

Table 3.4 Regional Ecosystems and Essential Habitat mapped over subject site

Regional Ecosystem	VMA Status	Category	Area (ha)	Short Description	Essential Habitat
11.1.2	Least Concern	В	0.11	Samphire forbland on marine clay plains	Crocodylus porosus (estuarine crocodile) – Vulnerable Numenius madagascariensis (eastern curlew) – Endangered Limosa lapponica baueri (Western Alaskan bar-tailed godwit) - Vulnerable
11.2.5	Least Concern	В	8.01	Corymbia-Melaleuca woodland complex of beach ridges and swales	Crocodylus porosus (estuarine crocodile) – Vulnerable
Non-rem	None	x	2.36	None	None

3.3 Other State Matters

3.3.1 Protected Plants - NCA

The NCA and subordinate regulations protect flora and fauna native to Queensland. The *Nature Conservation* (*Plants*) Regulation 2020 regulates the clearing, growing, harvesting and trade of protected plants in Queensland. In most instances, commonly occurring native plants can be taken and used without a licence or permit. However, a licence, permit or authority may be required to take and use restricted protected plants. A restricted plant is a native plant listed as special least concern, near threatened, vulnerable, endangered or critically endangered under the NCA.

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The Protected Plants Flora Survey Trigger Map (PPFST Map) shows high risk areas for 'protected plants' and is used to help determine flora survey and clearing permit requirements for a particular location. A protected plant includes 'near threatened' and 'threatened' species. A 'threatened' species is defined a plant of a species listed as extinct, extinct in the wild, critically endangered, endangered, or vulnerable in the *Nature Conservation (Plants)* Regulation 2020.

Clearing areas shown on the PPFST Map as high risk may require either an exemption notification or clearing permit dependant on the results of the flora survey. If surveys verify that protected plants are not present or can be avoided by 100m, the clearing activity may be considered exempt clearing. An Exempt Clearing Notification form is required to be submitted to the Queensland Department of Environment, Science and Innovation (DESI) prior to the commencement of clearing. Clearing under this exemption must be conducted within two (2) years after the flora survey report has been submitted.

Areas of the site are mapped on, or within 100m from the Protected Plants as shown below in Figure 3.3. A search of the DESI Wildnet database was undertaken to determine which Protected Plants have been recorded in the local area. Two (2) protected plants were detected – each with one (1) record within two (2) km of the subject site. The results of this search are provided in Table 3.5 Wildnet Protected Plants Search Results (DESI, 2024) and Appendix B.



Figure 3.3 Protected Plants Flora Survey Trigger map (Qld Globe, 2024)

Table 3.5 Wildnet Protected Plants Search Results (DESI, 2024)

Species	Common Name	Status NCA	Status EPBC
Cycas ophiolitica	Marlborough blue	Endangered	Endangered
Paspalum batianoffii		Presumed Extinct	Extinct

3.3.2 State Mapped Waterways

No waterways are mapped within the site. Mulambin Ck which adjoins site's south-western corner is mapped as a Major Tidal waterway under the Fisheries Act Queensland waterways for waterway barrier works mapping, a second order watercourse under the VMA (for vegetation clearing purposes) and an unmapped water feature

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under the Water Act inland waters identification mapping layer. Permit implications under these Acts are triggered where works within or adjacent to the waterway are required to facilitate the development.

3.4 Livingstone Planning Scheme 2018 – Biodiversity Overlay Code

The Livingstone Planning Scheme 2018 Biodiversity Overlay Code identifies matters of environmental significance to be prioritised for conservation. The Biodiversity Overlay Code identifies matters of local environmental significance (MLES) for the site including:

- Habitat and Vegetation Native remnant vegetation (Regional Ecosystems 11.1.2 and 11.2.5)
- Local Biodiversity Corridors north/south sub-regional corridor (western part of site)
- Wetlands and waterways wetland (estuarine Mulambin Ck foreshore).

3.4.1 Habitat and Vegetation

The Biodiversity Overlay Code mapping identifies the site's vegetation as 'MLES – Remnant Vegetation Not of concern' (Figure 3.4). The alignment of this vegetation generally corresponds with the site's mapped regulated vegetation including Regional Ecosystems 11.1.2 and 11.2.5 as outlined in Section 3.1.

3.4.2 Local Biodiversity Corridor

The Biodiversity Overlay Code identifies a sub-regional corridor along the western boundary of the site (Figure 3.4). Local biodiversity corridors provide protection for wildlife habitat values in areas that may face development pressure. The corridors provide habitat connectivity to flora / fauna movement and migration. The site's contribution to this corridor includes habitat values within mapped vegetation including Regional Ecosystems 11.1.2 and 11.2.5 including estuarine wetlands on Mulambin Ck foreshore.

3.4.3 Waterways & Wetlands

The site's south-western corner adjoins the lower estuarine reaches of Mulambin Creek. This part of the site is mapped as a MLES Wetland under the Livingstone Planning Scheme 2018 Overlay Map 10 - Biodiversity Wetlands Waterways (Figure 3.5).



Figure 3.4 Biodiversity Overlay Map OM07 (Livingstone Planning Scheme 2018)

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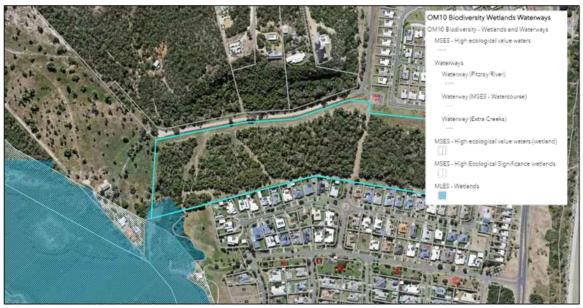


Figure 3.5 Wetland mapping in south-western corner of site (Livingstone Planning Scheme 2018)

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4. Site Surveys

4.1 Flora Survey Methods

To ground-truth the information obtained through the desktop assessment, Burchills ecologists undertook field surveys within the subject site during May 2024. Where relevant, observations regarding floristic values outside the survey area were also recorded.

The survey methodology was consistent with the Queensland Herbarium's *Methodology for survey and mapping* of regional ecosystems and vegetation communities in Queensland (v7.0, Neldner et al., 2023) and the *Flora Survey Guidelines - Protected Plants* (v2.01, DES 2020) and consisted of an initial visual audit followed by a quantitative assessment of vegetation associations and communities.

The site's broad vegetation types were characterised using the results of the desktop review including mapped vegetation communities, geology / soils and high-resolution aerial imagery. The initial visual audit consisted of timed meanders within each broad vegetation type to ground-truth desktop investigations and search for protected plant species (3 x 30 minute meanders total). Quantitative assessments were undertaken including structural formations (i.e. growth form, stratum intervals, crown cover and height) and floristic associations (i.e. species diversity) for each broad vegetation type.

Unless otherwise noted, quantitative observations were recorded as follows:

- Growth form determined in accordance with pp 88-93 Hnatiuk et al. (2009);
- Stratum intervals determined by recording the median height of each stratum using a hand-held clinometer. Strata were defined in accordance with Table 4.1 which is summarised from Hnatiuk et al. (2009);
- Stratum cover determined using a field estimation of crown cover in accordance with Table 4.2, which
 is reproduced from Hnatiuk et al. (2009);
- Diameter at breast height (DBH) measurements were taken using a Yamayo Enclosed Million 12
 Fibreglass Diameter Tape and a methodology consistent with Appendix A of Australian Standard
 AS4970-2009: Protection of trees on development sites.

Table 4.1 Criteria for Defining Vegetation Strata*

Stratum	Description
Emergent	Tallest plants in vegetation associations / communities that are so sparsely distributed that they do not form the dominant or most significant layer (e.g. large trees that rise above a distinct canopy layer).
Dominant or Upper Stratum	In most cases the tallest stratum will be the dominant stratum (i.e. except when emergents are present).
Mid-stratum	If present, this stratum is between the dominant (upper) stratum and the ground stratum. There are no pre-conceived height limits for this stratum. Where multiple strata are present between the dominant (upper) stratum and the ground stratum, the mid-stratum can be subdivided in order of decreasing height (i.e. the highest mid-stratum is termed Mid-stratum 1, the next highest mid-stratum is termed Mid-stratum 2 etc).
Ground stratum	Typically consists of herbaceous ferns, forbs and graminoids; although can also include juvenile species from other strata. The ground stratum can also be the dominant stratum (e.g. where grass cover is closed and trees are very sparse). There are no pre-conceived height limits for this stratum; however, it is usually less than 2.0 m tall.

^{*}Table summarised from Hnatiuk et al. (2009).

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Table 4.2 Crown Cover Classes

Criteria Assessed in Field	Description	Crown Separation Ratio	Crown Cover (%)	Foliage Cover (%)
Crowns touching to overlapping	Closed or Dense	<0*	>80	>70
Crowns touching or slightly separated	Mid Dense	0-0.25	50-80	30-70
Crowns clearly separated	Sparse or Open	0.25-1	20-50	10-30
Crowns well separated	Very Sparse	1-20	0.25-20	0.2-10
Isolated plants (trees approximately 100m apart; shrubs approximately 20m apart)	Isolated Plants	>20	<0.25	<0.20
Isolated clumps of two (2) to many plants approximately 200m apart	Isolated Clumps	>20	<0.25	<0.20
Emergent	Emergents	>3	<5 % total crown cover	<3% of total foliage cover

^{*}Where crown overlap occurs, the crown ratio has a negative value: the larger the negative value, the greater the overlap. Table reproduced from Table 17 in Hnatiuk et al. (2009).

4.1.1 Taxonomy and Nomenclature

Application of flora scientific names in this report follows the *Queensland Flora Census* (DES, 2023). Use of an asterisk (*) indicates the species is not native to Queensland or the local area.

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4.2 Flora Survey Results

A total of 94 species of flora were detected during the surveys, comprising 64 native species and 30 non-native species, two (2) of which are Category 3 Restricted invasive plants under the Qld *Biosecurity Act 2016 - Cryptostegia grandiflora* (rubber vine), *Lantana camara* and *Schinus terebinthifolius* (broad leaved pepper).

Five (5) vegetation associations were mapped over the site as shown in Figure 4.1:

- Vegetation Unit A Remnant Corymbia Melaleuca woodland / open forest RE 11.2.5;
- Vegetation Unit B Regrowth Corymbia Melaleuca woodland / open forest RE 11.2.5;
- Vegetation Unit C Regrowth Corymbia Melaleuca woodland open forest RE 11.2.5 with marine plants in ground stratum;
- Vegetation Unit D Remnant Mangrove woodland and samphire forbland RE 11.1.4 and RE 11.1.2; and
- Vegetation Unit E Anthropogenic grassland.

Vegetation Units A and D meet the benchmark structural and floristic criteria to be considered remnant vegetation. No State or Commonwealth listed EVNT flora species were observed within the site.

The following sections describe the vegetation structure and floristics of each of the vegetation map units including structure, floristics, condition, variation and significance.

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Item 13.6 - Attachment 7





4.2.1 Vegetation Association A – Remnant Corymbia Melaleuca woodland open forest RE 11.2.5

Vegetation Association A is described as Remnant Corymbia Melaleuca woodland / open forest with structure and floristics reflecting remnant Regional Ecosystem 11.2.5.

The results of the structural and floristic assessments are summarised in Table 4.3 and Table 4.4 respectively.

Table 4.3 Vegetation Association A Quantitative Assessments

Stratum [†]	Growth Form	Crown Cover (%)	Height range (m)	Height Average (m)
Canopy T1	Tree	50	12-20	18
T2	Tree	60	5-10	7
Mid 1	Small Tree / Shrub	30	1-5	2
Mid 2	Shrub	20	0.5-1.5	1.5
Ground	Groundcover	30	0-1	1

[†]Strata that were not present have been omitted.

Table 4.4 Vegetation Association A Floristic Formation

Stratum [†]	Species
Canopy T1	Corymbia tesselaris (Moreton Bay ash), Melaleuca dealbata (swamp tea-tree), Livistona decora (weeping cabbage palm), Eucalyptus tereticornis (Qld blue gum), Eucalyptus platyphylla (poplar gum).
T2	Melaleuca dealbata (swamp tea-tree), Livistona decora (weeping cabbage palm), Acacia crassa subsp. longicoma (curracabah wattle), Banksia integrifolia (coastal banksia), Corymbia tesselaris (Moreton Bay ash), Alphitonia excelsa (Red ash), Glochidion ferdinandi (Cheese tree), Acacia aulacocarpa (salwood), Corymbia intermedia (Pink bloodwood), Lophostemon suaveolens (swamp box).
Mid 1	Banksia integrifolia (coastal banksia), Acacia crassa subsp. longicoma (curracabah wattle), Livistona decora (weeping cabbage palm), Lophostemon suaveolens (swamp box), Acacia aulacocarpa (salwood), Cupaniopsis anacardioides (tuckeroo), Allocasuarina littoralis (Black she-oak), Alphitonia excelsa (Red ash), Acacia disparrima subsp. disparrima (Hickory wattle), Heptapleurum actinophyllum (Umbrella tree), Cryptostegia grandiflora* (rubber vine), Ficus opposita (sandpaper fig).
Mid 2	Lantana camara* (Lantana), Breynia oblongifolia (Coffee bush), Jasminum didymum (native jasmine), Trema tomentosa (Poison peach), Carissa ovata (current bush), Clerodendrum tomentosum (hairy lolly bush), Dodonaea viscosa (sticky hops bush), Exocarpos latifolius (beach cherry), Indigofera tinctoria* (true indigo), Ipomoea cairica* (mil-a-minute), Schinus terebinthifolius* (broad-leaved pepper).
Ground	Megathyrsus maximus* (Guinea grass), Chloris gayana* (Rhodes grass), Setaria sphacelata* (South African pigeon grass), Macroptilium atropurpureum* (siratro), Pteridium esculentum (bracken), Imperata cylindrica (Blady grass), Gahnia aspera (Saw sedge), Cymbopogon refractus (Barbed wire grass), Stachytarpheta jamaicensis* (Blue snakeweed), Glossocardia bidens* (native cobbler's pegs), Lomandra longifolia (matrush), Cyperus brevifolius* (Mullumbimby couch)

[†]Species are listed in order of dominance – dominants in bold.

Variation and Disturbance

The canopy layer of this Association varied in height and cover from east to west with older vegetation and higher cover in the east of the site. There were also varying localised canopy dominance observed although at map scales too small to be mapped as individual vegetation units.

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^{*}Non local-native



Structural composition of the mid strata and groundcover also varied with weedy grasses and Lantana forming dense thickets on the edges where the canopy opens up.

This vegetation unit has been subject to low historical disturbance, with disturbance limited to vehicular tracks and weed infestations present throughout.

Conservation Significance

The floristics and structure (height and cover) of the canopy within this vegetation unit generally meet the benchmark criteria to be considered remnant vegetation of the mapped RE 11.2.5 (Least Concern).

No State or Commonwealth listed EVNT flora were recorded in this vegetation Association during field surveys.



Figure 4.2 General Composition of Vegetation Association A

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4.2.2 Vegetation Association B – Regrowth Corymbia Melaleuca woodland / open forest RE 11.2.5

Vegetation Association B occurs over the western part of the site and is described as Corymbia Melaleuca woodland open forest with structure and floristics reflecting regrowth Regional Ecosystem 11.2.5.

The results of the structural and floristic assessments are summarised in Table 4.5 and Table 4.6 respectively.

Table 4.5 Vegetation Association B Quantitative Assessments

Stratum [†]	Growth Form	Crown Cover (%)	Height range (m)	Height Average (m)	
Canopy T1 Tree		50	5-12	10	
Mid 1 Small Tree / Shrub		30	1-5	4	
Mid 2	Shrub	20	1-2	2	
Ground	Groundcover	30	0-1	1	

[†]Strata that were not present have been omitted.

Table 4.6 Vegetation Association B Floristic Formation

Stratum [†]	Species
Canopy T1	Melaleuca dealbata (swamp tea-tree), Livistona decora (weeping cabbage palm), Corymbia tesselaris (Moreton Bay ash), Eucalyptus tereticomis (Qld blue gum), Eucalyptus platyphylla (poplar gum).
Mid 1	Melaleuca dealbata (swamp tea-tree), Livistona decora (weeping cabbage palm), Acacia crassa subsp. longicoma (curracabah wattle), Banksia integrifolia (coastal banksia), Corymbia tesselaris (Moreton Bay ash), Alphitonia excelsa (red ash), Glochidion ferdinandi (cheese tree), Acacia aulacocarpa (salwood), Corymbia intermedia (pink bloodwood), Cupaniopsis anacardioides (tuckeroo), Lophostemon suaveolens (swamp box), Heptapleurum actinophyllum (umbrella tree), Cryptostegia grandiflora* (rubber vine), Ficus opposita (sandpaper fig).
Mid 2	Lantana camara* (Lantana), Breynia oblongifolia (coffee bush), Jasminum didymum (native jasmine), Carissa ovata (current bush), Clerodendrum tomentosum (hairy lolly bush), Dodonaea viscosa (sticky hops bush), Exocarpos latifolius (beach cherry), Indigofera tinctoria* (true indigo), Ipomoea cairica* (mil-a-minute), Schinus terebinthifolius* (broad-leaved pepper).
Ground	Megathyrsus maximus* (Guinea grass), Chloris gayana* (Rhodes grass), Setaria sphacelata* (South African pigeon grass), Macroptilium atropurpureum* (siratro), Pteridium esculentum (bracken), Imperata cylindrica (Blady grass), Cenchrus echinatus* (Mossman River grass), Gahnia aspera (saw sedge), Cymbopogon refractus (Barbed wire grass), Stachytarpheta jamaicensis* (Blue snakeweed), Glossocardia bidens* (native cobbler's pegs), Lomandra longifolia (matrush), Cyperus brevifolius* (Mullumbimby couch).

[†]Species are listed in order of dominance – dominants in bold.

Variation and Disturbance

The canopy layer of this association varied substantially in height and cover from Vegetation Association A, however the floristics were much the same with the only variation being less Corymbia tesselaris. east to west with older vegetation and higher cover in the east of the site. There were also varying localised canopy dominance observed although at map scales too small to be mapped as individual vegetation units.

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^{*}Non-native



Structural composition of the mid strata and groundcover also varied with weedy grasses and Lantana forming dense thickets on the edges where the canopy opens up.

This vegetation unit has been subject to low historical disturbance, with disturbance limited to vehicular tracks and weed infestations present throughout.

Conservation Significance

The floristics and structure (height and cover) of the canopy within this vegetation Association generally meet the benchmark criteria to be considered regrowth vegetation of the mapped RE 11.2.5 (Least Concern).

No State or Commonwealth listed EVNT flora were recorded in this vegetation unit during field surveys.



Figure 4.3 General composition of Vegetation Association B

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4.2.3 Vegetation Association C – Regrowth Corymbia Melaleuca woodland / open forest RE 11.2.5 with marine plants

This association occurs in the west of the site and has similar structure and floristics to Vegetation Association B but with occasional marine plants in the ground stratum. The results of the structural and floristic assessments are summarised in Table 4.7 and Table 4.8 respectively.

Table 4.7 Vegetation Association C Quantitative Assessments

Stratum [†]	Growth Form	Crown Cover (%)	Height range (m)	Height Average (m)
Canopy T1	Tree	50	5-12	10
Mid 1	Small Tree / Shrub	30	1-5	4
Mid 2	Shrub	20	1-2	2
Ground	Groundcover	30	0-1	1

[†]Strata that were not present have been omitted.

Table 4.8 Vegetation Association C Floristic Formation

Stratum [†]	Species
Canopy T1	Melaleuca dealbata (swamp tea-tree), Livistona decora (weeping cabbage palm), Corymbia tesselaris (Moreton Bay ash), Eucalyptus tereticornis (Qld blue gum), Eucalyptus platyphylla (poplar gum).
Mid 1	Melaleuca dealbata (swamp tea-tree), Livistona decora (weeping cabbage palm), Acacia crassa subsp. longicoma (curracabah wattle), Banksia integrifolia (coastal banksia), Corymbia tesselaris (Moreton Bay ash), Alphitonia excelsa (red ash), Glochidion ferdinandi (cheese tree), Acacia aulacocarpa (salwood), Corymbia intermedia (pink bloodwood), Cupaniopsis anacardioides (tuckeroo), Lophostemon suaveolens (swamp box), Heptapleurum actinophyllum (umbrella tree), Cryptostegia grandiflora* (rubber vine), Ficus opposita (sandpaper fig).
Mid 2	Lantana camara* (Lantana), Breynia oblongifolia (coffee bush), Jasminum didymum (native jasmine), Carissa ovata (current bush), Clerodendrum tomentosum (hairy lolly bush), Dodonaea viscosa (sticky hops bush), Exocarpos latifolius (beach cherry), Indigofera tinctoria* (true indigo), Ipomoea cairica* (mil-a-minute), Schinus terebinthifolius* (broad-leaved pepper).
Ground	Megathyrsus maximus* (Guinea grass), Chloris gayana* (Rhodes grass), Setaria sphacelata* (South African pigeon grass), Macroptilium atropurpureum* (siratro), Pteridium esculentum (bracken), Imperata cylindrica (Blady grass), Cenchrus echinatus* (Mossman River grass), Gahnia aspera (saw sedge), Cymbopogon refractus (Barbed wire grass), Stachytarpheta jamaicensis* (Blue snakeweed), Glossocardia bidens* (native cobbler's pegs), Lomandra longifolia (matrush), Cyperus brevifolius* (Mullumbimby couch), Sporobolus virginicus (salt couch), Acrostichum speciosum (mangrove fern).
Marine Plants	Sporobolus virginicus (salt couch), Acrostichum speciosum (mangrove fern).

[†]Species are listed in order of dominance – dominants in bold.

Variation and Disturbance

The canopy layer of this association varied substantially in height and cover from Vegetation Association A, however the floristics were much the same with the only variation being less Corymbia tesselaris. east to west with older vegetation and higher cover in the east of the site. There were also varying localised canopy dominance observed although at map scales too small to be mapped as individual vegetation units.

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^{*}Non-native



Structural composition of the mid strata and groundcover also varied with weedy grasses and Lantana forming dense thickets on the edges where the canopy opens up.

This vegetation unit has been subject to low historical disturbance, with disturbance limited to vehicular tracks and weed infestations present throughout.

Conservation Significance

The floristics and structure (height and cover) of the canopy within this vegetation unit generally meet the benchmark criteria to be considered regrowth vegetation of the mapped RE 11.2.5 (Least Concern).

No State or Commonwealth listed EVNT flora were recorded in this vegetation unit during field surveys.

Species defined as marine plants were detected in this community including *Sporobolus virginicus* (salt couch) and *Acrostichum speciosum* (mangrove fern). These species were present in very low densities with salt couch limited to the tracks and open areas and only occasional clumps of mangrove fern were detected.



Figure 4.4 Occasional Mangrove ferns (marine plants) found in Vegetation Association C

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4.2.4 Vegetation Association D – Mangrove woodland and Saltmarsh forbland RE 11.1.4/2

This association was present in the southwestern corner of the site on and adjacent to the banks of Mulambin Ck. The vegetation varies between mangrove woodland (RE 11.1.4) and saltmarsh forbland (RE 11.1.2).

The results of the structural and floristic assessments are summarised in Table 4.9 and Table 4.10 respectively.

Table 4.9 Vegetation Association D Quantitative Assessments

Stratum [†]	Growth Form	Crown Cover (%)	Height range (m)	Height Average (m)
Canopy	Tree/Shrub	50-70	1.5-4.5	3
Ground	Groundcover	30	0-0.5	0.2

[†]Strata that were not present have been omitted.

Table 4.10 Vegetation Association D Floristic Formation

Stratum†	Species				
Canopy	Avicennia marina (grey mangrove), Ceriops australis (yellow mangrove), Lumnitzera racemosa (black mangrove), Myoporum acuminatum (Coastal Boobialla)				
Ground	Sporobolus virginicus (salt couch), Cyperus polystachyos (bunchy flat-sedge), Fimbristylis ferruginea (rusty sedge), Paspalum vaginatum (saltwater couch), Zoysia macrantha subsp. macrantha (sand couch), Fimbristylis polytrichoides, Hibbertia scandens (snake vine), Acrostichum speciosum (mangrove fem). Sarcocomia quinqueflora (beaded samphire),				

[†]Species are listed in order of dominance.

Variation and Disturbance

This association is a mix of mangrove woodland and saltmarsh forbland. Aside from the different associations, there is little variation within each association in terms of structure and floristics.

Conservation Significance

The floristics of the vegetation within this community unit generally reflect mangrove woodland (RE 11.1.4) and saltmarsh forbland (RE 11.1.2) (both Least Concern).

No State or Commonwealth listed EVNT flora were recorded in this vegetation unit during field surveys.

All plants in this association are marine plants under the Fisheries Act.

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^{*}Non-native



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Figure 4.5 General composition of Vegetation Unit D

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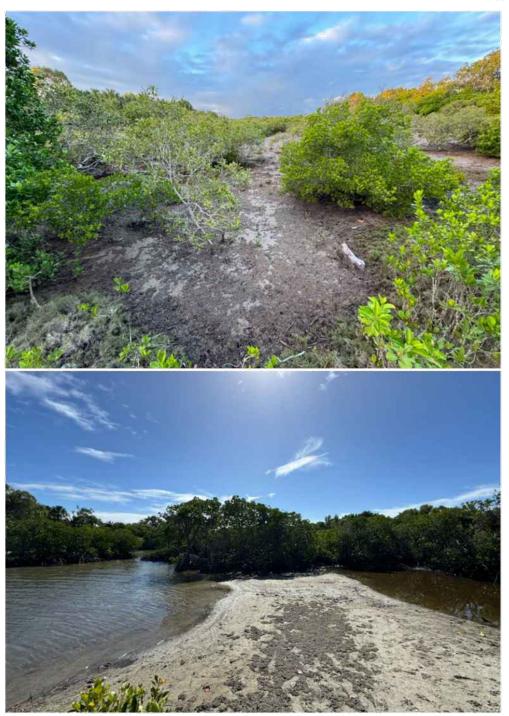


Figure 4.6 Interface of site with Mulambin Ck

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4.2.5 Vegetation Association E - Anthropogenic grassland

This association occurs in the cleared and disturbed parts of the site where tracks and open areas are regularly maintained.

The results of the structural and floristic assessments are summarised in Table 4.11 and Table 4.12 respectively.

Table 4.11 Vegetation Association E Quantitative Assessments

Stratum [†]	Growth Form	Crown Cover (%)	Height range (m)	Height Average (m)	
Canopy	Tree/Shrub	50-70	1.5-4.5	3	
Ground	Groundcover	30	0-0.5	0.2	

[†]Strata that were not present have been omitted.

Table 4.12 Vegetation Association E Floristic Formation

Stratum†	Species			
Canopy	Avicennia marina (grey mangrove), Ceriops australis (yellow mangrove), Lumnitzera racemosa (black mangrove), Myoporum acuminatum (Coastal Boobialla)			
Ground	Sporobolus virginicus (salt couch), Cyperus polystachyos (bunchy flat-sedge), Fimbristylis ferruginea (rusty sedge), Paspalum vaginatum (saltwater couch), Zoysia macrantha subsp. macrantha (sand couch), Fimbristylis polytrichoides, Hibbertia scandens (snake vine), Acrostichum speciosum (mangrove fem). Sarcocomia quinqueflora (beaded samphire),			

[†]Species are listed in order of dominance.

Variation and Disturbance

This association is a mix of mangrove woodland and saltmarsh forbland. Aside from the different associations, there is little variation within each association in terms of structure and floristics.

Conservation Significance

The floristics of the vegetation within this community unit generally reflect mangrove woodland (RE 11.1.4) and saltmarsh forbland (RE 11.1.2) (both Least Concern).

No State or Commonwealth listed EVNT flora were recorded in this vegetation unit during field surveys.

All plants in this association are marine plants under the Fisheries Act.

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^{*}Non-native





Figure 4.7 General composition of Vegetation Unit E (foreground)

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4.2.6 Weed Infestations

For the purposes of this report, a weed has been defined as a species that is recognised as an Environmental Weed in the WildNet database managed by the Queensland Department of Environment and Science. A total of 30 weeds recorded during surveys including three (3) identified as Restricted Invasive Plants under the *Biosecurity Act 2014*. Weeds recorded are listed below in Table 4.13.

Table 4.13 Weeds observed within subject site

Scientific Name	Common Name	Qld Status
Alternanthera pungens	khaki weed	
Amaranthus viridis	green amaranth	
Catharanthus roseus	Madagascar Periwinkle	
Cenchrus echinatus	Mossman River grass	
Chloris gayana	Rhodes grass	
Crassocephalum crepidioides	thickhead	
Cryptostegia grandiflora	rubber vine	Restricted Cat 3
Cynodon dactylon	common couch	
Cyperus brevifolius	Mullumbimby couch	
Desmodium tortuosum	Florida beggar-weed	
Digitaria ciliaris	summer grass	
Erigeron bonariensis	flax leaf fleabane	
Indigofera tinctoria		
Ipomoea cairica	mile-a-minute	
Lantana camara	lantana	Restricted Cat 3
Macroptilium atropurpureum	siratro	
Megathyrsus maximus	Guinea grass	
Melinis repens	red natal grass	
Oxalis comiculata	creeping wood sorrel	
Paspalum vaginatum	saltwater couch	
Passiflora foetida	stinky passion flower	
Passiflora suberosa	corky passion flower	
Rivina humilis	coral berry	
Schinus terebinthifolius	broad leaved pepper	Restricted Cat 3
Setaria sphacelata	South African pigeon grass	
Sida cordifolia	flannel weed	
Solanum americanum	black nightshade	
Sporobolus fertilis	giant Parramatta grass	
Stachytarpheta jamaicensis	Jamaica snakeweed	
Urena lobata	urena weed	

^{*}Qld Status per the Biosecurity Act 2014, where:

Restricted Category 3 = Restricted invasive plants must not be given away, sold or released into the environment without a permit. The Biosecurity Act requires everyone to take all reasonable and practical steps to minimise the risks associated with invasive plants under their control. At a local level, each local government must have a biosecurity plan that covers invasive plants and animals in its area. This plan may include actions to be taken on certain species. Some of these actions may be required under local laws.

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4.3 Fauna Survey Methods

With consideration given to the information obtained within the desktop assessment Burchills ecologists undertook fauna surveys over the site in May 2024.

The survey methodology incorporated the following survey techniques:

- · Assessment of habitat features and functions;
- Opportunistic records and observations of inferential evidence.
- Diurnal bird surveys;
- · Ground dwelling reptile surveys; and
- Targeted Conservation Significant Species surveys.

4.3.1 Fauna Habitat Features and Functions

The site was surveyed to verify presence of any features and functions of faunal habitat significance. This can include significant features such as hollow-bearing trees, waterways / wetlands and riparian areas and functions such as corridors and buffers.

4.3.2 Opportunistic Observations and Inferential Evidence

Observations of inferential evidence and opportunistic fauna encounters were recorded throughout the duration of the flora survey. Inferential evidence included observation of scratches, scats, tracks, shed skins, diggings and nests, as well as targeted inspected and searches for potential habitat features such as hollow bearing limbs and trunks, arboreal termite mounds with holes, stick or mud nests and dreys.

4.3.3 Diurnal Bird Surveys

Five (5) diurnal bird surveys were undertaken within the site, for one (1) hour by one (1) observer for each event. Surveys were undertaken dawn, early morning, late morning, mid-afternoon and late afternoon. Bird species were identified through direct observations (i.e. visual sighting) and / or vocalisations and involved the observer walking slowly and quietly through the site, looking and listening for birds. Additionally, due to the possible presence of the Vulnerable *Calyptorhynchus lathami erebus* (glossy black-cockatoo) targeted searches under *Allocasuarina* species for orts (chewed seed cones) was undertaken to verify recent feeding activity.

4.3.4 Ground Dwelling Reptile Surveys

Active searches can detect many reptile species that trapping rarely does. Active searching primarily focuses on detecting reptiles and amphibians but will also detect small terrestrial mammals and signs of other somewhat cryptic species (e.g. tracks, scats, nests and feeding signs) (Eyre et. al., 2022). Active searching involves scanning for active animals as well as turning rocks and logs, raking through leaf litter, looking under bark and in crevices and other suitable microhabitat for cryptic animals. Five (5) active searches were undertaken within the site. These searches were conducted for 30 person-minutes within a 25m x 25m area.

4.3.5 Survey Limitations

It should be noted that the fauna survey that was undertaken only provides a very limited 'snap-shot' of the species present and detectable on the subject site at the time of the field investigations. Weather and time constraints impact on the detectability of some species. Failure to detect a species during a single survey does not mean it is absent from the site. It cannot be confidently claimed a target species is absent from a site without repeated seasonal surveys. Therefore, it is acknowledged that the full inventory of fauna species utilising the site is unlikely to have been recorded. Although assessments of habitat and species ecology do provide an additional measure to predict the presence of species (i.e. in lieu of direct observation), it should be noted that there are no methodologies that can be used to predict, with absolute certainty, the absence of a species from marginal or potential habitat.

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4.4 Fauna Survey Results

Thirty-three (33) species of vertebrate fauna were observed within the subject site during surveys including two (2) reptile species, 29 bird species and two (2) mammal species (Table 4.14). No introduced species were detected. Though not listed (since they were not observed to be 'in the wild') domesticated dogs were observed in high numbers both on and off leash on the walking tracks that dissect the site.

These results are discussed further in the following sections.

4.4.1 Reptiles

Two (2) reptile species was identified during field surveys: *Pseudonaja textilis* (eastern brown snake) and *Lampropholis delicata* (grass skink). It is likely there are other reptile species present given the good habitat conditions (eg. high levels of leaf litter and woody debris).

4.4.2 Birds

All of the 29 bird species identified on-site all were native and no EVNT or SL avifauna were detected, including migratory species. The site's conditions provide shelter, foraging and breeding opportunities for species with broad habitat requirements.

The site has variety of good habitat conditions for grassland, scrub birds and wetland birds and additional surveys are likely to detect a higher diversity.

No shorebird habitat is present within the site higher Vegetation Association D provides habitat for estuarine species such as kingfishers.

Targeted searches under Allocasuarina species for orts did not detect any recent glossy black-cockatoo feeding activity and there Allocasuarina density on site is low.

The rainbow bee eater was observed feeding in the mangrove habitat in the creek front park to the south west of the site.

4.4.3 Mammals

Evidence of one (1) native mammal species was observed within the site: *Tachyglossus aculeatus* (echidna). Though no scat was detected, diggings typical of this species were observed in a number of areas within Vegetation Associations A and B.

This species is found throughout Australia and in a wide range of terrestrial habitats. The echidna is generally a solitary species that is active at night or early morning. They generally like to burrow or shelter in hollow logs.

The habitat conditions for the echidna were optimal in Vegetation Associations A, B and C with high levels of foraging resources, ground hollows and dense shrub and groundcover present. Predation by foxes and dogs is a threat for this species and off leash dogs were observed within the project area.

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Table 4.14 Fauna Species Identified On-Site

Family	Scientific Name	Common Name	Status*	Method**	Location†	Survey Type ^{††}
Reptiles						
Elapidae	Pseudonaja textilis	Eastern brown snake	С	V	W	00
Scincidae	Lampropholis delicata	Grass skink	С	V	W	GDRS
Birds	'		'		,	
Accipitridae	Haliastur indus	brahminy kite	С	V	E	DBS
Alcedinidae	Dacelo novaeguineae	laughing kookaburra	С	V	W	00
Artamidae	Cracticus nigrogularis	pied butcherbird	С	V	W	00
Artamidae	Gymnorhina tibicen	Australian magpie	С	V	W	00
Cacatuidae	Cacatua galerita	sulphur-crested cockatoo	С	V	W	DBS
Cacatuidae	Zanda funerea	yellow-tailed black-cockatoo	C	V	E	DBS
Campephagidae	Coracina novaehollandiae	black-faced cuckoo-shrike	C	V	w	DBS
Campephagidae	Lalage leucomela	varied triller	С	V	w	DBS
Columbidae	Geopelia placida	peaceful dove	С	V	w	00
Columbidae	Geopelia humeralis	bar-shouldered dove	С	V	W	00
Corvidae	Corvus orru	Torresian crow	С	V	w	DBS
Dicaeidae	Dicaeum hirundinaceum	mistletoebird	С	V	W	DBS
Estrildidae	Taeniopygia bichenovii	double-barred finch	С	V	w	DBS
Hirundinidae	Hirundo neoxena	welcome swallow	С	V	w	DBS
Megapodiidae	Alectura lathami	Australian brush-turkey	С	V	w	00
Meliphagidae	Meliphaga lewinii	Lewin's honeyeater	С	V	w	DBS
Meliphagidae	Lichmera indistincta	brown honeyeater	С	V	W	DBS
Meliphagidae	Melithreptus albogularis	white-throated honeyeater	С	V	w	DBS

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Family	Scientific Name	Common Name	Status*	Method**	Location [†]	Survey Type ^{††}
Meliphagidae	Entomyzon cyanotis	blue-faced honeyeater	С	V	W	DBS
Meliphagidae	Philemon citreogularis	little friarbird	С	V	W	DBS
Meliphagidae	Caligavis chrysops	yellow-faced honeyeater	С	V	W	DBS
Meropidae	Merops ornatus	rainbow bee-eater	SL	V	E	DBS
Monarchidae	Grallina cyanoleuca	magpie-lark	С	V	W	00
Oriolidae	Sphecotheres vieilloti	Australasian figbird	С	V	W	DBS
Pardalotidae	Pardalotus striatus	striated pardalote	С	V	W	DBS
Petroicidae	Microeca fascinans	jacky winter	С	V	W	00
Psittaculidae	Trichoglossus moluccanus	rainbow lorikeet	С	V	W	DBS
Psittaculidae	Platycercus adscitus	pale-headed rosella	С	V	W	DBS
Threskiornithidae	Threskiornis spinicollis	straw-necked ibis	С	V	W	00
Mammals		'	'			
Tachyglossidae	Tachyglossus aculeatus	echidna	С	s	W	00
Canidae	Canis familiaris	dog	1	V	W	00

^{*}Status: As listed under the NCA: CR = Critically Endangered, E = Endangered, V = Vulnerable, NT = Near Threatened, SL = Special Least Concern, C = Least Concern.

As listed under the EPBC: CE# = Critically Endangered, E# = Endangered, V# = Vulnerable, CD# = Conservation Dependent, MT = Migratory (Terrestrial Species), MW = Migratory (Wetland Species), M = Marine Species, I# = Introduced Species

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^{**}Primary method of identification: C = hand caught, H = heard, V = visually observed, T = trapped, S = other signs of presence (e.g. scats, traces etc).

[†]Survey type: DBS = bird survey; GDRS = ground dwelling reptile survey; OO = opportunistic observation.

^{††}Location: W = species observed within subject property; E = species observed external but close (within 100m) to subject site.



5. Impacts and Recommendations

5.1 Impacts on Matters of National Environmental Significance

An assessment of the results of the desktop surveys and field investigations against the proposed development design indicates that the development is unlikely to result in a significant impact on values identified as Matters of National Environmental Significance (MNES).

The results of the MNES PMST as detailed in Section 4 and Appendix C indicates that a number of MNES may occur within or near the site. The vegetation mapping for the site (refer Section 4.2.2) eliminates both MNES threatened ecological communities (TECs). Poplar Box Grassy Woodland on Alluvial Plains (Endangered) occurs on land zone 3 (alluvium) and the site is mapped in land zone 2 (beach ridges and sandy swales). Semi-evergreen vine thickets of the Brigalow Belt (Endangered) occurs in regional ecosystems that are not mapped or present within or near the site (RE 11.3.11, 11.4.1, 11.8.13, 11.11.18, 11.2.3 and 11.9.4).

No species scheduled as Endangered, Vulnerable or Near Threatened (EVNT) under the Queensland NCA and / or Commonwealth EPBC Act were recorded (either directly or via inferential evidence) within the subject site during surveys.

The site surveys including habitat assessment results also eliminate many of the shorebird and marine species (eg marine turtles, whales, sharks and dolphins) picked up in the desktop review results, as well as other species unlikely to occur due to lack of suitable habitat conditions and resources. The results of a likelihood of occurrence assessment for threatened species are summarised below in Table 5.1 and further detailed in Appendix D.

Two (2) threatened species were identified as possibly occurring within the subject site based on presence of suitable habitat and / or foraging resources. *Hirundapus caudacutus* (white-throated needletail) and *Pteropus poliocephalus* (grey-headed flying-fox). *Hirundapus caudacutus* is a non-breeding migrant that is almost exclusively aerial and has a large range with broad resource requirements; and a search of the National Flying-fox monitoring viewer indicates there are no recorded flying fox camps within 5km of the site. Both species have broad habitat and food resource requirements and the site does not support an important population of the species or an ecologically significant proportion of the population. For these reasons the project is not likely to have a significant impact on MNES and therefore does not require referral to the Minister under the provisions of the EPBC.

Table 5.1 Likelihood of occurrence for MNES threatened species detected in desktop review

Scientific Name	Common Name	Threatened Category	Likelihood of Occurrence
Birds			
Epthianura crocea macgregori	Capricorn Yellow Chat	Critically Endangered	Unlikely
Erythrotriorchis radiatus	Red Goshawk	Endangered	Unlikely
Falco hypoleucos	Grey Falcon	Vulnerable	Unlikely
Gallinago hardwickii	Latham's Snipe, Japanese Snipe	Vulnerable	Unlikely
Geophaps scripta scripta	Squatter Pigeon (southern)	Vulnerable	Unlikely
Hirundapus caudacutus	White-throated Needletail	Vulnerable	Possible
Neochmia ruficauda ruficauda	Star Finch (eastern)	Endangered	Unlikely
Poephila cincta cincta	Southern Black-throated Finch	Endangered	Unlikely
Rostratula australis	Australian Painted Snipe	Endangered	Unlikely
Turnix melanogaster	Black-breasted Button-quail	Vulnerable	Unlikely
Mammals			

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Scientific Name	Common Name	Threatened Category	Likelihood of Occurrence	
Dasyurus hallucatus	Northern Quoll	Endangered	Unlikely	
Macroderma gigas	Ghost Bat	Vulnerable	Unlikely	
Petauroides volans	Greater Glider (southern and central)	Endangered	Unlikely	
Phascolarctos cinereus	Koala	Endangered	Unlikely	
Petaurus australis australis	Yellow-bellied Glider (south- eastern)	Vulnerable Unlikely		
Pteropus poliocephalus	Grey-headed Flying-fox	Vulnerable	Possible	
Xeromys myoides	Water Mouse, False Water Rat	Vulnerable	Unlikely	
Reptiles				
Denisonia maculata	Ornamental Snake	Vulnerable	ole Unlikely	
Egernia rugosa	Yakka Skink	Vulnerable	Unlikely	
Furina dunmalli	Dunmall's Snake	Vulnerable	Unlikely	
Plants				
Cupaniopsis shirleyana	Wedge-leaf Tuckeroo	Vulnerable	Unlikely	
Cycas ophiolitica	null	Endangered	Unlikely	
Dichanthium setosum	bluegrass	Vulnerable	Unlikely	
Eucalyptus raveretiana	Black Ironbox	Vulnerable	Unlikely	
Leichhardtia brevifolia	null	Vulnerable	Unlikely	
Macadamia integrifolia	Macadamia Nut	Vulnerable	Unlikely	
Phaius australis	Lesser Swamp-orchid	Endangered	Unlikely	
Pimelea leptospermoides	null	Vulnerable	Unlikely	

5.2 Impacts on Matters of State Environmental Significance

5.2.1 Habitat for MSES Threatened and Special Least Concern Species

The results of the MSES and Wildnet database searches indicate that the site may contain habitat values for five (5) threatened flora/fauna and eleven (11) Special Least Concern fauna based on historical species records as listed in Table 3.3. The complete results of this search are provided in Appendix B. The majority of these species are shorebirds that are unlikely to utilise the site due to lack of suitable habitat conditions. The estuarine wetlands on Mulambin Ck does however provide foraging and roosting habitat for some shorebird species.

The Vegetation Management Supporting Map (refer Figure 4.2 and Appendix B) indicates that all of the site's Category B vegetation (RE 11.1.2 and 11.2.5) is Essential Habitat for *Crocodylus porosus* (estuarine crocodile) – Vulnerable, *Numenius madagascariensis* (eastern curlew) – Endangered and *Limosa lapponica baueri* (Western Alaskan bar-tailed godwit) - Vulnerable. Ground truthing surveys determined that these values are limited to the estuarine wetlands on Mulambin Ck. All suitable habitat for these species is proposed to be protected in the reserve which protects a minimum 100m-200m buffer to Mulambin Ck. Vegetation within the balance of the site does not provide suitable habitat values for these species.

No flora or fauna species scheduled as Endangered, Vulnerable or Near Threatened (EVNT) under the Queensland NCA and / or Commonwealth EPBC Act were recorded (either directly or via inferential evidence) within the subject site during surveys.

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Two (2) Special Least Concern flora species were observed: *Acrostichum speciosum* (mangrove fern) and *Livistona decora* weeping cabbage palm. These species are not threatened species but listed as Special Least Concern flora under the NCA due to collection pressure. *Acrostichum speciosum* is also identified as a marine plant under the Fisheries Act even when found above the high tide mark. This species is entirely within the proposed protected area. *Livistona decora* is present in large number throughout the site including within the proposed protected area.

Targeted searches under potential feed trees (Allocasuarina species) for orts did not detect glossy black-cockatoo feeding activity. Additionally, the flora surveys found that Allocasuarina density on site is low.

No signs of the estuarine crocodile were detected however this species is unlikely to be impacted by the proposed development given suitable breeding habitat (ie areas within 10m of and below HAT) is protected in the proposed design. Additionally, there are no recent records for this species in Mulambin Ck.

Surveys detected one (1) SL species – diggings typical of the *Tachyglossus aculeatus* (short beaked echidna) were observed within the site. It is likely that the proposed development will impact on habitat, including breeding habitat, for this species in particular vegetation within Vegetation Associations A and B. It is therefore recommended that a Species Management Program be approved for this species given impacts on breeding habitat are likely to occur. A High Risk SMP is required for fauna identified under the NCA as either least concern colonial breeders, extinct in the wild, critically endangered, endangered, vulnerable, near threatened, or special least concern. The High Risk SMP approval is required prior to works commencing and the SMP has a standard term of three (3) years.

An additional seven (7) SL species – were identified as possibly utilising the site on a transient basis. The majority of these species are migratory shorebirds that may utilise the estuarine wetland habitat along Mulambin Ck foreshore. This part of the site will be protected as part of the proposed development including a 100m-200m setback to the development. The remaining species are migratory birds that have broad habitat and resource requirements and the site does not support an important population of the species or an ecologically significant proportion of the population. For these reasons the proposal is unlikely to have a significant impact on a MSES.

Table 5.2 MSES species and likelihood of occurrence on subject site

Scientific name	Common name	NCA status	EPBC status	Likelihood of Occurrence
Threatened fauna				
Calyptorhynchus lathami erebus	glossy black-cockatoo (northern)	V	None	Unlikely
Crocodylus porosus	estuarine crocodile	V	None	Unlikely
Limosa lapponica baueri	Western Alaskan bartailed godwit	V	V	Unlikely
Numenius madagascariensis	eastern curlew	Е	CE	Unlikely
Threatened flora	1	d	*	-
Cycas ophiolitica	Marlborough blue	E	E	Unlikely
Special least concern fauna	-!-			
Actitis hypoleucos	common sandpiper	SL	М	Possible
Calidris ruficollis	red-necked stint	SL	М	Possible
Monarcha melanopsis	black-faced monarch	SL	М	Possible
Myiagra cyanoleuca	satin flycatcher	SL	М	Possible
Numenius phaeopus	whimbrel	SL	М	Unlikely
Pandion haliaetus cristatus	eastern osprey	SL	М	Possible
Phaethon lepturus	white-tailed tropicbird	SL	M	Unlikely

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Scientific name	Common name	NCA status	EPBC status	Likelihood of Occurrence	
Rhipidura rufifrons	rufous fantail	SL	M	Possible	
Symposiachrus trivirgatus	spectacled monarch	SL	М	Possible	
Tachyglossus aculeatus	short-beaked echidna	SL	None	Observed	
Tringa nebularia	common greenshank	SL	М	Unlikely	

*NCA Status: As listed under the *Queensland Nature Conservation Act* 1992; CR = Critically Endangered, E = Endangered, V = Vulnerable, NT = Near Threatened, SL = Special Least Concern. **EPBC Status: As listed under the EPBC: CE = Critically Endangered, E = Endangered, V = Vulnerable, M = Migratory Species.

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5.2.2 Impacts on Vegetation and Marine Plants

The site contains 8.12ha of Category B Least concern Remnant Vegetation representing Least concern regional ecosystem (RE) 11.2.5 and Least concern RE 11.1.2. No regrowth is mapped over the site, however surveys found the mapped Category B vegetation to include a mix of remnant and regrowth condition. Additionally, areas mapped as Category X were found to be a mix of remnant and regrowth vegetation.

The proposed works will impact approximately 63% (51,234m² / 5.123ha) of the site's total mapped regulated Category B (remnant) vegetation as summarised below in Table 5.3 and shown in Figure 5.1.

Category Value Area Site Total Area Impacted Area Protected Not present В Remnant Least concern RE 11.1.2 0.11ha 0 0.11ha (100%) В Remnant Least concern RE 11.2.5 8.01ha 5.12ha (63%) 2.99 (37%) C Not present R Not present Total

Table 5.3 Impacts on Regulated Vegetation

Surveys ground truthed the regulated vegetation and found it represents three (3) distinct regional ecosystems - RE 11.2.5 (Vegetation Associations A, B and C), RE 11.1.4 and 11.1.2 (Vegetation Association D). Vegetation Associations A and D were found to represent remnant (Category B) vegetation while B and C were found to reflect regrowth condition based on structural criteria (height / cover of ecologically dominant layer not meeting the RE benchmark conditions).

The proposed works will impact approximately 4.37ha (43,752m2) of the site's total ground truthed Category B (remnant) vegetation representing Vegetation Association A and D. No impacts are proposed on Vegetation Associations C (regrowth, contains occasional marine plants – mangrove fern and salt couch) and D (remnant mangroves and salt marsh communities). A summary of the vegetation impacts is provided below in Table 5.4 and presented in Figure 5.2.

The site's vegetation is mapped as Least Concern Category B. Category B Least Concern Vegetation is not a MSES and is not prescribed environmental matter under the *Environmental Offsets Act 2014*, and therefore impacts on the site's vegetation do not result in a significant residual impact on a prescribed matter and therefore do not require an environmental offset.

However, impacts on Regulated Vegetation for the proposed development does require referral to SARA and the Department of Resources for assessment against *State Code 16: Native vegetation clearing*. Following a request for information from Council and SARA during the assessment phase, the subdivision design was revised to increase the proposed protected area, providing enhanced protection of existing values and ecological functions (buffering and corridor functions). The proposed three (3) hectare reserve protects a minimum of 30% of the site area, as required by *State Code 16 – Native vegetation clearing*.

An assessment of the proposed development against this code is provided in Appendix E. As detailed in the response to the code – the proposed development satisfactorily complies with the applicable performance outcomes.

The proposed development protects all marine plants (as defined and regulated by the Qld *Fisheries Act 1994*) recorded on site which were predominantly within Vegetation Association D (mangroves and salt marsh communities), and occasional presence in Vegetation Association C (mangrove fern and salt couch).

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Table 5.4 Impacts on Vegetation Associations

Vegetation Unit	Value	Area Total	Area Impacted	Area Protected	
Vegetation Unit A	Remnant Corymbia Melaleuca woodland / open forest RE 11.2.5	43,752	43,752		
Vegetation Unit B	Regrowth Corymbia Melaleuca woodland / open forest RE 11.2.5	22,347	12,029	10,318	
Vegetation Unit C	Regrowth Corymbia Melaleuca woodland open forest RE 11.2.5 with marine plants in ground stratum	12,986	0	12,986	
Vegetation Unit D	Remnant Mangrove woodland and samphire forbland RE 11.1.4 and RE 11.1.2	2,726	0	2726	
Vegetation Unit E	Anthropogenic grassland	18,823	15,498	3,325	
Total		100,634	75,912	24,722	

5.3 Impacts on Matters of Local Environmental Significance

As detailed in Section 3.4, a number of matters of local environmental significance (MLES) are identified in the Livingstone Shire Planning Scheme for the site including remnant vegetation, a sub-regional biodiversity corridor and a wetland.

The proposed protected area was revised to increase protection and buffering to these MLES values. Impacts on remnant vegetation have been reduced and the 3ha reserve provides protection for the sub-regional biodiversity corridor, the MLES wetland and a 100-200m buffer to the wetland.

Additionally, the protected area will be rehabilitated to enhance the in-situ ecological values and ecological functions (wetland buffering and biodiversity corridor) (refer Figure 5.2).

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5.4 Mitigation of Environmental Impacts

5.4.1 Protection of Significant Areas

The eastern part of the site will be protected as environmental open space. This includes all of the site's marine plant communities and provides a minimum 100-200m buffer to the Mulambin Ck estuarine wetlands. This 3ha reserve will be rehabilitated to enhance the existing biodiversity, habitat values and wetland buffer function.

5.4.2 Management of Operational Works

Other impacts of the proposed development are primarily construction stage impacts on retained vegetation, fauna and habitat values. To ensure that these potential impacts are managed responsibly, all vegetation clearing operations will be guided by Council conditions of approval. This includes a preclearance survey by a spotter catcher, clearly delineating protected areas and staged, directional clearing. A Vegetation and Fauna Management Plan will be prepared and will include measures to protect areas of retained vegetation, weed management measures and supervision of works by a minimum AQF Level 5 Arborist and a DES licensed fauna spotter-catcher.

Surveys detected one (1) SL species – diggings typical of the *Tachyglossus aculeatus* (short beaked echidna) were observed within the site. It is likely that the proposed development will impact on habitat, including breeding habitat, for this species in particular vegetation within Vegetation Associations A and B. It is recommended that a Species Management Program be approved for this species given impacts on breeding habitat are likely to occur. A High Risk SMP is required for fauna identified under the NCA as either least concern colonial breeders, extinct in the wild, critically endangered, endangered, vulnerable, near threatened, or a special least concern. The High Risk SMP approval is required prior to works commencing and the SMP has a standard term of three (3) years.

5.4.3 Rehabilitation

To offset the residual impacts that the proposed development may incur on the site's intrinsic and extrinsic environmental values, the vegetation within the proposed reserve will be rehabilitated including weeding and revegetation using species from the preclearing regional ecosystems where required to increase cover in disturbed areas that lack native vegetation cover. The restoration and protection of vegetation in the proposed reserve will enhance existing biodiversity and habitat values, and improve the corridor and buffer functional contributions of this part of the site to local and regional ecosystems.

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6. Conclusions

Field surveys were undertaken on the site in May 2024. A total of 94 species of flora were detected during the surveys, comprising 64 native species and 30 non-native species, two (2) of which are Category 3 Restricted invasive plants under the Qld *Biosecurity Act 2016 - Cryptostegia grandiflora* (rubber vine), *Lantana camara* and *Schinus terebinthifolius* (broad leaved pepper).

Five (5) vegetation associations were mapped over the site:

- Vegetation Unit A Remnant Corymbia Melaleuca woodland / open forest RE 11.2.5;
- Vegetation Unit B Regrowth Corymbia Melaleuca woodland / open forest RE 11.2.5;
- Vegetation Unit C Regrowth Corymbia Melaleuca woodland open forest RE 11.2.5 with marine plants in ground stratum;
- Vegetation Unit D Mangrove woodland and samphire forbland RE 11.1.4 and RE 11.1.2; and
- Vegetation Unit E Anthropogenic grassland.

Vegetation Units A and D meet the benchmark structural and floristic criteria to be considered remnant vegetation. No State or Commonwealth listed EVNT flora species were observed within the site. Two (2) Special Least Concern flora species were observed: *Acrostichum speciosum* (mangrove fern) and *Livistona decora* weeping cabbage palm. These species are not threatened species but listed as Special Least Concern flora under the NCA due to collection pressure. *Acrostichum speciosum* is also identified as a marine plant under the Fisheries Act even when found above the high tide mark. This species is entirely within the proposed protected area. *Livistona decora* is present in large number throughout the site including within the proposed protected area.

Thirty-three (33) species of vertebrate fauna were observed within the subject site during surveys including two (2) reptile species, 29 bird species and two (2) mammal species. No conservation significant species of fauna were encountered on-site, nor was any direct or indirect evidence observed that would suggest the site is utilised by conservation significant fauna species.

An assessment of the results of the desktop surveys and field investigations against the proposed development design indicates that the development is unlikely to result in a significant impact on values identified as Matters of National Environmental Significance (MNES).

Matters of State Environmental Significance (MSES) and Matters of Local Environmental Significance (MLES) as identified in the *Livingstone Shire Planning Scheme 2018 Biodiversity Overlay Code* mapped over the site include

- MSES: Remnant (Least concern Regional Ecosystems 11.1.2 and 11.2.5) vegetation that has
 Essential Habitat values for threatened species including the Vulnerable estuarine crocodile
 (Crocodylus porosus), the Endangered eastern curlew (Numenius madagascariensis) and the
 Vulnerable Western Alaskan bar-tailed godwit (Limosa lapponica baueri); and
- MLES: Habitat and Vegetation Native remnant vegetation (Regional Ecosystems 11.1.2 and 11.2.5);
 Local Biodiversity Corridors sub-regional corridor; Wetlands and waterways estuarine wetland on Mulambin Ck foreshore.

Surveys identified the vegetation in the western parts of the site provide habitat values for the abovementioned threatened species and significant values including marine plants, wetland buffering and biodiversity corridor function.

Following a request for information from Council and SARA, the subdivision design was revised to increase the proposed protected area, providing enhanced protection of existing values and ecological functions

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(buffering and corridor functions). The proposed three (3) hectare reserve protects a minimum of 30% of the site area, as required by State Code 16 – Native vegetation clearing.

The revised design reduced the development footprint, facilitating increased protection for mapped and ground truthed significant values including:

- Protection of all regional ecosystem types mapped over the site including Regional Ecosystems 11.1.2
 and 11.2.5 which provide habitat for the Vulnerable estuarine crocodile (*Crocodylus porosus*), the
 Endangered eastern curlew (*Numenius madagascariensis*) and the Vulnerable Western Alaskan bartailed godwit (*Limosa lapponica baueri*);
- · Increased buffering to MLES wetlands along Mulambin Ck (minimum 100-200m); and
- Increased protection of habitat that contributes to a north-south sub-regional corridor that protects areas of local habitat as identified in the Livingstone Shire Planning Scheme 2018 Biodiversity Overlay Code.

In addition to the above mapped values, the site surveys detected diggings typical of the *Tachyglossus aculeatus* (short beaked echidna) within the site. This species is identified as Special Least Concern under the Queensland *Nature Conservation Act 1992* (NCA). It is likely that the proposed development will impact on breeding habitat for this species so it is recommended that a Species Management Program (SMP) be approved for the development prior to works commencing.

Recommendations for site specific impact avoidance, minimisation and mitigation measures during clearing, construction and operation of the development are provided within this document, including management of significant fauna, rehabilitation of the proposed reserve, vegetation protection, erosion and sediment control.

In summary, the proposed development will result in impacts on mapped and ground truthed ecological values however provided the proposal is developed in accordance with the recommendations of this report it is considered that it is compliant with the applicable Performance Outcomes of State Code 16: Native vegetation clearing and the Livingstone Shire Planning Scheme 2018 Biodiversity Overlay Code.

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7. Definitions

DAF Queensland Department of Agriculture and Fisheries

DBH Diameter at Breast Height

DES/DESI Queensland Department of Environment Science and Innovation

EPBC Environmental Protection and Biodiversity Conservation Act 1999

EVNT Endangered, Vulnerable or Near Threatened

MES Matters of Environmental Significance

MLES Matters of Local Environmental Significance

MNES Matters of National Environmental Significance

MSES Matters of State Environmental Significance

NCA Nature Conservation Act 1992

PPFST Protected Plants Flora Survey Trigger Map

RE Regional Ecosystem

RVM Regulated Vegetation Map

SARA State Assessment Referral Agency

KSAT Koala Spot Assessment Technique

SDAP State Development Assessment Provision

SPP State Planning Policy

SPRP State Planning Regulatory Provisions

VMA Vegetation Management Act 1999

VMS Map Vegetation Management Support Map

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Appendix A - Proposed Plan of Development (Barlow Shelley, 2024)

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APPLICATION FOR RECONFIGURATION OF A LOT (1 INTO 85) AT 1-41 NEVILLE STREET, MULAMBIN, QLD 4703 LOT 2 ON RP617670 FOR RED EMPEROR PTY LTD JOB No. 2415





SCHEDULE OF DRAWINGS

DWG	DESCRIPTION
2415 - P01	LOCALITY PLAN AND SCHEDULE OF DRAWINGS
2415 - P02	OVERALL LAYOUT AND KEY PLAN
2415 - P03	PLAN OF DEVELOPMENT SHEET 1
2415 - P04	PLAN OF DEVELOPMENT SHEET 2
2415 - P05	PLAN OF DEVELOPMENT (AERIAL IMAGE) SHEET 1
2415 - P06	PLAN OF DEVELOPMENT (AERIAL IMAGE) SHEET 2
2415 - P07	ROAD HERARCHY PLAN
2415 - P08	PROPOSED TYPICAL ROAD CROSS SECTIONS
2415 - P09	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
2415 - P10	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 2
2415 - P12	PRELIMINARY SERVICES PLAN SHEET 1
2415 - P13	PRELIMINARY SERVICES PLAN SHEET 2

PROPERTY DESCRIPTION

LOT 2 ON RP617670 1.41 NEVILLE STREET, MULAMBIN, OLD 4703 SITE AREA = 10.03 Ha DEVELOPMENT AREA = 6.92 Ha

THESE PLAYED HAVE BEEN PREPARED FOR A MATERIAL CHANGE OF USE APPLICATION ONLY AND ARE NOT SHITTABLE FOR SUBMISSION WITH ANY OTHER COUNCIL APPLICATION.

COVE DESIGN BASED ON.
FIELD SERVEY BY CAPRICORN SURVEY GROUP CO
OWNS IN GREEN DATED 7204-2024

NOTE
THESE DESIGN GROWINGS HAVE SEEN PREPARED FROM THIRD HARDY INFORMATION RECEIVED FROM THE FOLLOWING
CONGRETANTS. ALL SET OUT, LEVELS AND LOCATIONS MUST HE CROSS GREGOED BY A LOCASSED SURVEYOR BEFORE
COMMERCING CONSTRUCTION TO DESCRIPE COMPLIANCE WITH CURRENT MAPPING GREGS, HEIGHT GATHASS AND BUILDING
SETMICHES.
SURVEYOR. CAPRICORN EXPINEY GROWIP CO. PH. 67 627 5199
ENVIRONMENTAL ASSESSMENT. BURDHULS ENDINEESING SOLUTIONS. PH. 67 5509 4409

REV	DATE	DESCRIPTION	BY	СНКД	DETA	ILS	SCALE APPROVED
A	25.06.24	FOR APPROVAL	EC	CS	~		
8	03.07.24	FOR APPROVAL	EC	CS	EXATUM	AHD	
C	19.09.24	COUNCIL I SARA REI RESPONSE	TW	TB	DESIGN	CS.	12500 50 0 50 100 A1 CAMP RECORD
0	28.10.24	RFI RESPONSE	EC	CE	DRAWN	EC	15000 55555
					Ch. Actains	5.0	Director: TONY SMELLEY
	_				DESIGN CHECK	TB	(RPEQ 7736)
-				-	DATE	25-06-24	This drawing is not to be copied on amended without written permission from FOR APPROVAL.



PROPOSED RESIDENTIAL DEVELOPMENT
AT 1-41 NEVILLE STREET, MULAMBIN, QLD 4703
FOR RED EMPEROR PTY LTD

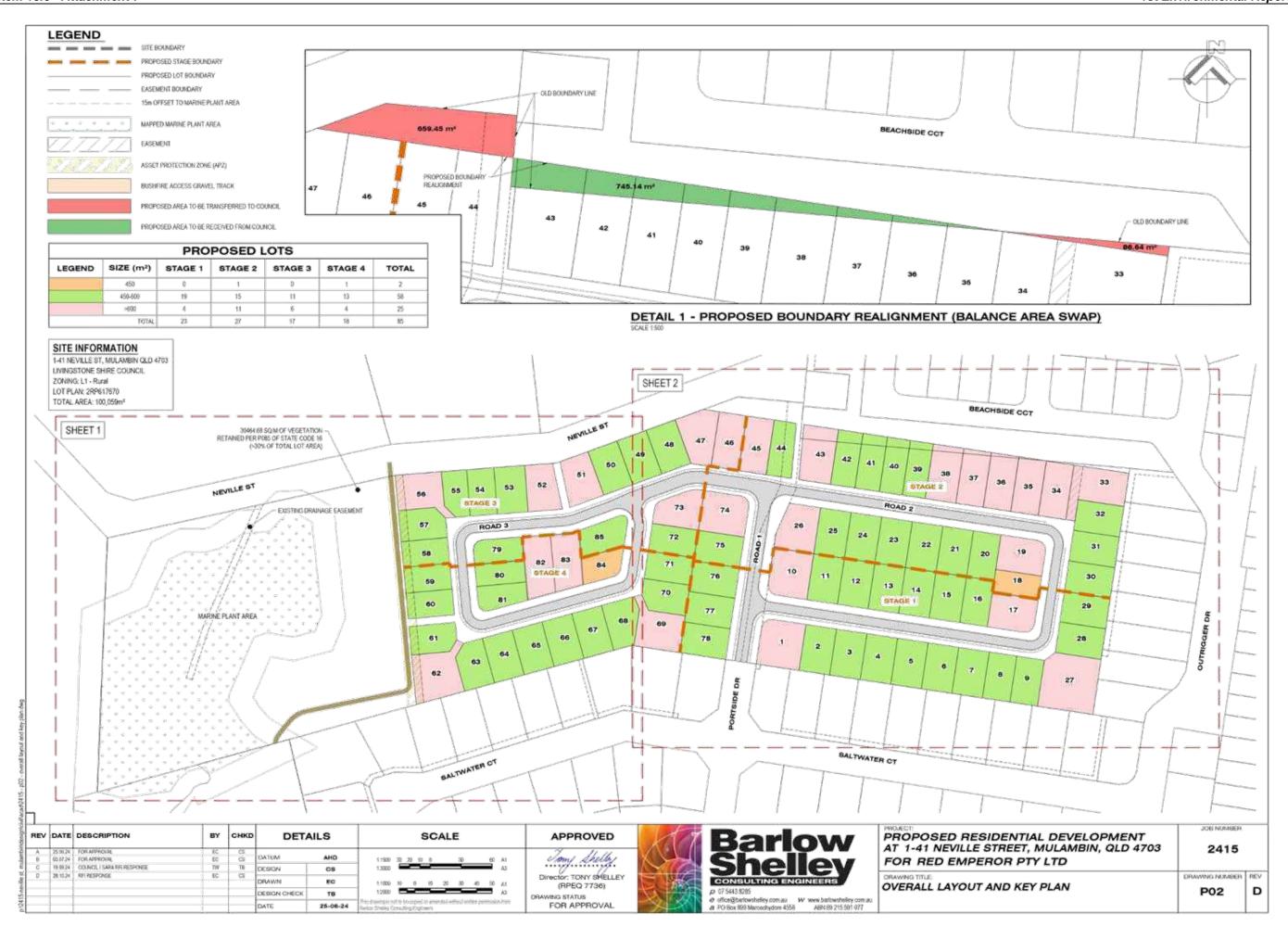
LOCALITY PLAN AND SCHEDULE OF DRAWINGS

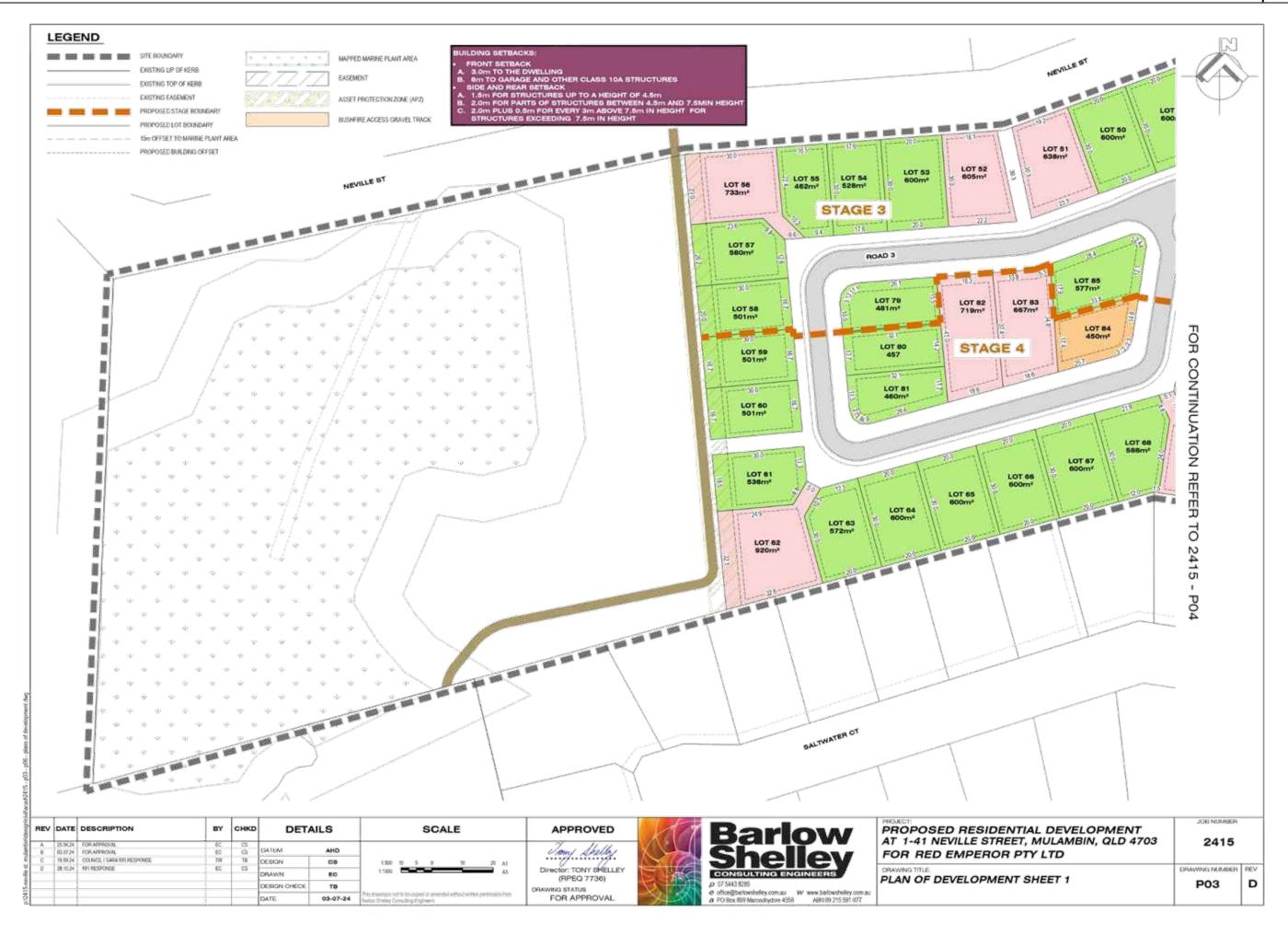
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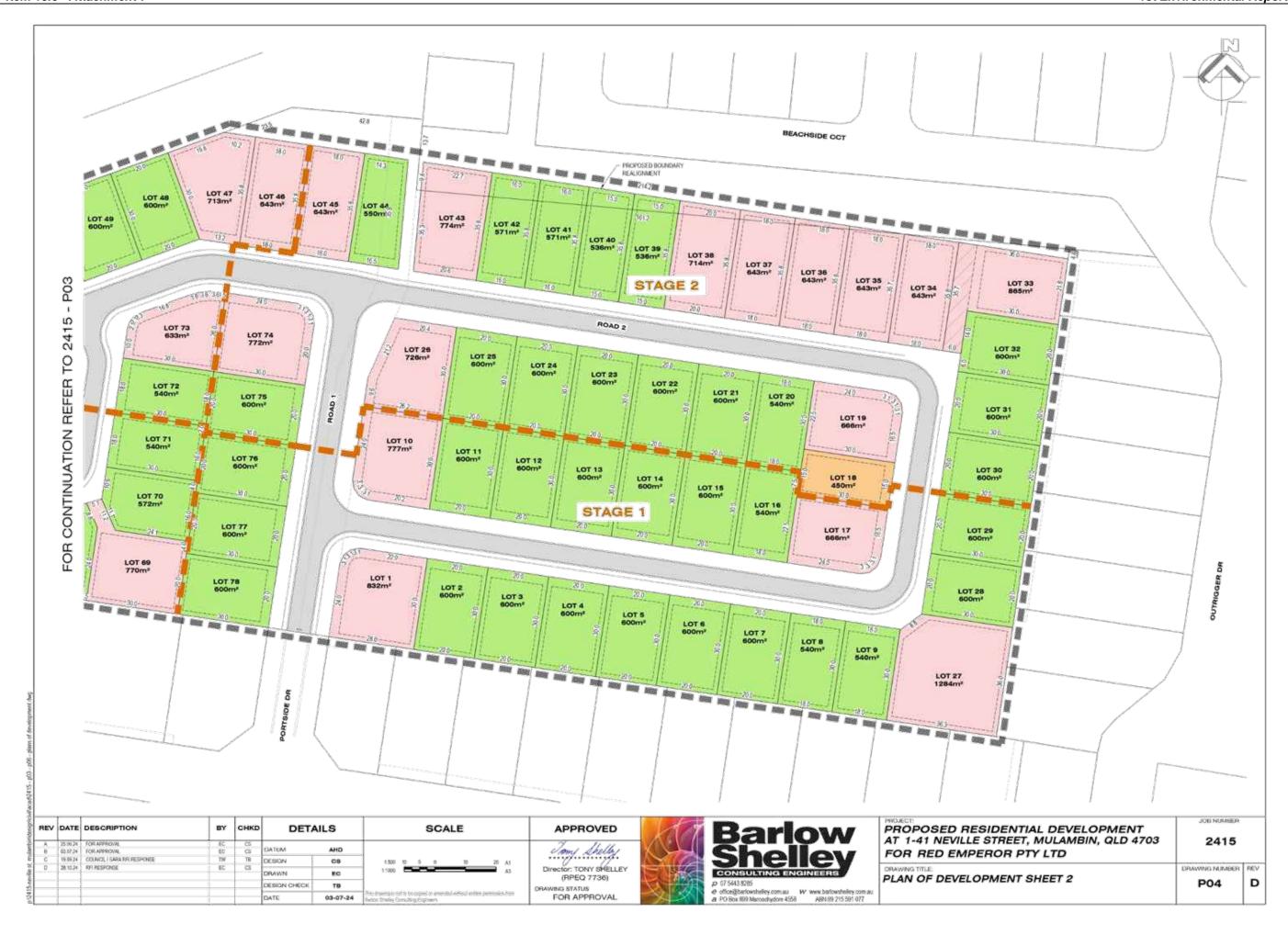
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Attachment 7

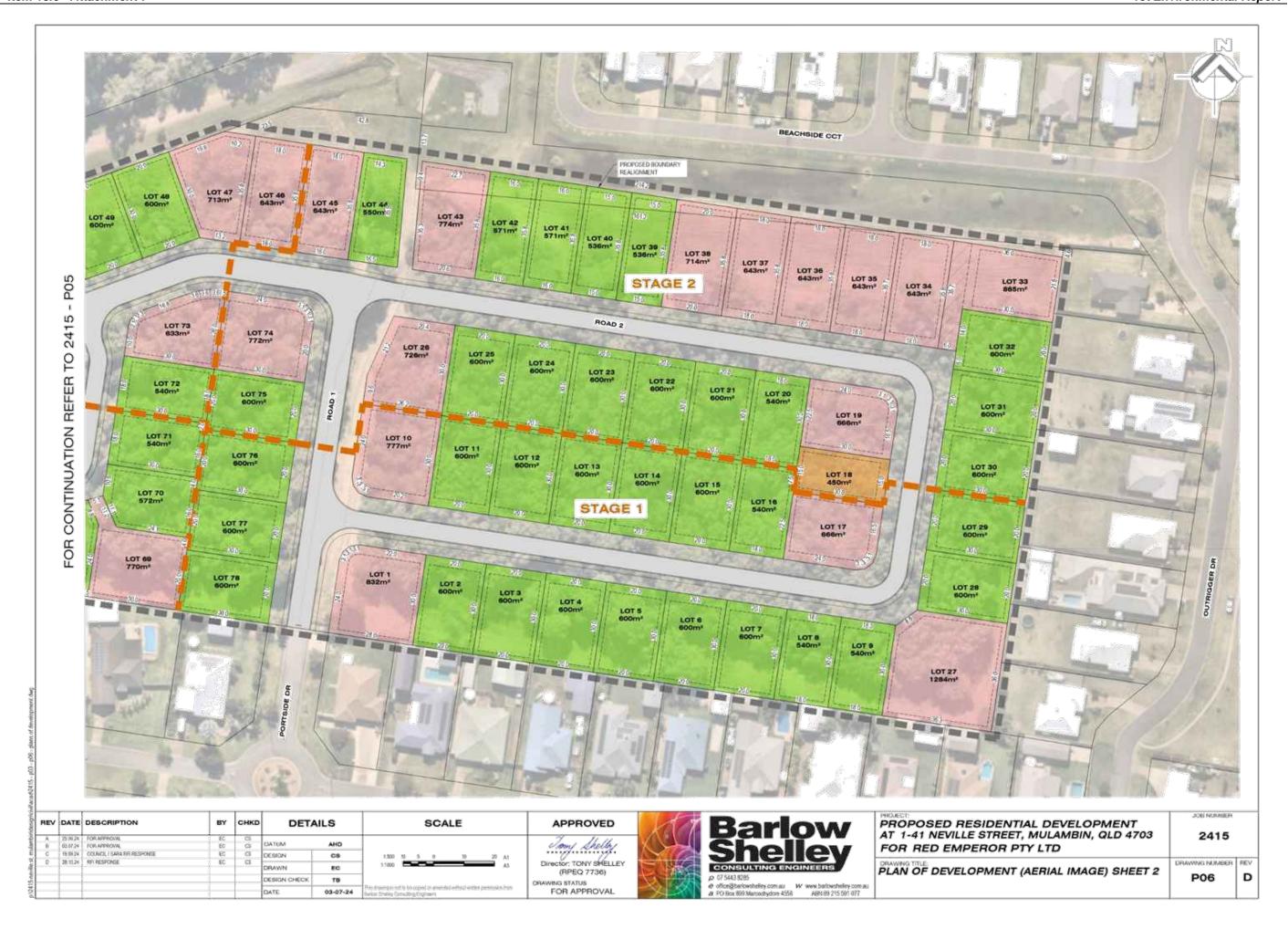
Page 539

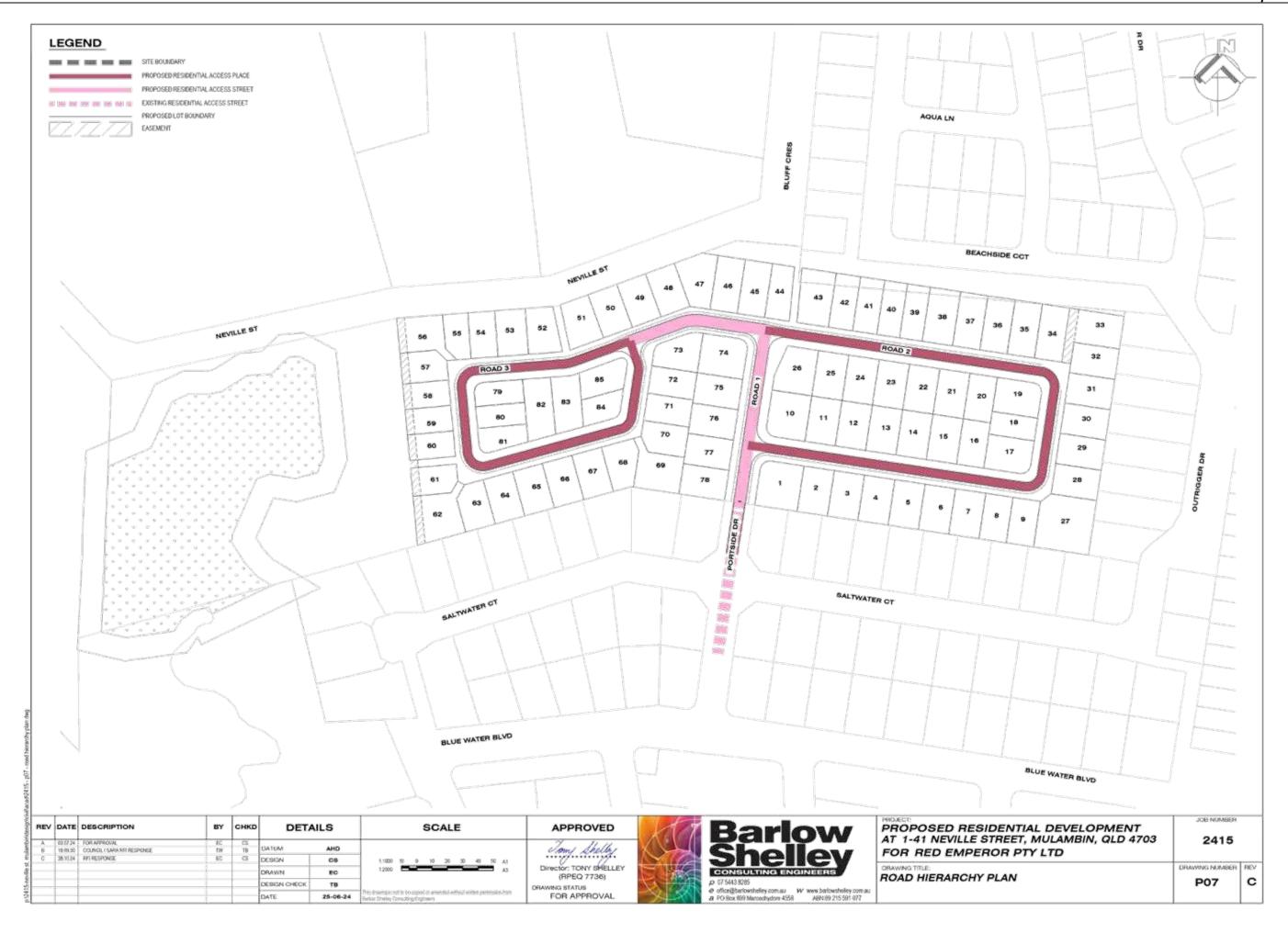


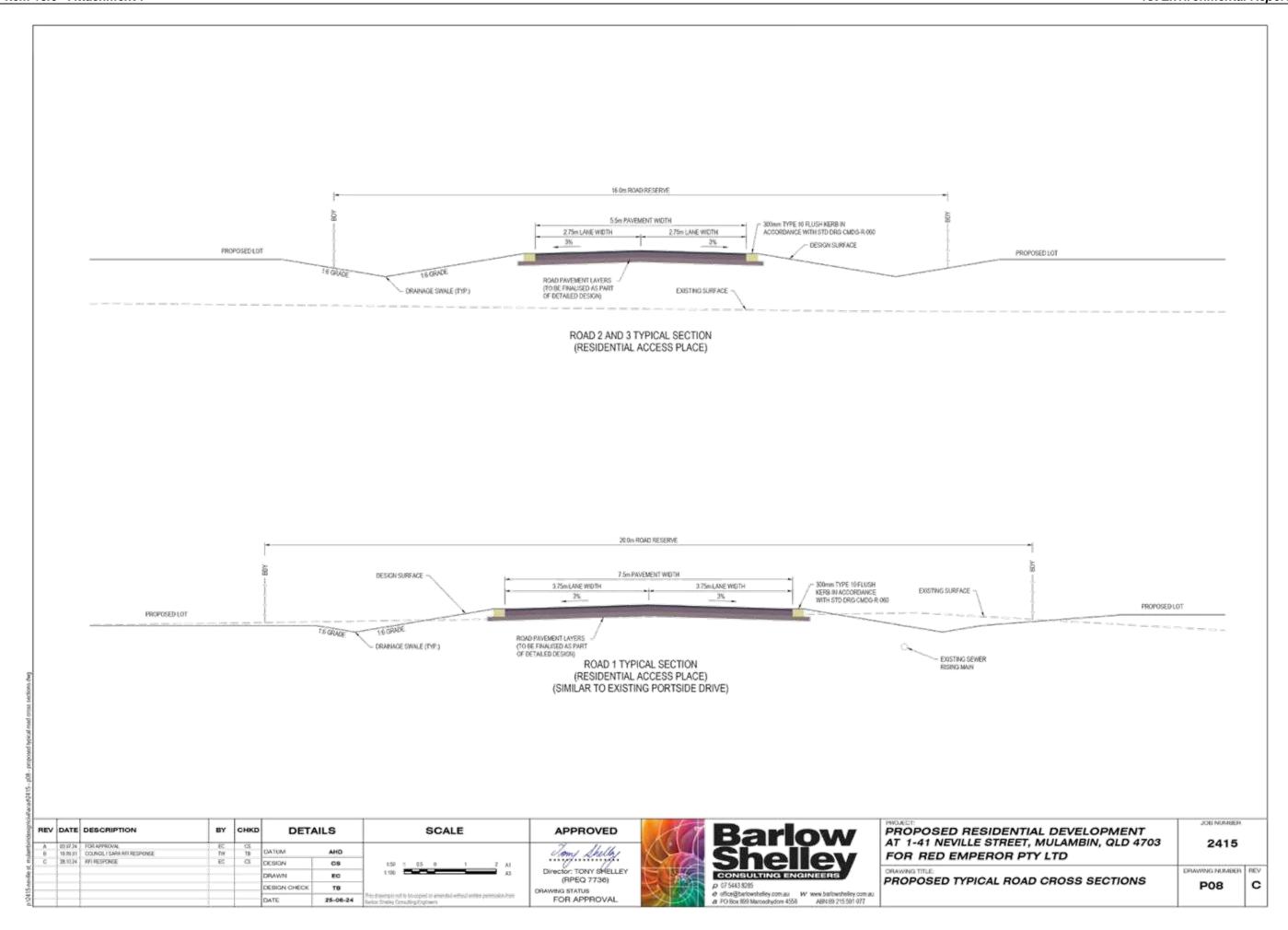


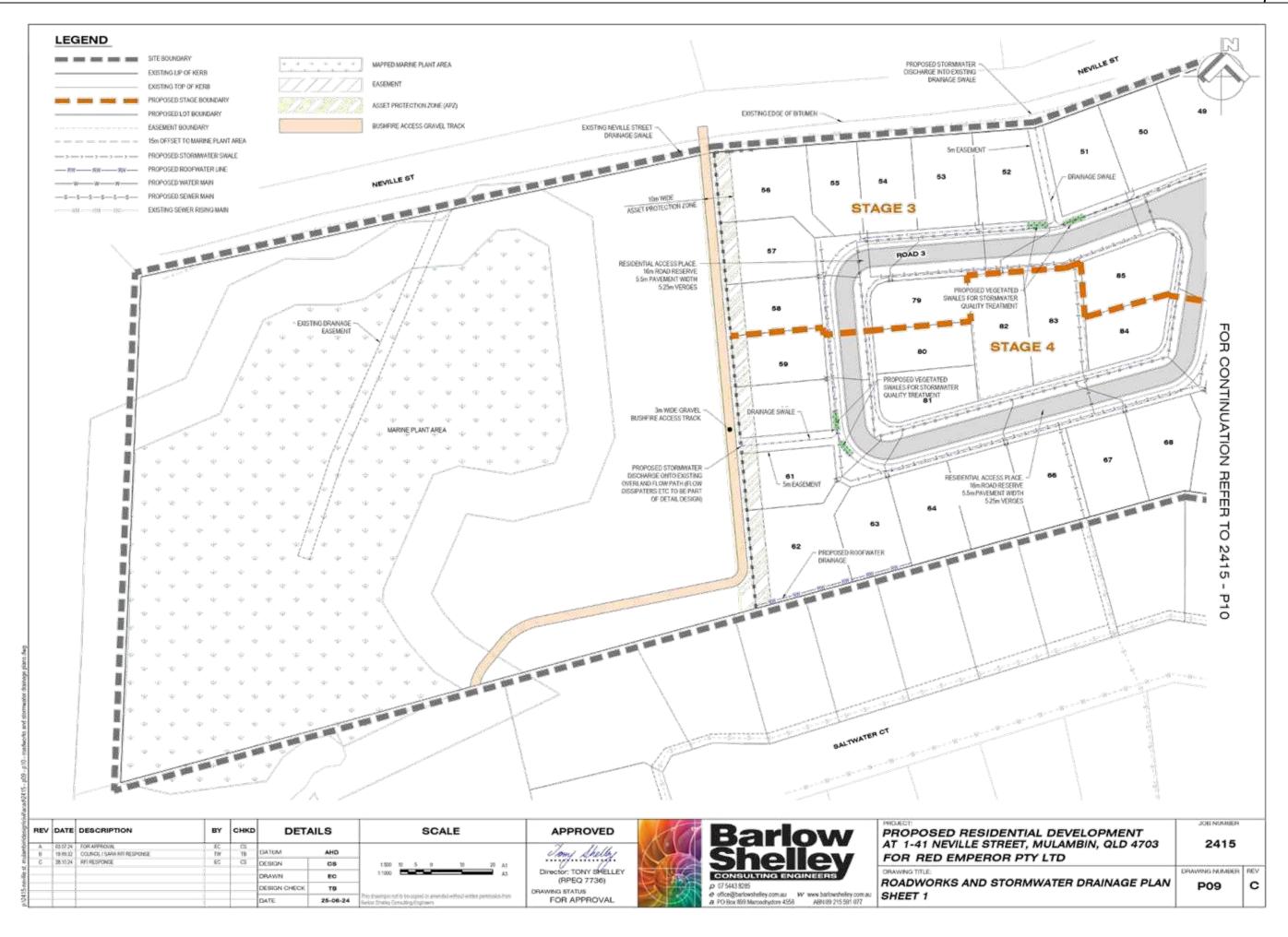


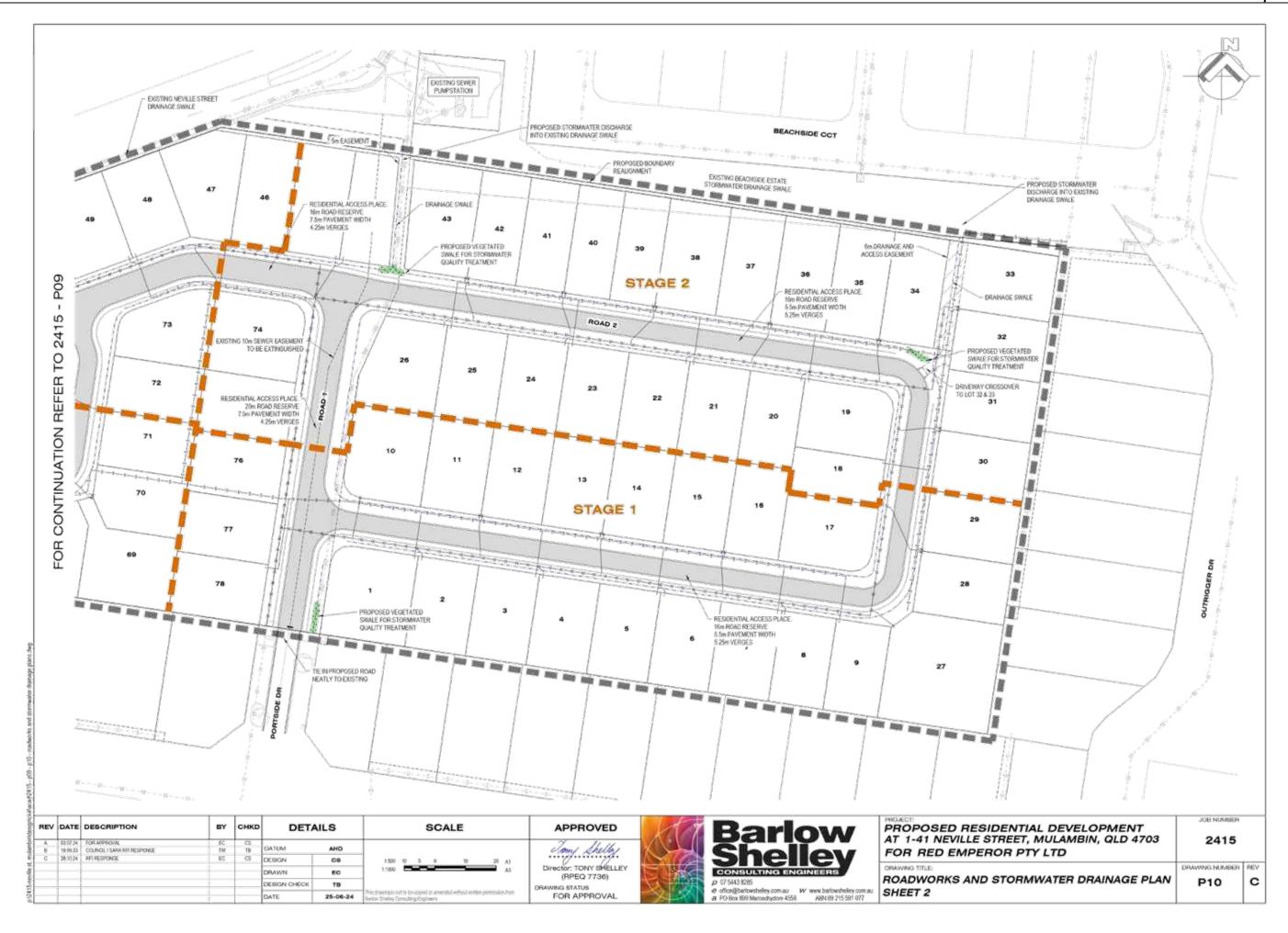


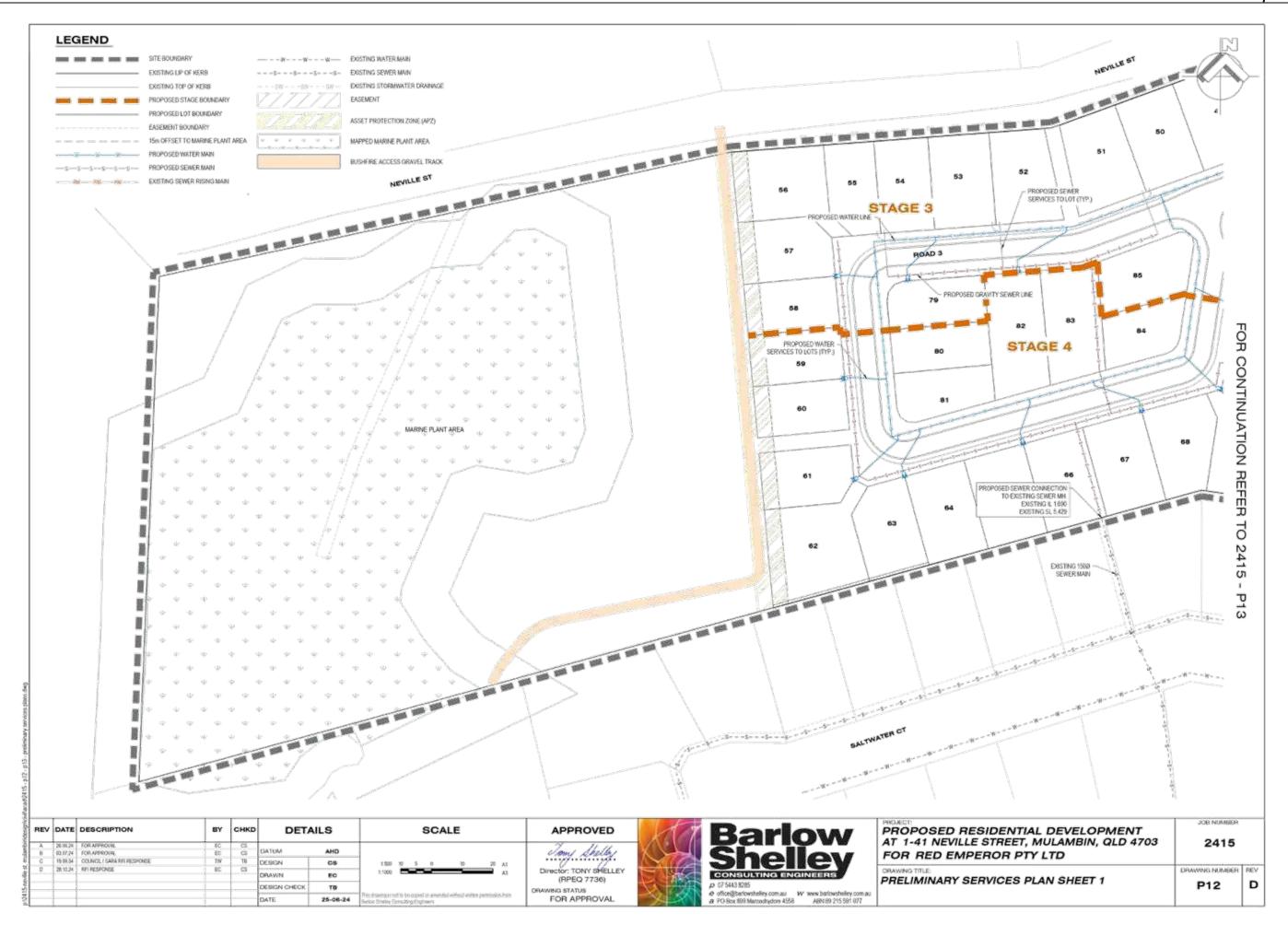


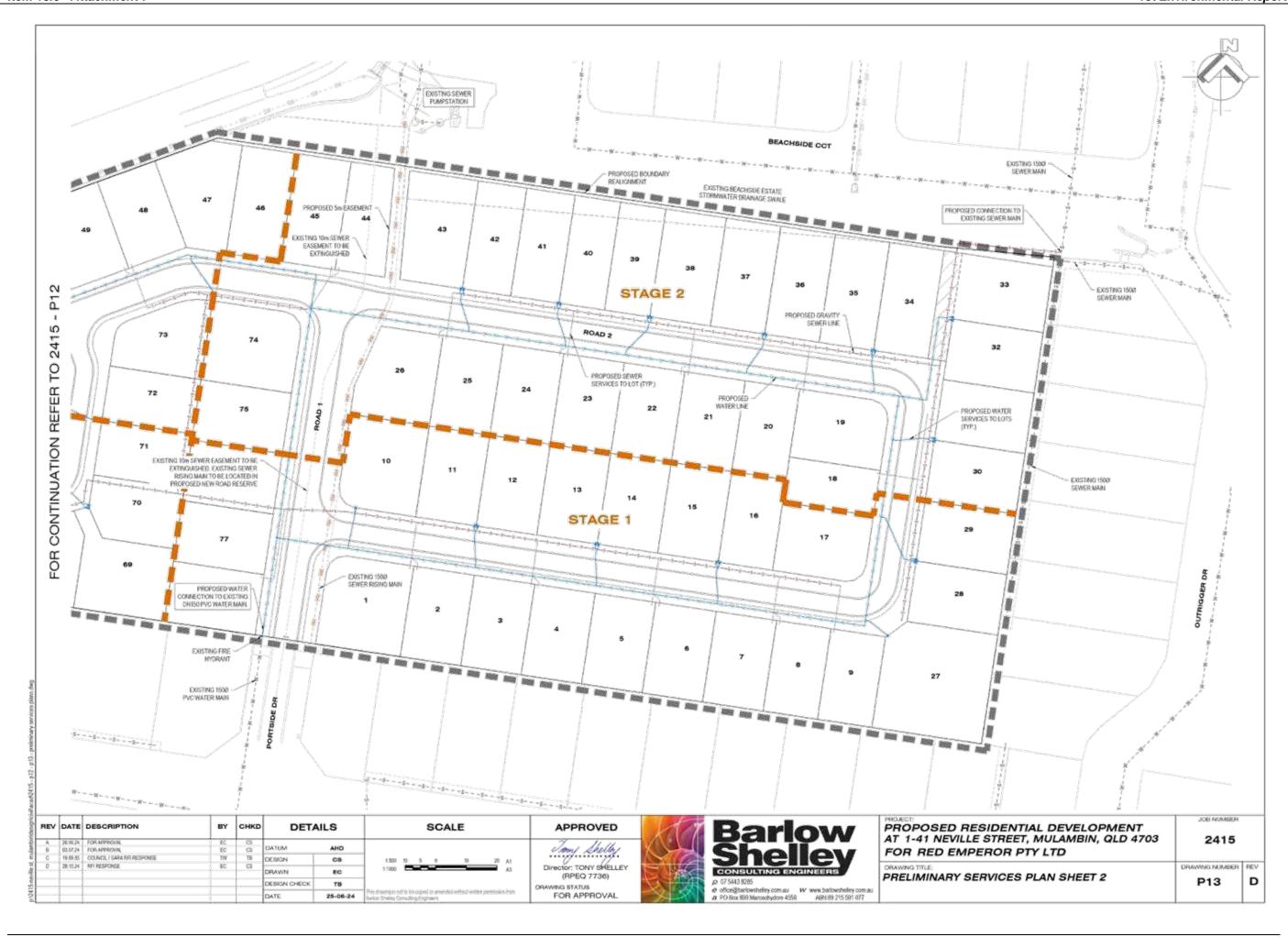














Appendix B - Desktop Review Search Results

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Appendix C - Flora Species Identified On-Site

Scientific Name	Common Name	1	Biosecurity Act	Q	
Acacia aulacocarpa	salwood			С	
Acacia crassa subsp. longicoma	curracabah wattle			С	
Acrostichum speciosum	mangrove fern			SL	
Ajuga australis	Australian bugle			С	
Alectryon connatus	grey birds-eye			С	
Allocasuarina littoralis	black sheoak			С	
Alphitonia excelsa	soap tree			С	
Alternanthera pungens	khaki weed	Y			
Amaranthus viridis	green amaranth	Y			
Apowollastonia spilanthoides				С	
Avicennia marina	grey mangrove			С	
Banksia integrifolia	coastal banksia			С	
Breynia oblongifolia	coffee bush			С	
Carissa ovata	currantbush			С	
Catharanthus roseus	Madagascar Periwinkle	Y			
Cenchrus echinatus	Mossman River grass	Y			
Ceriops australis	yellow mangrove			С	
Chloris gayana	Rhodes grass	Y		1	
Clerodendrum tomentosum	hairy lolly bush			С	
Corymbia intermedia	pink bloodwood			С	
Corymbia tessellaris	Moreton Bay ash			C	
Crassocephalum crepidioides	thickhead	Y			
Cryptostegia grandiflora	rubber vine	Y	Restricted Cat 3		
Cupaniopsis anacardioides	tuckeroo			С	
Cymbopogon refractus	barbed-wire grass			С	
Cynodon dactylon	common couch	Y			
Cyperus brevifolius	Mullumbimby couch	Y			
Cyperus gracilis	-			С	
Cyperus polystachyos	bunchy flat-sedge			С	
Desmodium rhytidophyllum				С	
Desmodium tortuosum	Florida beggar-weed	Y		1	
Dianella caerulea				С	
Digitaria ciliaris	summer grass	Y			
Diospyros geminata	scaly ebony			С	
Dodonaea viscosa	sticky hops bush			С	
Erigeron bonariensis	flax leaf fleabane	Y			
Eucalyptus platyphylla	poplar gum			С	
Eucalyptus tereticornis	Qld blue gum			С	
Euroschinus falcata var. falcata	ribbonwood	_		С	

Land .

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Scientific Name	Common Name	1	Biosecurity Act	Q
Eustrephus latifolius	wombat berry			С
Exocarpos latifolius	beach cherry			С
Ficus opposita	sandpaper fig			С
Fimbristylis ferruginea	rusty sedge			С
Fimbristylis polytrichoides				С
Gahnia aspera	red sawsedge			С
Glochidion sumatranum	umbrella cheese tree			С
Glossocardia bidens	native cobbler's pegs			С
Heptapleurum actinophyllum	umbrella tree			С
Heteropogon contortus	black speargrass			С
Hibbertia scandens	snake vine			С
Imperata cylindrica	blady grass			С
Indigofera tinctoria		Y		
Ipomoea cairica	mile-a-minute	Y		
Jasminum didymum	native jasmine			С
Lantana camara	lantana	Y	Restricted Cat 3	
Livistona decora	weeping cabbage palm			SL
Lomandra longifolia	matrush			С
Lophostemon suaveolens	swamp box			С
Lumnitzera racemosa	black mangrove			С
Macaranga involucrata	macaranga			С
Macroptilium atropurpureum	siratro	Y		
Mallotus discolor	white kamala			С
Megathyrsus maximus	Guinea grass	Y		
Melaleuca dealbata	swamp tea-tree			С
Melaleuca quinquenervia	swamp paperbark			С
Melinis repens	red natal grass	Y		<u> </u>
Myoporum acuminatum	Coastal Boobialla			С
Oplismenus aemulus	creeping shade grass			С
Oxalis corniculata	creeping wood sorrel	Y		
Pandanus tectorius	screw pine			С
Paspalum vaginatum	saltwater couch	Y		
Passiflora foetida	stinky passion flower	Y		1
Passiflora suberosa	corky passion flower	Y		
Petalostigma pubescens	quinine tree			С
Pittosporum spinescens				С
Planchonia careya	cockatoo apple			С
Pleiogynium timorense	Burdekin plum			С
Psydrax odorata forma buxifolia	shiny leaved canthium			С
Pteridium esculentum	bracken			С
Rivina humilis	coral berry	Y		

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Common Name	1	Biosecurity Act	Q	
beaded samphire			С	
broad leaved pepper	Υ	Restricted Cat 3		
South African pigeon grass	Y			
flannel weed	Y		1	
black nighshade	Υ			
giant Parramatta grass	Y			
salt couch			С	
Jamaica snakeweed	Υ		1	
tape vine			С	
Australian almond			С	
kangaroo grass			С	
poison peach			С	
urena weed	Y			
sand couch			С	
	beaded samphire broad leaved pepper South African pigeon grass flannel weed black nighshade giant Parramatta grass salt couch Jamaica snakeweed tape vine Australian almond kangaroo grass poison peach urena weed	beaded samphire broad leaved pepper Y South African pigeon grass Y flannel weed Y black nighshade Y giant Parramatta grass Y salt couch Jamaica snakeweed Y tape vine Australian almond kangaroo grass poison peach urena weed Y	beaded samphire broad leaved pepper Y Restricted Cat 3 South African pigeon grass Y flannel weed Y black nighshade Y giant Parramatta grass Y salt couch Jamaica snakeweed Y tape vine Australian almond kangaroo grass poison peach urena weed Y	

^{*}Status:

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C = Least Concern under NCA, SL = Special Least Concern Under the NCA, I = Introduced



Appendix D – Conservation Significant Fauna Species Likelihood of Occurrence Assessment

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Table D1: Likelihood of Occurrence of Conservation Significant Fauna Species on Site

This table incorporates the results of the desktop assessment and the site survey results to determine whether species recorded in the desktop survey results are likely to occur on or near the site based on existing habitat and resources available. Species' habitat descriptions are summarised from the Commonwealth DoEE EPBC SPRAT (Species Profile and Threat) Database (https://www.environment.gov.au/cgi-bin/sprat/public/sprat.pl or for species not listed under the EPBC – the Qld Dept of Environment and Science 'Threatened Species Profiles' https://environment.des.qld.gov.au/wildlife/threatened-species/ and or the NSW OEH Threatened Species Profiles database https://www.environment.nsw.gov.au/threatened-speciesapp/.

Scientific Name	Common Name	Status EPBC	Status NCA	Likelihood of Occurrence on Site
Actitis hypoleucos	Common sandpiper	MWS	SL	POSSIBLE Actitis hypoleucos utilises a wide range of coastal wetlands and inland wetlands, primarily found around muddy margins or rocky shores, estuaries, stream banks, lakes, pools, billabongs, reservoirs, dams and claypans, and occasionally piers and jetties, mangroves, and areas of mud littered with rocks and / or snags. Roosts on rocks or in roots or branches of vegetation, mangroves, posts, jetties, moored boats and other artificial structures. This species forages in shallow water and on bare soft mud at the edges of wetlands, often where obstacles project from substrate and sometimes ventures into grassy areas adjoining wetlands. The common sandpiper feeds on molluscs, crustaceans and insects. This species has been recorded at Causeway Lake south of the site (eBird record, 1997) and suitable habitat for this species is present in the wetland habitat along Mulambin Ck foreshore in and near the site.
Calidris ruficollis	Red-necked stint	MWS	SL	POSSIBLE Calidris ruficollis is a small wader that migrates in summer from Siberia and is found widely around Australia except the arid inland. It prefers intertidal mudflats in sheltered coastal areas including estuaries, bays, inlets, lagoons, non-tidal swamps, coastal lakes and lagoons with exposed sandy or muddy edges. Other habitats this species forages within include saltmarsh, wet mats of algae or waterweed and banks of beachcast seagrass or seaweed. Typically, this species forages in small groups, and mixed flocks feeding primarily on invertebrates (worms, molluscs, crustaceans, and insects). This species has been recorded at Mulambin Beach (ALA record, 1998) and suitable habitat for this species is present in the wetland habitat along Mulambin Ck foreshore in and near the site.
Calyptorhynchus lathami erebus	glossy black-cockatoo (northern)	V	С	UNLIKELY Calyptorhynchus lathami erebus inhabit open forests and woodlands of the north and central east coast of Queensland. T preferring drier forests within intact landscapes. They mostly feed on Allocasuarina spp in coastal Qld with some reports of feeding on Casuarina spp in western Qld. This species shows string fidelity to feed trees and have been known to fly upto 10km to seek out their preferred feeding trees. The chewed cones (orts) are typically used in surveys to determine feed tree presence in a site. Glossy Black-Cockatoos are also dependent on large eucalypt hollows (at least 14 cm in diameter) for nest sites and will typically select hollow bearing trees close to a fresh water source. The same hollow may

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Scientific Name	Common Name	Status EPBC	Status NCA	Likelihood of Occurrence on Site
				be reused in subsequent years by the same or different females. Breeding occurs from March to August, with laying in autumn and nesting over winter. Suitable breeding hollows were not detected within the study area, however the study area has potential foraging resources though no confirmed feed trees were detected. Based on historical records (ALA) this species does not appear to be utilise the local region and is unlikely to be dependent on the site's habitat.
Crocodylus porosus	Estuarine crocodile	-	V	POSSIBLE This species is the largest reptile species in the world and is widespread in northern Australia, inhabiting waterways from Rockhampton in Queensland, throughout coastal Northern Territory and across to King Sound, near Broome in Western Australia. They are also not uncommon on offshore islands of the Great Barrier Reef. Their habitat is typically rivers, estuaries, creeks, swamps, lagoons, and billabongs and they can tolerate water salinity from 0% (freshwater) to 35% (sea water). During breeding this species creates a mound nest typically in wetland vegetation close to a water source. Given there are nearby records, it is possible that this species utilises the wetland habitat on Mulambin Ck on a transient basis.
Dasyurus hallucatus	Northern Quoll	E	С	UNLIKELY Dasyurus hallucatus populates a varied range of habitats which include eucalypt forest and woodlands, rocky areas, rainforests, shrubland, sandy lowlands and beaches, desert and grasslands. Additionally, this species is also known to occupy lowland habitats such as beachscrub communities. They can also occupy woodland or eucalypt forest due to these habitats having a high structural diversity for denning purposes. In general, Dasyurus hallucatus habitat contains some form of rocky area with surrounding vegetated habitats and are most abundant within 150km of the coast. Dasyurus hallucatus are omnivorous with a varied diet (Oakwood, 2008). Suitable habitat for this species is not present on the subject site.
Delma torquata	Collared Delma	V	V	UNLIKELY Delma torquata is endemic to Qld where it typically inhabits Poplar Box woodland on alluvial plains, Brigalow open forest on fine-grained sedimentary rocks and Spotted Gum open forest on coarse-grained sedimentary rocks in the Brigalow Belt bioregion (land zones 3,9 and 10). Suitable habitat for this species is not present on the subject site.
Egernia rugosa	Yakka Skink	٧	V	UNLIKELY Egernia rugosa is known to occur in a broad range of open forest, woodland and low shrub land vegetation types, predominantly on firm but friable soils but are also known to occur less frequently in rocky environs. The core of the yakka skink's distribution is within the Mulga Lands and Brigalow Belt South bioregions. Other populations are scattered throughout the Brigalow Belt North (east to the Rockhampton area) and Einasleigh Uplands bioregions, extending northwards to southern Cape York Peninsula. Recent surveys have detected populations along the Queensland/New South Wales border. Suitable habitat for this species is not present on the subject site.

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Scientific Name	Common Name	Status EPBC	Status NCA	Likelihood of Occurrence on Site
Epthianura crocea macgregori	Capricom Yellow Chat	CE	E	UNLIKELY The species is restricted to coastal areas of central Queensland with confirmed and active breeding populations only known to occur on the Torilla Plain and Fitzroy River Delta. A historical population existed at Curtis Island however based on surveys in 2007 it is now considered that this population is extinct. The Yellow Chat inhabits marine plain wetlands that are subject to extensive seasonal inundation and varying degrees of both fresh and saltwater (tidal) influence. Though this habitat is present along Mulambin Ck, it is highly unlikely this species would utilise the site's habitat based on current activity records.
Erythrotriorchis radiatus	Red goshawk	E	E	UNLIKELY The Red Goshawk is endemic to Australia where it is sparsely dispersed across approximately 15% of coastal and sub-coastal Australia, from western Kimberley Division (north of 19°S) to northeastern NSW (north of 33°), and occasionally on continental islands. The Red Goshawk occurs in large bushland remnants of coastal and sub-coastal open forest and rainforest usually near watercourses. Such habitats typically support high bird numbers and biodiversity, especially medium to large bird species which the goshawk requires for prey. The Red Goshawk nests in large trees within 1km of permanent water. The closest ALA records for this species are in Rockhampton and surveys did not detect this species. It is unlikely that this species utilises the subject site.
Falco hypoleucos	Grey Falcon	V	V	UNLIKELY The rarest Australian falcon species, the distribution of this endemic species is restricted largely to arid areas with high annual average temperatures and annual rainfall of less than 500 mm. It favours lightly timbered and untimbered lowland plains that are crossed by tree-lined watercourses but frequents other habitats including grassland and sand dune habitats. The species has been observed hunting in treeless areas and frequents tussock grassland and open woodland, especially in winter. It is unlikely that this species utilises the subject site.
Furina dunmalli	Dunmall's Snake	V	V	UNLIKELY Furina dunmalli prefers a range of different habitats that are between 200 to 500m above sea level. These habitats include forests and woodlands on black alluvial cracking clay and clay loams dominated by native Cypress (Callitris spp.), Brigalow (Acacia harpophylla), other wattles (A. burowii, A. deanii, A. leioclyx) or Bull-oak (Allocasuarina luehmannii). Additionally, this species can also be found in various Blue Spotted Gum (Corymbia citriodora), Ironbark (Eucalyptus crebra and E. melanophioia), White Cypress Pine (Callitris glaucophylla) and Bulloak open forest and woodland associations on sandstone derived soils. Records show that some Furina dunmalli have inhabited the hard ironstone country near Dalby, Queensland. There is insufficient knowledge on the ecological requirements of this species, although some Furina dunmalli have been found taking refuge under fallen timber and ground litter as well as cracks in alluvial clay soil Suitable habitat for this species is not present on the subject site.

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Scientific Name	Common Name	Status EPBC	Status NCA	Likelihood of Occurrence on Site
Gallinago hardwickii	Latham's snipe	V	SL	UNLIKELY Gallinago hardwickii prefers permanent and ephemeral wetlands up to 2,000 m above sea-level. Usually the species inhabits open, freshwater wetlands with low, dense vegetation (e.g. swamps, flooded grasslands or heathlands, around water bodies). However, they can also occur in modified or artificial habitats, and in habitats located close to humans or human activity. Latham's snipe feeds mostly on seeds, other plant material primarily from Cyperaceae, Poaceae, Juncaceae, Polygonaceae, Ranunculaceae and Fabaceae and insects. Suitable habitat for this species is not present on the subject site.
Geophaps scripta scripta	Squatter Pigeon (southern)	V	V	UNLIKELY Geophaps scripta occurs on the inland slopes of the Great Dividing Range, with a distribution that extends from the Burdekin-Lynd divide in central Queensland, west to Charleville and Longreach, east to the coast from Prosperine to Port Curtis, and south to scattered sites in south-eastern Queensland. This ground-dwelling pigeon typically habits open-forests to sparse, open-woodlands and scrub that are dominated in the overstorey by Eucalyptus, Corymbia, Acacia or Callitris species with remnant, regrowth or partly modified vegetation communities, and within 3 km of water bodies or courses. In Qld, Squatter Pigeon (southern) foraging and breeding habitat is known to occur on well-draining, sandy or loamy soils on low, gently sloping, flat to undulating plains and foothills (Land Zone 5), and lateritic (duplex) soils on low 'jump-ups' and escarpments (Land Zone 7). It is unlikely that this species utilises the subject site.
Hirundapus caudacutus	White-throated Needletail	V	V	POSSIBLE Hirundapus caudacutus migrates to Australia in Summer where it is recorded in all coastal regions of Queensland and NSW, extending inland to the western slopes of the Great Divide and occasionally onto the adjacent inland plains. This species is almost exclusively aerial, most often seen at heights of less than 1 m up to more than 1000 m above the ground. Foraging in flight above a wide variety of more often wooded habitats but including, farmland, heathland, mudflats, open habitats, recently disturbed areas, updraughts near ridges or cliffs or sand-dunes. This species roosts in tree hollows or the canopy of open forests and woodlands. Hirundapus caudacutus was not seen during surveys, but the site may provide habitat for this species.
Limosa lapponica baueri	Western Alaskan bar- tailed godwit	E	V	UNLIKELY Limosa lapponica baueri is a large migratory shorebird which breeds in the northern hemisphere during the boreal summer, and whose distribution during non-breeding period mainly occurs along the north and east coasts of Australia. The bar-tailed godwit (western Alaskan) occurs mainly in coastal habitats such as large intertidal sandflats, banks, mudflats, estuaries, inlets, harbours, coastal lagoons and bays. It has also been recorded in coastal sewage farms and saltworks, salt lakes and brackish wetlands near coasts, sandy ocean beaches, rock platforms and coral reef-flats. This species usually forages near the edge of water or in shallow water, mainly in tidal estuaries and harbours. They prefer exposed sandy or soft mud substrates on intertidal flats, banks and beaches. It is unlikely that this species utilises the subject site.

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Scientific Name	Common Name	Status EPBC	Status NCA	Likelihood of Occurrence on Site
Macroderma gigas	Ghost bat	V	E	UNLIKELY Macroderma gigas have been recorded in both arid regions (Pilbara region) and rainforest areas (North Queensland). This species roosts in caves, old mine tunnels and in deep cracks in rocks. They usually roost in colonies but, because many of their roosting sites are being destroyed, it is rare to find large colonies. Ghost bats are distributed widely but patchily across the northern half of Australia and are found in a variety of tropical habitats. Suitable habitat for this species is not present on the subject site.
Monarcha melanopsis	Black-faced Monarch	мтѕ	SL	POSSIBLE Monarcha melanopsis (Black-faced Monarch) is a widespread and common summer breeding migrant from PNG found in eastern Australia from September to March where it habits rainforest, eucalypt forest and woodlands. The Black-faced Monarch builds a deep cup nest of casuarina needles, bark, roots, moss and spider web in the fork of a tree, about 3 m to 6 m above the ground. It is possible that this species utilises the subject site on a transient basis.
Myiagra cyanoleuca	Satin Flycatcher	MTS	SL	POSSIBLE Myiagra cyanoleuca are widespread in eastern Australia and are migratory, moving north in autumn to spend winter in northern Australia and New Guinea. Satin Flycatchers inhabit heavily vegetated gullies in eucalypt-dominated forests and taller woodlands, and on migration, occur in coastal forests, woodlands, mangroves and drier woodlands and open forests. It is possible that this species utilises the subject site on a transient basis.
Neochmia ruficauda ruficauda	Star Finch (eastern)	E	E	UNLIKELY The Star Finch (eastern) is a sedentary bird that feeds primarily on seeds but also eats insects and other invertebrates. This species has an extremely limited population with only 50 individuals estimated and is possibly already extinct. The distribution of this subspecies is poorly known, and it has disappeared from much of its former range. The most recent records occur in an area from near Wowan, north to Bowen, west to beyond Winton. It has been recorded from damp grasslands, sedgelands or grassy woodlands near permanent water or areas of regular inundation. Occasionally, individuals have been reported in disturbed habitat and suburban areas. This species is unlikely to utilise habitat on the subject site.

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Scientific Name	Common Name	Status EPBC	Status NCA	Likelihood of Occurrence on Site
				UNLIKELY
Numenius madagascariensis	eastern curlew	CE	E	Numenius madagascariensis is a large migratory shorebird. It is most commonly associated with sheltered coasts especially estuaries, bays, harbours and coastal lagoons, with large intertidal mudflats or sandflats and often with seagrass beds. The species is less frequently encountered on ocean beaches, coral reefs, rock platforms and rocky islets. Numenius madagascariensis predominantly forages on sheltered intertidal sandflats or mudflats which are open except for seagrass, often near mangroves, in saltmarsh, rockpools and beaches near the tide line. This species roosts during high tides on sandy spits and islets, especially on dry beach sand near the high-water mark, and among coastal vegetation including low saltmarsh or mangroves. Suitable habitat for this species is not present on the subject site.
Numenius phaeopus	Whimbrel	MWS	SL	UNLIKELY This migratory species has a largely coastal distribution and is found in all states including Tasmania. They breed in Siberia and migrate to Australia in summer. Often seen with the Eastern curlew this species may gather in large flocks on coastal and inland wetlands near swamps and flooded areas. It is unlikely that this species utilises the subject site.
Pandion haliaetus	Osprey	MWS	SL	POSSIBLE Pandion haliaetus occurs in littoral and coastal habitats and terrestrial wetlands. They are predominately found in coastal areas however, travel inland along major rivers. Osprey require extensive areas of fresh, brackish or saline water for foraging. This species typically feeds on fish, but may also feed on molluscs, crustaceans, insects, reptiles, birds and mammals and is reasonably tolerant of urbanised environments. It is possible that this species utilises the wetlands in the along Mulambin Ck for feeding.
Petauroides volans	Greater Glider	V	V	UNLIKELY Petauroides volans is found in a variety of eucalypt forest and woodlands preferring taller, montane, moist eucalypt forests with relatively old trees and abundant hollows. This species is nocturnal, sheltering in tree hollows during the day, and requires areas of undisturbed and unfragmented native forest of at least 160km2 to maintain viable populations. Suitable habitat for this species is not present on the subject site.
Petaurus australis australis	Yellow-bellied glider (south-eastern)	V	V	UNLIKELY The yellow-bellied glider (south-eastern) is found at altitudes ranging from sea level to 1400m above sea level and has a widespread but patchy distribution from south-eastern Queensland (Qld) to far south-eastern SA, near the SA-Vic border. Their distribution extends inland to the western slopes of the Great Dividing Range in parts of NSW and Qld The yellow-bellied glider (south-eastern) occurs in eucalypt-dominated woodlands and forests, including both wet and dry sclerophyll forests. The species shows a preference for large patches of mature old growth forest that provide

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				suitable trees for foraging and shelter with a high proportion of winter-flowering and smooth-barked eucalypts. Minimum habitat areas of 180–350 km2 are required to maintain a viable subpopulation.
				This species dens in hollows during the day and hollow-bearing trees used by the glider are primarily living, smooth-barked eucalypts. Sap is an important part of this species diet and characteristic feeding scars on trees are typically used to detect activity. Grey gums are most commonly utilised for feeding in Qld.
				Though the site contains suitable foraging and habitat resources, there are no ALA records within 30km of the subject site. This species has low dispersal capacity so it is therefore unlikely it utilises the site.
Phaethon lepturus	white-tailed tropicbird	М	SL	UNLIKELY The White-tailed Tropicbird (Christmas Island) is endemic to Christmas Island. The species nests over the whole island and feeds in warm waters off the coast. The Tropicbird is able to utilise a broad range of nest-sites, from trees in closed-canopy rainforest to bare sandy ground, to rugged rocky terrain in cliffs and quarries. It nests in deep, completely shaded hollows or crevices, and very occasionally on the ground. It is able to utilise a range of nest-sites, including hollows in rainforest trees and crevices on rock faces, cliffs and quarries. It is unlikely that this species utilises the subject site.
Phascolarctos cinereus	Koala	E	E	Phascolarctos cinereus inhabits dry open sclerophyll forests and woodlands occurring on fertile soils. Communities containing denser vegetation and larger trees are generally preferred; however Phascolarctos cinereus can also inhabit less optimal habitat such as young forests, highly fragmented vegetation communities, and small remnants. This species prefers to forage on leaves of Eucalyptus species but will also feed leaves of Corymbia, Angophora, Lophostemon and Melaleuca species. No evidence of this species was observed on-site, searches of available databases (e.g. WildNet and Atlas of Living Australia) indicate that there are no recent records of this species proximate to the site, and there is only a very small area of essential habitat for this species mapped on the site. It is therefore unlikely that this species utilises the site.
Poephila cincta cincta	Southern Black-throated Finch	Е	E	UNLIKELY The southern subspecies of the Black-throated Finch currently occurs in coastal northern Queensland and inland central Queensland. This small but brightly coloured species occupies woodland savannah and riverine vegetation. Inland it prefers grassy woodland dominated by eucalypts, paperbacks or acacias, while in coastal areas it occupies open grassy plains with Pandanus. This species' diet consists mainly of grass seed, flying insects, spiders and ants and their larvae. This species is mostly sedentary, and usually seen in pairs or flocks of up to 30 individuals. Flocks often forage, bathe, drink and rest together. This species was not observed during surveys and there are no ALA records in the local region. It is therefore unlikely to the subject site.
Pteropus poliocephalus	Grey-headed flying-fox	V	С	to utilise habitat on the subject site. POSSIBLE The grey-headed flying-fox occurs in the coastal belt from Rockhampton to Melbourne. It requires foraging resources (typically flowering gums and paperbark) and roosting sites. It is a canopy-feeding frugivore and nectarivore, which utilises vegetation communities including rainforests, open forests, closed and open woodlands, Melaleuca swamps

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				and Banksia woodlands. None of the vegetation communities used by the Grey-headed Flying-fox produce continuous foraging resources throughout the year, so the species selectively forages where food is available. As a result, patterns of occurrence and relative abundance within its distribution vary widely between seasons and between years. At a local scale, the species is generally present intermittently and irregularly. The Grey-headed Flying-fox roosts in camps – often mixed species (black and little red flying foxes) and of various sizes. They most frequently travel around 15km from a roost site to feed although are capable of traveling up to 50km as food resources change. While no roost sites were found on-site, grey-headed flying-fox may periodically forage on the site when suitable food resources are available.
Rhipidura rufifrons	Rufous Fantail	MWS	SL	POSSIBLE Rhipidura rufifrons is a north south migrant (and possibly altitudinal), inhabiting the dense undergrowth of rainforests, wet sclerophyll forests, swamp woodlands and mangroves. It is possible that this species utilises the subject site.
Rostratula australis	Australian painted snipe	E	E	UNLIKELY Rostratula australis is a cryptic species that is generally encountered singly or in pairs, and less frequently in small groups. This species is most common in eastern Australia where it is usually found in shallow inland permanent or temporary wetlands. This species is piscivorous and nests on sheltered beaches above the high tide mark. Suitable habitat for this species is not present on the site.
Symposiachrus trivirgatus	Spectacled Monarch	MTS	SL	POSSIBLE Symposiachrus trivirgatus is found in coastal north-eastern and eastern Australia, including coastal islands, from Cape York, Queensland to Port Stephens, New South Wales. Though migratory further south, this species is mostly resident in Qld where it typically inhabits thick understorey in rainforests, wet gullies, riparian vegetation and sometimes mangroves. Suitable habitat for this species is present on the subject site – mostly along Mulambin Ck.
Tringa nebularia	Common Greenshank	MWS	SL	POSSIBLE Tringa nebularia occurs in all types of wetlands including inland wetlands (e.g. swamps, lakes, dams, rivers, creeks, inundated floodplains) and sheltered coastal habitats of varying salinity (e.g. tidal pools, harbours, river estuaries, lagoons). The species prefer wetlands with mud or clay edges with bare, emergent or fringing vegetation including short sedges and saltmarsh, mangroves, thickets of rushes and dead or live trees. The Common Greenshank does not breed in Australia, however a population of 18,000–19,000 spend the non-breeding season in Australia. It is typically seen singly or in small to large flocks, foraging at the edges of wetland, mudflats, channels or among mangrove pneumatophores, occasionally feeding on exposed seagrass beds (Higgins & Davies 1996). Its diet consists of molluscs, crustaceans, insects and occasionally fish and frogs. Suitable habitat for this species is present on the subject site — mostly along Mulambin Ck and there are nearby records within 5-10km (ALA) so it is possible that this species utilises the subject site.

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Scientific Name	Common Name	Status EPBC	Status NCA	Likelihood of Occurrence on Site
Turnix melanogaster	Black-breasted Button- quail	V	٧	UNLIKELY Turnix melanogaster is restricted to rainforests and forests, mostly in areas with 770-1200 mm rainfall per annum. This species prefers semi-evergreen vine thicket, low microphyll vine forest, araucarian microphyll vine forest and araucarian notophyll vine forest. It also occurs in dense acacia thickets and, littoral area, lantana which is used for diurnal foraging and nocturnal roosting and pasture grass adjacent to habitat areas. Extensive leaf-litter is required for foraging, fallen logs and a dense, heterogeneously distributed shrub layers are also considered to be important habitat characteristics for shelter and breeding. Suitable habitat for this species is not present on the subject site.
Xeromys myoides	Water Mouse, False Water Rat	V	V	WILIKELY Xeromys myoides inhabit mangroves and the associated saltmarsh, sedgelands, clay pans, heathlands and freshwater wetlands. In Queensland the upper tidal areas on the shoreward side of the mangrove zone often support saltmarsh adjoining terrestrial communities including freshwater wetland, coastal woodland or wet heathland. These communities are all utilized by the water mouse for foraging and nesting. This species' diet typically includes a variety of crustaceans, marine polyclads, marine pulmonates, mud lobster Laomedia healyi, mottled shore crab Peragrapsis laevis and marine bivalves. Though there is suitable habitat along Mulambin Ck, there are no nearby records for this species. This species is unlikely to utilise the subject site.

*Status: As listed within the Queensland Nature Conservation Act 1992: CR = Critically Endangered, E = Endangered, V = Vulnerable, NT = Near Threatened, SL = Special Least Concern, C = Least Concern.

As listed in the Commonwealth Environment Protection and Biodiversity Conservation Act 1999: CE# = Critically Endangered, E# = Endangered, V# = Vulnerable, CD# = Conservation Dependent, I# = Introduced Species, MTS = Migratory Terrestrial Species, MWS = Migratory Wetland Species, M = Marine

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Client: Red Emperor Pty Ltd Doc No.: BE240146-RP-ESA-01

Doc Title: Ecological Site Assessment - 1-41 Neville St Mulambin



Appendix E – State Code 16: Native Vegetation Clearing Response

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Client: Red Emperor Pty Ltd Doc No.: BE240146-RP-ESA-01

Doc Title: Ecological Site Assessment - 1-41 Neville St Mulambin

State code 16: Native vegetation clearing

For guidance on how to address this code, please refer to the State Development Assessment Provisions Guidance material: State code 16: Native vegetation clearing.

Please note: It is only necessary to provide a response to the performance outcomes relevant to the clearing purpose(s). Table 16.1 below specifies which tables of performance outcomes are relevant for each clearing purpose. Tables that are not relevant to your clearing purpose can be left blank or deleted.

As an example, only Table 16.2 and Table 16.15 are relevant for a development application for operational works that involves managing thickened vegetation. The remaining tables may be deleted.

Table 16.1: Relevant code provisions for each type of development

Table 16.1. Relevant code provisions for each	type of development
Clearing purpose	Relevant provisions
Material change of use and / or reconfiguring a lot and / or operational wo	ork
Public safety, relevant infrastructure activities and / or consequential	Table 16.2 and Table 16.3
development of IPA approval	
Extractive industry	Table 16.2 and Table 16.4
Coordinated project (agriculture)	Table 16.2 and Table 16.5
Coordinated project (extractive industry)	Table 16.2 and Table 16.6
Coordinated project (all other purposes)	Table 16.2 and Table 16.7
Material change of use and / or reconfiguring a lot for all other purposes	Table 16.2 and Table 16.8
Material change of use and / or reconfiguring a lot for which there will be no	Table 16.9
clearing as a result of the material change of use or reconfiguring a lot	
Material change of use and / or reconfiguring a lot for which clearing is	Table 16.2 and Table 16.10
limited to clearing that could be done as exempt clearing work for the	
purpose of the development prior to the material change of use or	
reconfiguring a lot application being approved	
Operational work	
Necessary environmental clearing	Table 16.2 and Table 16.11
Control non-native plants or declared pests	Table 16.2 and Table 16.12
Encroachment	Table 16.2 and Table 16.13
Fodder harvesting	Table 16.2 and Table 16.14
Managing thickened vegetation	Table 16.2 and Table 16.15

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State code 16: Native vegetation clearing

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Table 16.2: General

Performance outcomes	Acceptable outcomes	Response
PO1 Clearing of vegetation is consistent with any	No acceptable outcome is prescribed.	NA
notice requiring compliance on the land subject to		No known notice requiring compliance is
the development application, unless a better		registered on the site.
environmental outcome can be achieved.		
PO2 Clearing of vegetation is consistent with	No acceptable outcome is prescribed.	NA
vegetation management requirements for		Site is not within any known particular regulated
particular regulated areas unless a better		area (e.g. exchange area, unlawfully cleared area,
environmental outcome can be achieved.		declared offset area of PMAV area).
PO3 Clearing of vegetation in a legally secured	No acceptable outcome is prescribed.	NA
offset area:		Site is not within any known legally secured offset
 is consistent with the offset delivery plan; or 		area.
is consistent with an agreement for the offset		
area on the land subject to the development		
application; or		
only occurs if an additional offset is provided.		

Table 16.3: Public safety, relevant infrastructure activities and / or consequential development of IPA approval

Performance outcomes	Acceptable outcomes	Response		
Clearing avoids and minimises impacts				
PO4 Clearing of vegetation and adverse impacts	No acceptable outcome is prescribed.	NA		
of clearing vegetation do not occur unless the				
application has demonstrated that the clearing and				
the adverse impacts of clearing have been: 1. reasonably avoided; or				
reasonably minimised where it cannot be				
reasonably avoided.				
Clearing associated with wetlands				
PO5 Clearing of vegetation within a natural	AO5.1 Clearing does not occur in a natural	NA		
wetland and/or within 100 metres of the defining	wetland or within 100 metres of the defining bank			
bank of a natural wetland maintains the	of any natural wetland.			
composition, structure and function of any regional				
ecosystem associated with any natural wetland to	OR			
protect all of the following:				
bank stability by protecting against bank	AO5.2 Clearing within 100 metres of the defining			
erosion;	bank of any natural wetland:			

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State code 16: Native vegetation clearing

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Performance outcomes	Acceptable outcomes	Response
water quality by filtering sediments, nutrients	does not occur within 10 metres of the	
and other pollutants;	defining bank of any natural wetland; and	
aquatic habitat;	does not exceed widths in reference table 1 in	
terrestrial habitat.	this code.	
PO6 Where clearing of vegetation in a regional	No acceptable outcome is prescribed.	NA
ecosystem associated with a natural wetland does		
not maintain the composition, structure and function		
of the regional ecosystem, and cannot be avoided		
and has been mitigated, an offset is provided for		
any acceptable significant residual impact.		
Clearing associated with watercourses and draina	ge features	
PO7 Clearing of vegetation within a watercourse	AO7.1 Clearing does not occur in any of the	NA
and/or drainage feature and/or within the relevant	following areas:	
distance (listed in reference table 2) of a	 inside the defining bank of a watercourse or 	
watercourse and/or drainage feature, maintains	drainage feature; and	
the composition, structure and function of the	within the relevant distance of the defining	
regional ecosystem associated with the	bank of any watercourse or drainage feature	
watercourse and/or drainage feature to protect all	in reference table 2 of this code.	
of the following:		
bank stability by protecting against bank erosion;	OR	
water quality by filtering sediments, nutrients	AO7.2 Clearing within any watercourse or	
and other pollutants;	drainage feature, or within the relevant distance of	
aquatic habitat;	the defining bank of any watercourse or	
terrestrial habitat.	drainage feature in reference table 2 of this code:	
	 does not exceed the widths in reference table 	
	1 of this code; and	
	does not occur within 10 metres of the	
	defining bank, unless clearing is required into	
	or across the watercourse or drainage	
	feature.	
PO8 Where clearing of vegetation in a regional	No acceptable outcome is prescribed.	NA
ecosystem associated with a watercourse and/or		
drainage feature does not maintain the		
composition, structure and function of the regional		
ecosystem, and cannot be avoided and has been		
mitigated, an offset is provided for any acceptable		
significant residual impact.		
Connectivity		

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Performance outcomes	Acceptable outcomes	Response
PO9 Regional ecosystems on the subject land and	AO9.1 Clearing occurs in accordance with	NA
any adjacent land retain sufficient vegetation to:	reference table 3 in this code.	
maintain ecological processes; and		
ensure the regional ecosystem remains in the		
landscape despite threatening processes.		
Soil erosion if the local government is not the asse	essment manager for the development application	
PO10 Clearing of vegetation does not result in	AO10.1 Clearing only occurs if an erosion and	NA
accelerated soil erosion within or outside the land	sediment control plan is developed and	
the subject of the development application.	implemented to prevent increased soil erosion	
- American and a second	and instability resulting from the clearing.	
Salinity		***
PO11 Clearing of vegetation within 100 metres of a	AO11.1 Clearing does not occur within 100 metres	NA
salinity expression area does not contribute to or	of a salinity expression area.	
accelerate land degradation through either of the		
following: 1. waterlogging:		
2. the salinisation of groundwater, surface water		
or soil.		
Conserving least concern regional ecosystems - N	Minimising clearing of areas temporarily required to	enable construction of the infrastructure
PO12 Clearing of vegetation for temporary use	AO12.1 Clearing for temporary use areas to	NA
areas to construct necessary infrastructure, such as	construct necessary infrastructure does not occur	
temporary use roads or access tracks, maintains the	in a least concern regional ecosystem.	
composition, structure and function of least		
concern regional ecosystems.	OR	
	AO12.2 Total clearing for temporary use areas to	
	construct necessary infrastructure in any regional	
	ecosystem combined does not exceed the widths	
	prescribed in table reference table 1 of this code.	
	OR	
	AO12.3 Total clearing for temporary use areas to	
	construct necessary infrastructure in any regional	
	ecosystem combined does not exceed areas	
	prescribed in table reference table 1 of this code.	

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Performance outcomes	Acceptable outcomes	Response
PO13 Where clearing of vegetation in a regional	No acceptable outcome is prescribed.	NA
ecosystem for temporary use areas to construct		
necessary infrastructure does not maintain the		
composition, structure and function of the regional		
ecosystem, and cannot be avoided and has been		
mitigated, the cleared area is rehabilitated.		
Conserving endangered and of concern regional e	cosystems	<u></u>
PO14 Clearing of vegetation maintains the	AO14.1 Clearing does not occur in an	NA
composition, structure and function of endangered	endangered regional ecosystem or an of	
regional ecosystems and/or of concern regional	concern regional ecosystem.	
ecosystems.		
	OR	
	AO14.2 Total clearing of endangered regional	
	ecosystems and of concern regional	
	ecosystems combined does not exceed the	
	widths prescribed in table reference table 1 of this	
	code.	
	OR	
	AO14.3 Total clearing of endangered regional	
	ecosystems and of concern regional	
	ecosystems combined does not exceed areas	
	prescribed in table reference table 1 of this code.	
PO15 Where clearing of vegetation in an	No acceptable outcome is prescribed.	NA
endangered regional ecosystem or an of concern	, ,	
regional ecosystems does not maintain the		
composition, structure and function of the regional		
ecosystem, and cannot be avoided and has been		
mitigated, the cleared area:		
1. is rehabilitated; or		
where the cleared area cannot reasonably be		
rehabilitated, an offset is provided for any		
acceptable significant residual impact.		
Essential habitat excluding essential habitat for <i>Phascolarctos cinereus</i> (koalas) if development is assessable under Schedule 10, Part 10 of the		
Planning Regulation 2017		

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Performance outcomes	Acceptable outcomes	Response
PO16 Clearing of vegetation in a regional	AO16.1 Clearing does not occur in essential	NA
ecosystem that is an area of essential habitat	habitat.	
maintains the composition, structure and function of		
the regional ecosystem for each protected	OR	
wildlife species individually.	AO46 2 Clearing in acceptial habitat does not	
	AO16.2 Clearing in essential habitat does not exceed the widths prescribed in reference table 1	
	of this code.	
	of the odds.	
	OR	
	AO16.3 Clearing in essential habitat does not	
	exceed the areas prescribed in table reference	
	table 1 of this code.	
PO17 Where clearing of vegetation in a regional	No acceptable outcome is prescribed.	NA
ecosystem that is an area of essential habitat		
does not maintain the composition, structure and		
function of the regional ecosystem , and cannot be avoided and has been mitigated, an offset is		
provided for any acceptable significant residual		
impact for each protected wildlife species		
individually.		
	e assessment manager for the development applic	
PO18 Clearing of vegetation does not result in, or	AO18.1 Clearing does not occur in land zone 1,	NA
accelerate, disturbance of acid sulfate soils or	land zone 2 or land zone 3.	
changes to the hydrology of the location that will result in either of the following:	OR	
aeration of horizons containing iron sulphides;	OK .	
mobilisation of acid or metals.	AO18.2 Clearing in land zone 1, land zone 2 or	
	land zone 3 in areas below the five metre	
	Australian Height Datum only occurs where:	
	mechanical clearing does not disturb the soil	
	to a depth greater than 30 centimetres; and 2. acid sulfate soils are managed consistent with	
	the soil management guidelines in the	
	Queensland Acid Sulfate Soil Technical	
	Manual.	

Table 16.4: Extractive industry

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Performance outcomes	Acceptable outcomes	Response		
Clearing avoids and minimises impacts	V/ ×	·		
PO19 Clearing of vegetation and adverse impacts of clearing vegetation do not occur unless the application has demonstrated that the clearing and	No acceptable outcome is prescribed.	NA		
the adverse impacts of clearing have been: 1. reasonably avoided; or 2. reasonably minimised where it cannot be reasonably avoided.				
Clearing associated with wetlands				
PO20 Clearing of vegetation within a natural wetland and/or within 100 metres of the defining bank of a natural wetland maintains the composition, structure and function of any regional ecosystem associated with any natural wetland to protect all of the following: 1. bank stability by protecting against bank erosion; 2. water quality by filtering sediments, nutrients and other pollutants; 3. aquatic habitat; 4. terrestrial habitat.	AO20.1 Clearing does not occur in a natural wetland or within 100 metres of the defining bank of any natural wetland. OR AO20.2 Clearing within 100 metres of the defining bank of any natural wetland: 1. does not occur within 10 metres of the defining bank of any natural wetland; and 2. does not exceed widths in table reference table 1 in this code.	NA		
PO21 Where clearing of vegetation in a regional ecosystem associated with a natural wetland does not maintain the composition, structure and function of the regional ecosystem , and cannot be avoided and has been mitigated, an offset is provided for any acceptable significant residual impact .	No acceptable outcome is prescribed.			
Clearing associated with watercourses and drainage features				
PO22 Clearing of vegetation within a watercourse and /or drainage feature and/or within the relevant distance (listed in reference table 2) of a watercourse and/or drainage feature, maintains the composition, structure and function of the regional ecosystem associated with the watercourse and/or drainage feature to protect all of the following: 1. bank stability by protecting against bank erosion; 2. water quality by filtering sediments, nutrients and other pollutants;	AO22.1 Clearing does not occur in any of the following areas: 1. inside the defining bank of a watercourse or drainage feature; and 2. within the relevant distance of the defining bank of any watercourse or drainage feature in reference table 2 of this code. OR	NA		

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Performance outcomes	Acceptable outcomes	Response
aquatic habitat;	AO22.2 Clearing within any watercourse or	
terrestrial habitat.	drainage feature, or within the relevant distance	
	of the defining bank of any watercourse or	
	drainage feature in reference table 2 of this code:	
	does not exceed the widths in table reference	
	table 1 of this code; and	
	2. does not occur within 10 metres of the	
	defining bank, unless clearing is required	
	into or across the watercourse or drainage	
	feature.	
PO23 Where clearing of vegetation in a regional	No acceptable outcome is prescribed.	NA
ecosystem associated with a watercourse and/or		
drainage feature does not maintain the		
composition, structure and function of the regional		
ecosystem, and cannot be avoided and has been		
mitigated, an offset is provided for any acceptable		
significant residual impact		
Connectivity		T.,,
PO24 Regional ecosystems on the subject land	AO24.1 Clearing occurs in accordance with	NA
and any adjacent land retain sufficient vegetation to	reference table 3 in this code.	
maintain:		
ecological processes; and		
2. ensure the regional ecosystem remains in the		
landscape despite threatening processes.		
Soil erosion if the local government is not the asse		
PO25 Clearing does not result in accelerated soil	AO25.1 Clearing only occurs if an erosion and	NA NA
erosion within or outside the land the subject of the	sediment control plan is developed and	
development application.	implemented to prevent soil erosion and	
Callait.	instability resulting from the clearing.	
PO26 Clearing within 100 metres of a salinity	AO26.1 Clearing does not occur within 100	l na
expression area does not contribute to or	metres of a salinity expression area.	INM
accelerate land degradation through either of the	menes of a saminy expression area.	
following:		
1. waterlogging;		
waterlogging, the salinisation of groundwater, surface water		
or soil.		
Conserving endangered and of concern regional e	cosystems	I.
Conserving endangered and or concern regional e	COSYSTEMS	

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Performance outcomes	Acceptable outcomes	Response
PO27 Clearing of vegetation maintains the composition, structure and function of endangered regional ecosystems and/or of concern regional ecosystems.	AO27.1 Clearing does not occur in an endangered regional ecosystem or an of concern regional ecosystem.	NA
	OR	
	AO27.2 Total clearing of endangered regional ecosystems and of concern regional ecosystems combined does not exceed the widths prescribed in table reference table 1 of this code.	
	OR	
	AO27.3 Total clearing of endangered regional ecosystems and of concern regional ecosystems combined does not exceed areas prescribed in table reference table 1 of this code.	
PO28 Where clearing of vegetation in an endangered regional ecosystem or an of concern regional ecosystems does not maintain the composition, structure and function of the regional ecosystem, and cannot be avoided and has been mitigated, the cleared area: 1. is rehabilitated; or	No acceptable outcome is prescribed.	NA
where the cleared area cannot be rehabilitated , an offset is provided for any acceptable significant residual impact .		
Essential habitat excluding essential habitat for Planning Regulation 2017	hascolarctos cinereus (koalas) if development is a	ssessable under Schedule 10, Part 10 of the
PO29 Clearing of vegetation in a regional ecosystem that is an area of essential habitat maintains the composition, structure and function of the regional ecosystem for each protected wildlife species individually.	AO29.1 Clearing does not occur in essential habitat. OR AO29.2 Clearing in essential habitat does not exceed the widths prescribed in table reference	NA
	table 1 of this code.	

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Acceptable outcomes	Response
OR	
AO29.3 Clearing in essential habitat does not exceed the areas prescribed in table reference table 1 of this code. No acceptable outcome is prescribed. Ro31.1 Clearing does not occur in land zone 1, land zone 2 or land zone 3. OR AO31.2 Clearing in land zone 1, land zone 2 or land zone 3 in areas below the five metre Australian Height Datum only occurs where:	ation NA
mechanical clearing does not disturb the soil to a depth greater than 30 centimetres; and acid sulfate soils are managed consistent with the soil management guidelines in the Queensland Acid Sulfate Soil Technical Manual.	
No acceptable outcome is prescribed.	NA
	AO29.3 Clearing in essential habitat does not exceed the areas prescribed in table reference table 1 of this code. No acceptable outcome is prescribed. assessment manager for the development applic AO31.1 Clearing does not occur in land zone 1, land zone 2 or land zone 3. OR AO31.2 Clearing in land zone 1, land zone 2 or land zone 3 in areas below the five metre Australian Height Datum only occurs where: 1. mechanical clearing does not disturb the soil to a depth greater than 30 centimetres; and 2. acid sulfate soils are managed consistent with the soil management guidelines in the Queensland Acid Sulfate Soil Technical

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Table 16.5: Coordinated project (agriculture)

lo acceptable outcome is prescribed.	NA
O34.1 Clearing does not occur in a natural	NA
	INC.
any natara nomina.	
PR	
.034.2 Clearing within 100 metres of the	
efining bank of any natural wetland:	
does not occur within 10 metres of the	
defining bank of any natural wetland; and	
The water of the second	y
lo acceptable outcome is prescribed.	NA
features	
	NA
	IVA
f of order	D34.1 Clearing does not occur in a natural etland or within 100 metres of the defining bank any natural wetland. R D34.2 Clearing within 100 metres of the fining bank of any natural wetland: does not occur within 10 metres of the

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Performance outcomes	Acceptable outcomes	Response
regional ecosystem associated with the	2. within the relevant distance of the defining	
watercourse and/or drainage feature to protect all	bank of any watercourse or drainage feature	
of the following:	in reference table 2 of this code.	
bank stability by protecting against bank		
erosion;	OR	
2. water quality by filtering sediments, nutrients		
and other pollutants;	AO36.2 Clearing within any watercourse or	
aquatic habitat;	drainage feature, or within the relevant distance	
terrestrial habitat.	of the defining bank of any watercourse or	
	drainage feature in reference table 2 of this code:	
	does not exceed the widths in table reference	
	table 1 of this code; and	
	does not occur within 10 metres of the	
	defining bank, unless clearing is required	
	into or across the watercourse or drainage	
	feature.	
PO37 Where clearing of vegetation in a regional	No acceptable outcome is prescribed.	NA
ecosystem associated with a watercourse and/or		
drainage feature does not maintain the		
composition, structure and function of the regional		
ecosystem, and cannot be avoided and has been		
mitigated, an offset is provided for any acceptable		
significant residual impact.		
Connectivity	ACCO 4 Classics accurs in accordance reference	NA
PO38 Regional ecosystems on the subject land	AO38.1 Clearing occurs in accordance reference table 3 of this code.	INA
and any adjacent land retain sufficient vegetation to:	table 3 of this code.	
maintain ecological processes; and		
ensure the regional ecosystem remains in the		
landscape despite threatening processes.		
PO39 Where:	No acceptable outcome is prescribed.	NA
clearing of vegetation in a regional	The described editornic to prescribed.	14/1
ecosystem does not maintain ecological		
processes; and		
2. the regional ecosystem does not remain in the		
landscape despite threatening processes; and		
the clearing cannot be avoided; and		
4. the clearing has been mitigated		

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Performance outcomes	Acceptable outcomes	Response
an offset is provided for any acceptable significant		
residual impact.	account manager for the development application	
Soil erosion if the local government is not the asset PO40 Clearing does not result in accelerated soil	AO40.1 Clearing only occurs if an erosion and	l NA
erosion within or outside the land the subject of the	sediment control plan is developed and	14/
development application.	implemented to prevent soil erosion and	
	instability resulting from the clearing.	
Salinity		
PO41 Clearing within 100 metres of a salinity	AO41.1 Clearing does not occur within 100	NA
expression area does not contribute to or	metres of a salinity expression area.	
accelerate land degradation through either of the		
following: 1. waterlogging;		
2. the salinisation of groundwater, surface water		
or soil.		
Conserving endangered and of concern regional ecosystems		
PO42 Clearing of vegetation maintains the	AO42.1 Clearing does not occur in an	NA
composition, structure and function of endangered	endangered regional ecosystem or an of	
regional ecosystems and/or of concern regional	concern regional ecosystem.	
ecosystems.	OR	
	OR	
	AO42.2 Total clearing of endangered regional	
	ecosystems and of concern regional	
	ecosystems combined does not exceed the	
	widths prescribed in table reference table 1 of this	
	code.	
	OR	
	OR	
	AO42.3 Total clearing of endangered regional	
	ecosystems and of concern regional	
	ecosystems combined does not exceed areas	
	prescribed in table reference table 1 of this code.	
PO43 Where clearing of vegetation in an	No acceptable outcome is prescribed.	NA
endangered regional ecosystem or an of concern		
regional ecosystems does not maintain the		
composition, structure and function of the regional	L	

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Performance outcomes	Acceptable outcomes	Response
ecosystem, and cannot be avoided and has been		
mitigated, the cleared area:		
1. is rehabilitated; or		
2. where the cleared area cannot be rehabilitated ,		
an offset is provided for any acceptable		
significant residual impact.		11 1 01 11 10 5 110 11
Planning Regulation 2017	hascolarctos cinereus (koalas) if development is a	ssessable under Schedule 10, Part 10 of the
PO44 Clearing of vegetation in a regional	AO44.1 Clearing does not occur in essential	NA
ecosystem that is an area of essential habitat	habitat.	
maintains the composition, structure and function of		
the regional ecosystem for each protected wildlife species individually.	OR	
The second manual second secon	AO44.2 Clearing in essential habitat does not	
	exceed the widths prescribed in table reference	
	table 1 of this code.	
	OR	
	A C 44 2 C	
	AO44.3 Clearing in essential habitat does not exceed the areas prescribed in table reference	
	table 1 of this code.	
PO45 Where clearing of vegetation in a regional	No acceptable outcome is prescribed.	NA
ecosystem that is an area of essential habitat	The described editorne is prescribed.	147
does not maintain the composition, structure and		
function of the regional ecosystem, and cannot be		
avoided and has been mitigated, an offset is		
provided for any acceptable significant residual		
impact for each protected wildlife species		
individually.		
	e assessment manager for the development applic	
PO46 Clearing does not result in, or accelerate,	AO46.1 Clearing does not occur in land zone 1,	NA
disturbance of acid sulfate soils or changes to the	land zone 2 or land zone 3.	
hydrology of the location that will result in either of	OR	
the following: 1. aeration of horizons containing iron sulphides;	UK	
mobilisation of acid or metals.	AO46.2 Clearing in land zone 1, land zone 2 or	
2. Mobilisation of acid of metals.	land zone 3 in areas below the five metre	
	Australian Height Datum only occurs where:	
	Additional Freight Datam only Goodis where.	

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Performance outcomes	Acceptable outcomes	Response
	mechanical clearing does not disturb the soil to a depth greater than 30 centimetres; and acid sulfate soils are managed consistent with the soil management guidelines in the Queensland Acid Sulfate Soil Technical Manual.	
Clearing for agriculture		
PO47 Clearing of vegetation only occurs where the land is suitable for agriculture having regard to topography, climate and soil attributes.	No acceptable outcome is prescribed.	NA
PO48 For applications for irrigated crops, the owner of the land has, or may have, access to enough water for establishing, cultivating and harvesting the crops to which the clearing of vegetation relates.	No acceptable outcome is prescribed.	NA

Table 16.6: Coordinated project (extractive industry)

Table Telef destalliated project	A CONTRACTOR OF THE CONTRACTOR	
Performance outcomes	Acceptable outcomes	Response
Clearing avoids and minimises impacts		
PO49 Clearing of vegetation and adverse impacts	No acceptable outcome is prescribed.	NA
of clearing vegetation do not occur unless the		
application has demonstrated that the clearing and		
the adverse impacts of clearing have been:		
 reasonably avoided; or 		
reasonably minimised where it cannot be		
reasonably avoided.		
Clearing associated with wetlands		
PO50 Clearing of vegetation within a natural	AO50.1 Clearing does not occur in a natural	NA
wetland and/or within 100 metres of the defining	wetland or within 100 metres of the defining bank	
bank of a natural wetland maintains the	of any natural wetland.	
composition, structure and function of any regional		
ecosystem associated with any natural wetland to	OR	
protect all of the following:		
 bank stability by protecting against bank erosion; 	AO50.2 Clearing within 100 metres of the	
water quality by filtering sediments, nutrients	defining bank of any natural wetland:	
and other pollutants;	 does not occur within 10 metres of the 	
aquatic habitat;	defining bank of any natural wetland; and	

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Performance outcomes	Acceptable outcomes	Response
terrestrial habitat.	2. does not exceed widths in reference table 1 in	
	this code.	
PO51 Where clearing of vegetation in a regional	No acceptable outcome is prescribed.	NA
ecosystem associated with a natural wetland does		
not maintain the composition, structure and function		
of the regional ecosystem, and cannot be avoided		
and has been mitigated, an offset is provided for		
any acceptable significant residual impact.		
Clearing associated with watercourses and draina	ge features	
PO52 Clearing of vegetation within a watercourse	AO52.1 Clearing does not occur in any of the	NA
and /or drainage feature and/or within the relevant	following areas:	
distance (listed in reference table 2) of a	1. inside the defining bank of a watercourse or	
watercourse and/or drainage feature, maintains	drainage feature; and	
the composition, structure and function of the	2. within the relevant distance of the defining	
regional ecosystem associated with the	bank of any watercourse or drainage feature	
watercourse and/or drainage feature to protect all	in reference table 2 of this code.	
of the following:		
1. bank stability by protecting against bank erosion;	OR	
2. water quality by filtering sediments, nutrients		
and other pollutants;	AO52.2 Clearing within any watercourse or	
aquatic habitat;	drainage feature, or within the relevant distance	
terrestrial habitat.	of the defining bank of any watercourse or	
	drainage feature in reference table 2 of this code:	
	 does not exceed the widths in reference table 	
	1 of this code; and	
	2. does not occur within 10 metres of the	
	defining bank, unless clearing is required	
	into or across the watercourse or drainage	
	feature.	
PO53 Where clearing of vegetation in a regional	No acceptable outcome is prescribed.	NA
ecosystem associated with a watercourse and/or	,	
drainage feature does not maintain the		
composition, structure and function of the regional		
ecosystem, and cannot be avoided and has been		
mitigated, an offset is provided for any acceptable		
significant residual impact.		
Connectivity		

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