

<b>Title:</b>		<b>FCAS Settlement Factors - Raw Data and Calculations</b>										
<b>Start Time:</b>		<b>12:05AM, 03/11/2024</b>										
<b>End Time:</b>		<b>12:00AM, 01/12/2024</b>										
<b>Legend:</b>		L = lower, EF = enabled factor, NEF = not enabled factor, a = average, N(x) = min(x, 0), LFEFactor = load forecast error factor, Factor = overall factor, %MPF = Overall Market Participant Factor (as a percentage - ie: = 100 * MPF / AMPF)										
<b>Type Codes:</b>		1 = Scheduled Units, 2 = Non-Scheduled Units, 3 = Region within-5-minutes, 4 = Region Forecast Error										
<b>NAME</b>	<b>TYPE</b>	<b>LEFa</b>	<b>LNEFa</b>	<b>REFa</b>	<b>RNEFa</b>	<b>N(LEFa)</b>	<b>N(LNEFa)</b>	<b>N(REFa)</b>	<b>N(RNEFa)</b>	<b>LFEFactor</b>	<b>Factor</b>	<b>%MPF</b>

**SCHEDULED AND SEMI-SCHEDULED METERED UNITS**

name	type	LEFa	LNEFa	REFa	RNEFa	N(LEFa)	N(LNEFa)	N(REFa)	N(RNEFa)	LFE Factor	Factor	MPF
ADPBA1	1	0.112055	0.307054	10.025089	7.402293	0	0	0	0			
ADPPV1	1	0	-1.077503	0	2.594351	0	-1.077503	0	0			
AGLHAL	1	0	0.381298	0	-0.387404	0	0	0	-0.387404			
AGLSOM	1	0	0.221823	0	0.190126	0	0	0	0			
ANGAST1	1	0	0.023	0	-0.294294	0	0	0	-0.294294			
ARWF1	1	0	8.281236	0	-50.157791	0	0	0	-50.157791			
AVLSF1	1	0	-5.413985	0	-216.950315	0	-5.413985	0	-216.950315			
BALB1	1	6.110354	0.503565	80.779178	-0.272643	0	0	0	-0.272643			
BALDHW1	1	0	-0.577313	0	-7.743194	0	-0.577313	0	-7.743194			
BANGOW1	1	0	7.300799	0	-41.882644	0	0	0	-41.882644			
BANGOW2	1	0	2.270708	0	-50.176779	0	0	0	-50.176779			
BANN1	1	0	-1.039664	0	-5.526126	0	-1.039664	0	-5.526126			
BARCALDN	1	0	-0.01046	0	-1.154525	0	-0.01046	0	-1.154525			
BARKIPS1	1	0	2.971397	0	-12.186671	0	0	0	-12.186671			
BARRON-1	1	0	0	0	0	0	0	0	0			
BARRON-2	1	0	0	0	0	0	0	0	0			
BASTYAN	1	0.000205	0.107142	0.002739	-0.022593	0	0	0	-0.022593			
BBATTERY1	1	6.819118	5.29357	76.877634	34.861673	0	0	0	0			
BBTHREE1	1	0	0.005692	0	-0.012662	0	0	0	-0.012662			
BBTHREE2	1	0	-0.006664	0	-0.002663	0	-0.006664	0	-0.002663			
BBTHREE3	1	0	0	0	0	0	0	0	0			

BDL01	1	0	0.005366	0	-0.880056	0	0	0	-0.880056
BDL02	1	0	0.000323	0	-0.006184	0	0	0	-0.006184
BERYLSF1	1	0	0.403992	0	-55.354035	0	0	0	-55.354035
BHB1	1	0	-0.016746	0	17.116449	0	-0.016746	0	0
BLOWERNG	1	0	0.259815	0	-5.004504	0	0	0	-5.004504
BLUEGSF1	1	0	3.436782	0	-56.264089	0	0	0	-56.264089
BLUFF1	1	0	-1.266651	0	-5.397725	0	-1.266651	0	-5.397725
BLYTHB1	1	0	6.528993	0	-72.905343	0	0	0	-72.905343
BNGSF1	1	0	-10.800518	0	-13.80341	0	-10.800518	0	-13.80341
BNGSF2	1	0	-9.339207	0	-18.494438	0	-9.339207	0	-18.494438
BOCORWF1	1	0	-0.967774	0	-45.434299	0	-0.967774	0	-45.434299
BODWF1	1	0	12.932608	0	-38.465877	0	0	0	-38.465877
BOLIVPS1	1	0	-0.011767	0	-0.107998	0	-0.011767	0	-0.107998
BOMENSF1	1	0	-2.349395	0	-45.151983	0	-2.349395	0	-45.151983
BOWWBA1	1	0.147721	0.236489	1.755539	3.181538	0	0	0	0
BOWWPV1	1	0	-0.220844	0	0.970182	0	-0.220844	0	0
BRAEMAR1	1	0	0.133512	0	7.159879	0	0	0	0
BRAEMAR2	1	0	0.438778	0	-3.442554	0	0	0	-3.442554
BRAEMAR3	1	0	0.116553	0	6.184051	0	0	0	0
BRAEMAR5	1	0	-0.682807	0	6.372965	0	-0.682807	0	0
BRAEMAR6	1	0	0.340037	0	-5.079314	0	0	0	-5.079314
BRAEMAR7	1	0	-0.522248	0	2.450485	0	-0.522248	0	0
BROKENH1	1	0	2.840213	0	-47.005986	0	0	0	-47.005986
BRYB1WF1	1	0	-1.076597	0	-28.2351	0	-1.076597	0	-28.2351
BRYB2WF2	1	0	-1.797424	0	-2.914424	0	-1.797424	0	-2.914424
BULBES1	1	8.779734	0.502069	91.217143	19.95625	0	0	0	0
BULGANA1	1	0	3.456265	0	-33.703737	0	0	0	-33.703737
BW01	1	1.194526	27.595284	114.526568	20.512482	0	0	0	0
BW02	1	0	0	0	0.005919	0	0	0	0
BW03	1	0.269336	20.152191	61.164323	24.066951	0	0	0	0
BW04	1	0.024207	9.609146	95.973679	5.651807	0	0	0	0
CALL_B_1	1	0	0	0	0	0	0	0	0
CALL_B_2	1	3.342427	7.014256	78.458866	13.15487	0	0	0	0
CAPBES1	1	0	1.113548	0	-11.003513	0	0	0	-11.003513

CATHROCK	1	0	-0.306548	0	-2.136208	0	-0.306548	0	-2.136208
CBWWBA1	1	0.041321	0.15095	1.44785	2.11013	0	0	0	0
CETHANA	1	0.589112	0.019788	0.552182	-0.008044	0	0	0	-0.008044
CG1	1	0	-0.000544	0	-0.038599	0	-0.000544	0	-0.038599
CG2	1	0	0.100338	0	-1.196096	0	0	0	-1.196096
CG3	1	0	-0.058295	0	0.004893	0	-0.058295	0	0
CG4	1	0	-0.076333	0	-0.479902	0	-0.076333	0	-0.479902
CHBESS1	1	0.015441	3.057635	1.6049	30.515566	0	0	0	0
CHILDSF1	1	0	-0.206331	0	-6.434857	0	-0.206331	0	-6.434857
CHYTWF1	1	0	0.988985	0	-4.456443	0	0	0	-4.456443
CLARESF1	1	0	-5.754715	0	-28.043399	0	-5.754715	0	-28.043399
CLEMGPF1	1	0	-1.493096	0	2.140504	0	-1.493096	0	0
CLERMSF1	1	0	-1.507554	0	-31.169387	0	-1.507554	0	-31.169387
CLRKCWF1	1	0	-0.040134	0	-0.078767	0	-0.040134	0	-0.078767
CNUNDAWF	1	0	-0.815928	0	-5.819804	0	-0.815928	0	-5.819804
COHUNSF1	1	0	0	0	0	0	0	0	0
COLEASF1	1	0	-7.545122	0	-109.142923	0	-7.545122	0	-109.142923
COLUMSF1	1	0	-12.374895	0	-63.699878	0	-12.374895	0	-63.699878
COLWF01	1	0	-3.887341	0	61.051789	0	-3.887341	0	0
COOPGWF1	1	0	-2.031297	0	44.278642	0	-2.031297	0	0
CPP_3	1	0	12.48299	0	45.448836	0	0	0	0
CPP_4	1	0	4.579915	0	-5.86601	0	0	0	-5.86601
CPSA	1	0	1.126313	0	-28.097063	0	0	0	-28.097063
CROOKWF2	1	0	2.634758	0	-6.960687	0	0	0	-6.960687
CROOKWF3	1	0	0.524021	0	-8.411454	0	0	0	-8.411454
CROWLWF1	1	0	5.763461	0	-48.943803	0	0	0	-48.943803
CRURWF1	1	0	2.031865	0	-6.610495	0	0	0	-6.610495
CRWASF1	1	0	-1.582783	0	-2.894863	0	-1.582783	0	-2.894863
CSPVPS1	1	0	-2.182528	0	5.650928	0	-2.182528	0	0
CTHLWF1	1	0	0.034188	0	0.166019	0	0	0	0
DALNTH1	1	0	0.534964	0	-4.101109	0	0	0	-4.101109
DARLSF1	1	0	-13.786613	0	-247.03082	0	-13.786613	0	-247.03082
DARTM1	1	0	4.75636	0	-54.847754	0	0	0	-54.847754

DAYDSF1	1	0	-11.281062	0	-19.127813	0	-11.281062	0	-19.127813
DDPS1	1	0	4.606045	0	77.988738	0	0	0	0
DDSF1	1	0	0.861918	0	-27.511971	0	0	0	-27.511971
DEVILS_G	1	0.216352	0.061883	0.031854	0.041096	0	0	0	0
DPNTB1	1	0.113502	2.301528	20.272467	18.030345	0	0	0	0
DRYCGT1	1	0	0.154571	0	-1.593256	0	0	0	-1.593256
DRYCGT2	1	0	-0.093585	0	0.238809	0	-0.093585	0	0
DRYCGT3	1	0	0.017166	0	0.555299	0	0	0	0
DULAWF1	1	0	1.05257	0	-31.142435	0	0	0	-31.142435
DUNDWF1	1	0	-1.148178	0	21.296852	0	-1.148178	0	0
DUNDWF2	1	0	-1.29968	0	10.372265	0	-1.29968	0	0
DUNDWF3	1	0	-0.969606	0	14.594147	0	-0.969606	0	0
EDENVSF1	1	0	-4.978417	0	-59.249433	0	-4.978417	0	-59.249433
EILDON1	1	0	-0.237194	0	-0.903409	0	-0.237194	0	-0.903409
EILDON2	1	0	-0.038955	0	-4.755466	0	-0.038955	0	-4.755466
ELAINWF1	1	0	-0.621988	0	1.594591	0	-0.621988	0	0
EMERASF1	1	0	-4.74084	0	-31.084399	0	-4.74084	0	-31.084399
ER01	1	12.263336	12.865162	100.747522	-15.710838	0	0	0	-15.710838
ER02	1	3.200653	5.025774	156.711182	25.134723	0	0	0	0
ER03	1	0	0	0	0	0	0	0	0
ER04	1	8.724843	3.194327	150.296352	-16.406113	0	0	0	-16.406113
FINLYSF1	1	0	-3.223571	0	-49.368203	0	-3.223571	0	-49.368203
FISHER	1	0.106522	0.005273	0.193047	-0.014359	0	0	0	-0.014359
FLYCRKWF	1	0	2.909056	0	-49.326743	0	0	0	-49.326743
GANGARR1	1	0	-1.055272	0	-41.408374	0	-1.055272	0	-41.408374
GANNB1	1	3.1357	-1.555322	59.880501	-9.352178	0	-1.555322	0	-9.352178
GANNSF1	1	0	-1.056081	0	-8.257477	0	-1.056081	0	-8.257477
GIRGSF	1	0	-0.918122	0	-38.278861	0	-0.918122	0	-38.278861
GLENSF1	1	0	-8.00797	0	-36.696473	0	-8.00797	0	-36.696473
GLRWNSF1	1	0	-10.055862	0	17.046001	0	-10.055862	0	0
GNNDSF1	1	0	-5.247161	0	8.919939	0	-5.247161	0	0
GOONSF1	1	0	6.354972	0	-23.507398	0	0	0	-23.507398
GORDON	1	4.384607	0.343052	1.763126	0.206305	0	0	0	0

GPWFEST1	1	0	0	0	0	0	0	0	0
GPWFEST2	1	0	1.450645	0	37.849064	0	0	0	0
GPWFEST3	1	0	0	0	0	0	0	0	0
GRANWF1	1	0	0.017392	0	0.211891	0	0	0	0
GSTONE1	1	0	0.73836	0	-4.164779	0	0	0	-4.164779
GSTONE2	1	0	-0.305488	0	-2.39396	0	-0.305488	0	-2.39396
GSTONE3	1	3.523271	-2.119976	13.38726	-31.925981	0	-2.119976	0	-31.925981
GSTONE4	1	5.045267	-1.814943	67.454697	-21.790731	0	-1.814943	0	-21.790731
GSTONE5	1	5.071881	-1.976939	85.876734	-5.031782	0	-1.976939	0	-5.031782
GSTONE6	1	4.498041	0.472849	50.417017	-12.451282	0	0	0	-12.451282
GSWF1A	1	0	3.296993	0	-38.107737	0	0	0	-38.107737
GSWF1B1	1	0	0.499953	0	-6.046567	0	0	0	-6.046567
GULLRSF1	1	0	0.30061	0	-3.466752	0	0	0	-3.466752
GULLRWF1	1	0	-2.411683	0	-19.312248	0	-2.411683	0	-19.312248
GULLRWF2	1	0	-1.714127	0	-36.935973	0	-1.714127	0	-36.935973
GUNNING1	1	0	1.708811	0	-24.814922	0	0	0	-24.814922
GUTHEGA	1	0	0.182147	0	1.476219	0	0	0	0
HALLWF1	1	0	-1.59778	0	-15.900929	0	-1.59778	0	-15.900929
HALLWF2	1	0	-1.869835	0	-4.494272	0	-1.869835	0	-4.494272
HAMISF1	1	0	-4.408197	0	7.153537	0	-4.408197	0	0
HAUGHT11	1	0	-3.731401	0	-18.315474	0	-3.731401	0	-18.315474
HAYMSF1	1	0	-3.501702	0	3.239907	0	-3.501702	0	0
HBESS1	1	31.968427	2.623463	358.61626	41.150471	0	0	0	0
HD1WF1	1	0	-2.475824	0	-30.042885	0	-2.475824	0	-30.042885
HDWF1	1	0	-3.547806	0	14.358922	0	-3.547806	0	0
HDWF2	1	0	-3.598773	0	35.014804	0	-3.598773	0	0
HDWF3	1	0	-4.128044	0	23.675602	0	-4.128044	0	0
HEZ1	1	0	0.001016	0	-0.451709	0	0	0	-0.451709
HILLSTN1	1	0	-4.481266	0	-38.606738	0	-4.481266	0	-38.606738
HPR1	1	20.987543	7.690952	187.002874	128.975882	0	0	0	0
HUMENSW	1	0	5.641508	0	-46.711453	0	0	0	-46.711453
HUMEV	1	0	0.104154	0	-0.335612	0	0	0	-0.335612
HVWWBA1	1	0.145528	0.271197	3.649884	4.614536	0	0	0	0

HVWWPV1	1	0	-0.537706	0	0.75267	0	-0.537706	0	0
JBUTTERS	1	2.990274	0.083091	2.777162	0.042393	0	0	0	0
JEMALNG1	1	0	1.118831	0	-52.561557	0	0	0	-52.561557
JLA01	1	0	0.056608	0	-1.251112	0	0	0	-1.251112
JLA02	1	0	0.052371	0	-0.951803	0	0	0	-0.951803
JLA03	1	0	0.0697	0	-1.336096	0	0	0	-1.336096
JLA04	1	0	-0.031533	0	0.314091	0	-0.031533	0	0
JLB01	1	0	0.034253	0	1.192692	0	0	0	0
JLB02	1	0	0.076007	0	-0.663673	0	0	0	-0.663673
JLB03	1	0	-0.064579	0	-1.054703	0	-0.064579	0	-1.054703
JUNEESF1	1	0	1.487681	0	-19.255496	0	0	0	-19.255496
KABANWF1	1	0	0.754106	0	-9.83854	0	0	0	-9.83854
KAREEYA1	1	0.004331	0.823065	4.911179	-0.119688	0	0	0	-0.119688
KAREEYA2	1	0.00763	0.914574	0.738136	-1.243991	0	0	0	-1.243991
KAREEYA3	1	0.007402	1.656251	0.996872	-3.200301	0	0	0	-3.200301
KAREEYA4	1	0.168825	1.722083	0.64213	-2.659929	0	0	0	-2.659929
KARSF1	1	0	-0.08856	0	-21.00415	0	-0.08856	0	-21.00415
KEPWF1	1	0	1.608023	0	-21.359886	0	0	0	-21.359886
KIAMSF1	1	0	8.158375	0	-73.743453	0	0	0	-73.743453
KIATAWF1	1	0	0.69592	0	-8.000359	0	0	0	-8.000359
KINGASF1	1	0	10.437439	0	-83.934522	0	0	0	-83.934522
KPP_1	1	0	-0.000825	0	0.059255	0	-0.000825	0	0
KSP1	1	0	-2.246426	0	-5.320597	0	-2.246426	0	-5.320597
LADBROK1	1	0	-0.073018	0	-7.601231	0	-0.073018	0	-7.601231
LADBROK2	1	0	-0.087729	0	-0.994511	0	-0.087729	0	-0.994511
LBB1	1	8.981566	0.455537	85.455971	11.612646	0	0	0	0
LEM_WIL	1	0.098845	0.015398	0.075437	-0.018562	0	0	0	-0.018562
LGAPWF1	1	0	-0.712185	0	-1.799517	0	-0.712185	0	-1.799517
LGAPWF2	1	0	-0.546329	0	-6.444214	0	-0.546329	0	-6.444214
LILYSF1	1	0	-6.748679	0	-31.506762	0	-6.748679	0	-31.506762
LIMOSF11	1	0	-7.162997	0	-165.686309	0	-7.162997	0	-165.686309
LIMOSF21	1	0	-0.788169	0	-20.886434	0	-0.788169	0	-20.886434
LI_WY_CA	1	0	0.168528	0	0.133962	0	0	0	0

LKBONNY1	1	0	0.436609	0	-19.488967	0	0	0	-19.488967
LKBONNY2	1	0	-0.979091	0	-37.396458	0	-0.979091	0	-37.396458
LKBONNY3	1	0	-0.038791	0	-4.98617	0	-0.038791	0	-4.98617
LK_ECHO	1	0	0.003807	0	-0.008318	0	0	0	-0.008318
LNGS1	1	0	-0.353417	0	-6.312675	0	-0.353417	0	-6.312675
LNGS2	1	0	0	0	0	0	0	0	0
LONSDALE	1	0	0.000231	0	-0.001343	0	0	0	-0.001343
LOYB1	1	7.165312	9.40301	71.086885	38.553115	0	0	0	0
LOYB2	1	7.243829	3.50954	97.218292	126.494631	0	0	0	0
LYA1	1	18.031597	18.823367	9.572548	190.485951	0	0	0	0
LYA2	1	17.486197	4.722991	25.298223	77.929157	0	0	0	0
LYA3	1	17.931085	17.427273	10.269552	150.98585	0	0	0	0
LYA4	1	0	0	0	0	0	0	0	0
MACARTH1	1	0	7.218034	0	-100.638562	0	0	0	-100.638562
MACKNTSH	1	0.137018	0.016751	0.016529	0.034649	0	0	0	0
MANNSF2	1	0	-0.000364	0	3.354104	0	-0.000364	0	0
MANSLR1	1	0	0.985668	0	-24.152497	0	0	0	-24.152497
MAPS2PV1	1	0	-0.545988	0	3.187108	0	-0.545988	0	0
MAPS3PV1	1	0	-0.234425	0	1.920218	0	-0.234425	0	0
MARYRSF1	1	0	-2.826155	0	6.211099	0	-2.826155	0	0
MBPS2PV1	1	0	-0.709689	0	3.976401	0	-0.709689	0	0
MCINTYR1	1	0	1.093204	0	-7.675879	0	0	0	-7.675879
MCKAY1	1	0.141153	0.087476	24.447218	-17.092714	0	0	0	-17.092714
MEADOWBK	1	0	0.015389	0	-0.018144	0	0	0	-0.018144
MERCER01	1	0	-0.862916	0	-23.428029	0	-0.862916	0	-23.428029
METZSF1	1	0	-1.014835	0	-9.769367	0	-1.014835	0	-9.769367
MEWF1	1	0	-6.283857	0	64.910841	0	-6.283857	0	0
MIDDLSF1	1	0	-0.898742	0	-4.153063	0	-0.898742	0	-4.153063
MINTARO	1	0	1.630033	0	8.888218	0	0	0	0
MOLNGSF1	1	0	0.573585	0	-3.84008	0	0	0	-3.84008
MOORAWF1	1	0	-6.713435	0	-137.457648	0	-6.713435	0	-137.457648
MOREESF1	1	0	0.365975	0	-25.527197	0	0	0	-25.527197
MORTLK11	1	0	2.468898	0	-7.719843	0	0	0	-7.719843

MORTLK12	1	0	0.146148	0	-3.204076	0	0	0	-3.204076
MOUSF1	1	0	-7.414094	0	-10.369959	0	-7.414094	0	-10.369959
MP1	1	0.123416	34.382432	65.064712	138.401367	0	0	0	0
MP2	1	0.104673	32.385135	78.034314	155.726722	0	0	0	0
MPP_1	1	0	4.898593	0	3.25329	0	0	0	0
MPP_2	1	0	1.320037	0	25.945083	0	0	0	0
MRTLW1	1	0	6.380248	0	-96.057487	0	0	0	-96.057487
MSTUART1	1	0	-0.011787	0	-0.882857	0	-0.011787	0	-0.882857
MSTUART2	1	0	-0.015639	0	-0.784526	0	-0.015639	0	-0.784526
MSTUART3	1	0	0.123718	0	1.811946	0	0	0	0
MTGELW1	1	0	-4.020461	0	19.551517	0	-4.020461	0	0
MTMILLAR	1	0	0.441184	0	-2.290565	0	0	0	-2.290565
MURRAY	1	13.713612	1.175074	150.60749	-8.165113	0	0	0	-8.165113
MUSSELR1	1	0	-0.10264	0	-0.629777	0	-0.10264	0	-0.629777
MUWAWF1	1	0	2.413401	0	-122.492326	0	0	0	-122.492326
MUWAWF2	1	0	-0.447157	0	-30.189043	0	-0.447157	0	-30.189043
MWPS1PV1	1	0	-0.190765	0	1.204159	0	-0.190765	0	0
MWPS2PV1	1	0	-0.180027	0	0.681878	0	-0.180027	0	0
MWPS3PV1	1	0	-0.920472	0	4.697526	0	-0.920472	0	0
MWPS4PV1	1	0	-0.103632	0	0.966853	0	-0.103632	0	0
NBHW1	1	0	-3.845973	0	-17.463684	0	-3.845973	0	-17.463684
NEVERSF1	1	0	-0.351168	0	-90.345395	0	-0.351168	0	-90.345395
NEWENSF1	1	0	1.5172	0	-10.540958	0	0	0	-10.540958
NEWENSF2	1	0	3.632564	0	-37.775722	0	0	0	-37.775722
NPS	1	0	0.443668	0	2.84311	0	0	0	0
NUMURSF1	1	0	2.953538	0	-32.734218	0	0	0	-32.734218
NYNGAN1	1	0	10.513261	0	-147.612319	0	0	0	-147.612319
OAKEY1	1	0	0.034403	0	-3.228595	0	0	0	-3.228595
OAKEY1SF	1	0	-1.923809	0	-3.492602	0	-1.923809	0	-3.492602
OAKEY2	1	0	-0.004748	0	-1.343711	0	-0.004748	0	-1.343711
OAKEY2SF	1	0	-3.956094	0	13.866118	0	-3.956094	0	0
OAKLAND1	1	0	0.286648	0	-14.976833	0	0	0	-14.976833
OSB-AG	1	0	-0.598299	0	-0.104502	0	-0.598299	0	-0.104502



PAREPW1	1	0	1.630502	0	6.207585	0	0	0	0
PARSF1	1	0	-0.784999	0	-24.55597	0	-0.784999	0	-24.55597
PIBESS1	1	4.621339	0.131408	54.535906	2.924722	0	0	0	0
POAT110	1	0.018592	-0.112703	-0.000987	0.138748	0	-0.112703	-0.000987	0
POAT220	1	4.160367	0.026877	8.481893	0.087413	0	0	0	0
POR01	1	0	0	0	0	0	0	0	0
POR03	1	0	0	0	0	0	0	0	0
PPCCGT	1	0	-2.415661	1.406569	-0.306738	0	-2.415661	0	-0.306738
PTSTAN1	1	0	0.013956	0	-0.215591	0	0	0	-0.215591
PUMP1	1	0	-13.289921	0	5.81428	0	-13.289921	0	0
PUMP2	1	0	-29.316174	0	38.359488	0	-29.316174	0	0
QBYNB1	1	2.677283	-0.071894	53.164353	3.418468	0	-0.071894	0	0
QPS1	1	0	0.246733	0	-4.669132	0	0	0	-4.669132
QPS2	1	0	0	0	0	0	0	0	0
QPS3	1	0	0	0	0	0	0	0	0
QPS4	1	0	0	0	-0.20238	0	0	0	-0.20238
QPS5	1	0	0.620189	0	-5.710527	0	0	0	-5.710527
RANGEB1	1	0	6.693029	0	-2.660384	0	0	0	-2.660384
REECE1	1	0.802827	0.163798	0.030173	-0.067068	0	0	0	-0.067068
REECE2	1	0	0	0	0	0	0	0	0
RESS1	1	10.724804	1.470442	279.57613	16.124049	0	0	0	0
RIVNB2	1	2.273259	6.451025	64.05119	46.583264	0	0	0	0
ROMA_7	1	0	0.057788	0	1.095662	0	0	0	0
ROMA_8	1	0	0.144706	0	-0.157437	0	0	0	-0.157437
RRSF1	1	0	-13.638594	0	-11.006434	0	-13.638594	0	-11.006434
RUGBYR1	1	0	-3.00446	0	-17.733185	0	-3.00446	0	-17.733185
RYANCWF1	1	0	-2.092419	0	-81.790119	0	-2.092419	0	-81.790119
RYEPARK1	1	0	-1.340927	0	-24.854731	0	-1.340927	0	-24.854731
SALTCRK1	1	0	0.084618	0	6.66824	0	0	0	0
SAPHWF1	1	0	5.630128	0	-29.677894	0	0	0	-29.677894
SEBSF1	1	0	-4.697301	0	-18.362968	0	-4.697301	0	-18.362968
SHGEN	1	0	-2.33051	0	27.026764	0	-2.33051	0	0
SITHE01	1	0	-1.199854	0	8.322525	0	-1.199854	0	0

SMCSF1	1	0	-3.680676	0	17.463829	0	-3.680676	0	0
SNAPPER1	1	0	-0.0101	0	-4.784303	0	-0.0101	0	-4.784303
SNOWNTH1	1	0	-2.055988	0	28.90656	0	-2.055988	0	0
SNOWSTH1	1	0	-1.86844	0	18.768081	0	-1.86844	0	0
SNOWTWN1	1	0	1.237338	0	-28.949666	0	0	0	-28.949666
SNOWYP	1	0	1.136499	0	23.009788	0	0	0	0
SNUG1	1	0	0	0	0	0	0	0	0
SRSF1	1	0	-3.052498	0	3.809336	0	-3.052498	0	0
STAN-1	1	4.560839	4.287386	111.501096	22.837563	0	0	0	0
STAN-2	1	2.835209	8.217584	91.998981	13.494153	0	0	0	0
STAN-3	1	3.986492	4.82575	120.993574	13.516018	0	0	0	0
STAN-4	1	3.808081	4.959271	129.951022	16.71418	0	0	0	0
STARHLWF	1	0	-0.115986	0	6.792784	0	-0.115986	0	0
STOCKYD1	1	0	-21.744235	0	-180.888991	0	-21.744235	0	-180.888991
STWF1	1	0	4.152982	0	-100.536076	0	0	0	-100.536076
SUNRSF1	1	0	-4.103308	0	-173.53062	0	-4.103308	0	-173.53062
SUNTPSF1	1	0	12.837665	0	-102.571035	0	0	0	-102.571035
SWAN_E	1	0.036084	3.156306	1.217919	-32.077592	0	0	0	-32.077592
TALWA1	1	0	0	0	0	0	0	0	0
TALWB1	1	0	0.281725	0	6.249741	0	0	0	0
TARALGA1	1	0	-1.094179	0	28.079993	0	-1.094179	0	0
TARONG#1	1	1.706649	1.90649	24.104475	-1.111773	0	0	0	-1.111773
TARONG#2	1	0	-2.939569	0	25.10413	0	-2.939569	0	0
TARONG#3	1	4.770936	6.233149	96.641911	9.551443	0	0	0	0
TARONG#4	1	3.912251	3.898792	100.806494	8.717595	0	0	0	0
TARRALEA	1	0	0.004761	0	0.00251	0	0	0	0
TB2BG1	1	13.232953	0.484982	119.821579	5.090926	0	0	0	0
TB2SF1	1	0	-4.48372	0	18.220543	0	-4.48372	0	0
TBSF1	1	0	-5.104029	0	-14.708296	0	-5.104029	0	-14.708296
TIB1	1	29.69534	1.053901	847.247103	46.612327	0	0	0	0
TNPS1	1	0	20.504534	0	-5.185429	0	0	0	-5.185429
TORRB1	1	0	0	0	0	0	0	0	0
TORRB2	1	2.264166	0.11957	9.540931	24.194896	0	0	0	0

TORRB3	1	3.412243	0.410026	16.617497	66.255908	0	0	0	0
TORRB4	1	0.452518	-0.11481	4.037504	46.853466	0	-0.11481	0	0
TREVALLN	1	0	0.068401	0	-0.127986	0	0	0	-0.127986
TRIBUTE	1	0	0	0	0	0	0	0	0
TUMUT3	1	7.549899	1.678402	21.741176	-7.623127	0	0	0	-7.623127
TUNGATIN	1	0.03633	-0.124644	4.629677	0.250507	0	-0.124644	0	0
TVCC201	1	0	0	0	0	0	0	0	0
TVPP104	1	0	0.006344	0	-0.042312	0	0	0	-0.042312
UPPTUMUT	1	21.523723	7.317503	146.229552	21.365411	0	0	0	0
URANQ11	1	0	0.037027	0	-3.444385	0	0	0	-3.444385
URANQ12	1	0	-0.243916	0	-3.163233	0	-0.243916	0	-3.163233
URANQ13	1	0	0.012287	0	-7.104194	0	0	0	-7.104194
URANQ14	1	0	0.149233	0	-2.174417	0	0	0	-2.174417
VBB1	1	84.193917	5.469372	589.795105	71.056663	0	0	0	0
VP5	1	0	0.104534	0	-34.63375	0	0	0	-34.63375
VP6	1	0	0	0	0	0	0	0	0
VPGS1	1	0	-0.005674	0	0.008603	0	-0.005674	0	0
VPGS2	1	0	0	0	-0.08143	0	0	0	-0.08143
VPGS3	1	0	0.126294	0	0.052537	0	0	0	0
VPGS4	1	0	0	0	0	0	0	0	0
VPGS5	1	0	0	0	0	0	0	0	0
VPGS6	1	0	0	0	-0.056473	0	0	0	-0.056473
W/HOE#1	1	0.175989	-0.569663	44.569811	-23.969549	0	-0.569663	0	-23.969549
W/HOE#2	1	0.322938	-2.353085	76.190254	-36.721467	0	-2.353085	0	-36.721467
WAGGNSF1	1	0	1.09937	0	-40.452555	0	0	0	-40.452555
WALGRV1	1	18.678658	0.566605	164.646449	27.221891	0	0	0	0
WANDB1	1	12.447094	3.18966	157.273841	19.192394	0	0	0	0
WANDSF1	1	0	-5.411574	0	-71.305424	0	-5.411574	0	-71.305424
WARWSF1	1	0	-1.392643	0	-1.187131	0	-1.392643	0	-1.187131
WARWSF2	1	0	-1.154259	0	-2.524384	0	-1.154259	0	-2.524384
WATERLWF	1	0	0.501883	0	-1.639533	0	0	0	-1.639533
WDBESS1	1	4.245158	1.942091	217.763177	19.748577	0	0	0	0
WDGPH1	1	0	-50.330029	0	-124.416391	0	-50.330029	0	-124.416391

WELLSF1	1	0	-16.18476	0	-141.449322	0	-16.18476	0	-141.449322
WELNSF1	1	0	-26.417289	0	-522.707552	0	-26.417289	0	-522.707552
WEMENSF1	1	0	-0.655346	0	-26.026947	0	-0.655346	0	-26.026947
WGWFF1	1	0	-1.351014	0	-23.362841	0	-1.351014	0	-23.362841
WHITSF1	1	0	-6.86133	0	1.647706	0	-6.86133	0	0
WINTSF1	1	0	-3.46006	0	-6.691068	0	-3.46006	0	-6.691068
WKIEWA1	1	0	0.273981	0	-0.305005	0	0	0	-0.305005
WKIEWA2	1	0	0.142693	0	-0.938976	0	0	0	-0.938976
WLWLSF1	1	0	11.062026	0	-114.526432	0	0	0	-114.526432
WLWLSF2	1	0	-0.523605	0	-2.444798	0	-0.523605	0	-2.444798
WOODLWN1	1	0	-0.423756	0	-12.473509	0	-0.423756	0	-12.473509
WOOLGSF1	1	0	-14.524275	0	-49.270534	0	-14.524275	0	-49.270534
WPWF	1	0	-0.274997	0	-8.006316	0	-0.274997	0	-8.006316
WRSF1	1	0	1.251476	0	-14.323478	0	0	0	-14.323478
WRWF1	1	0	3.857659	0	-84.700289	0	0	0	-84.700289
WSTWYSF1	1	0	0.411297	0	-49.493741	0	0	0	-49.493741
WTAHB1	1	0	3.080662	0	-115.958021	0	0	0	-115.958021
WUNUSF1	1	0	-0.003601	0	0.884459	0	-0.003601	0	0
WYASF1	1	0	0.158716	0	-34.671434	0	0	0	-34.671434
YABULU	1	0	0.151636	0	-14.529764	0	0	0	-14.529764
YABULU2	1	0	0.331372	0	-3.826178	0	0	0	-3.826178
YARANSF1	1	0	-3.841861	0	-30.125454	0	-3.841861	0	-30.125454
YARWUN_1	1	0	0.056147	0	3.352916	0	0	0	0
YATSF1	1	0	-2.930157	0	-59.657487	0	-2.930157	0	-59.657487
YENDWF1	1	0	-1.238035	0	-8.90618	0	-1.238035	0	-8.90618
YWPS1	1	0	0.796268	0	22.60822	0	0	0	0
YWPS2	1	0	3.612877	0	37.460063	0	0	0	0
YWPS3	1	0	3.86511	0	47.99016	0	0	0	0
YWPS4	1	0	7.790138	0	48.165397	0	0	0	0

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### SCHEDULED AND SEMI-SCHEDULED AGGREGATIONS

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name	type	LEFa	LNEFa	REFa	RNEFa	N(LEFa)	N(LNEFa)	N(REFa)	N(RNEFa)	LFE Factor	Factor	MPF
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AGL Dalrymple Pty Limited	1	0	0.534964	0	-4.101109	0	0	0	-4.101109	-3.566146	0.033818
AGL Hydro Partnership	1	0	12.710867	0	-194.268593	0	0	0	-194.268593	-181.557725	1.721728
AGL Loy Yang Marketing Pty Ltd	1	0	40.973632	0	419.400958	0	0	0	0	0	0
AGL Macquarie Pty Limited	1	0	57.339876	0	67.353607	0	0	0	0	0	0
AGL SA Generation Pty Limited	1	0	-4.415153	0	120.467001	0	-4.415153	0	0	0	0
AGL Sales (Queensland Electricity) Pty Limited	1	0	3.18966	0	19.192394	0	0	0	0	0	0
Alinta Energy Retail Sales Pty Ltd	1	0	11.301263	0	150.892188	0	0	0	0	0	0
Ararat Wind Farm Pty Ltd	1	0	8.281236	0	-50.157791	0	0	0	-50.157791	-41.876555	0.397119
Arrow Southern Generation Pty Ltd And Arrow Braemar 2 Pty Ltd	1	0	-0.865018	0	3.744136	0	-0.865018	0	0	0	0
BWF Nominees Pty Ltd As The Trustee For BWF Trust	1	0	9.571507	0	-92.059423	0	0	0	-92.059423	-82.487916	0.78224
Berrybank 2 Asset Pty Ltd As The Trustee For Berrybank 2 Asset Trust	1	0	-1.869318	0	0.504044	0	-1.869318	0	0	-1.365274	0.012947
Berrybank Development Pty Ltd	1	0	-1.076597	0	-28.2351	0	-1.076597	0	-28.2351	-29.311697	0.277965
Blyth Battery Pty Ltd As The Trustee For Blyth Battery Trust	1	0	6.528993	0	-72.905343	0	0	0	-72.905343	-66.37635	0.629453
Boco Rock Wind Farm Pty Ltd	1	0	-0.967774	0	-45.434299	0	-0.967774	0	-45.434299	-46.402073	0.440035
Bodangora Wind Farm Pty Limited	1	0	12.932608	0	-38.465877	0	0	0	-38.465877	-25.533269	0.242134
Bomen Solar Farm Pty Ltd As Trustee For Bomen SF Trust	1	0	-2.349395	0	-45.151983	0	-2.349395	0	-45.151983	-47.501378	0.45046
Bouldercombe Battery Project Co Pty Ltd ATF Bouldercombe Battery Proj	1	0	5.29357	0	34.861673	0	0	0	0	0	0
Braemar Power Project Pty Ltd	1	0	-4.498144	0	-2.180881	0	-4.498144	0	-2.180881	-6.679025	0.063338
Bulgana Wind Farm Pty Ltd	1	0	3.958334	0	-13.747487	0	0	0	-13.747487	-9.789153	0.092831
Bungala One Operations Pty Ltd As Trustee For The Bungala One Operat	1	0	-10.800518	0	-13.80341	0	-10.800518	0	-13.80341	-24.603928	0.233321
Bungala Two Operations Pty Ltd As Trustee For The Bungala Two Operat	1	0	-9.339207	0	-18.494438	0	-9.339207	0	-18.494438	-27.833645	0.263949
CRWF Nominees Pty Ltd As Trustee For The CRWF Trust	1	0	2.031865	0	-6.610495	0	0	0	-6.610495	-4.578629	0.04342
CS Energy Limited	1	0	5.06493	0	-34.028824	0	0	0	-34.028824	-28.963894	0.274667
Callide Power Trading Pty Limited	1	0	17.062905	0	39.582825	0	0	0	0	0	0
Canunda Power Pty Ltd	1	0	-0.815928	0	-5.819804	0	-0.815928	0	-5.819804	-6.635732	0.062927
Capital Battery Pty Ltd As Trustee For Capital Battery Trust	1	0	1.113548	0	-11.003513	0	0	0	-11.003513	-9.889965	0.093787
Capricorn SF No1 Pty Ltd	1	0	-0.898742	0	-4.153063	0	-0.898742	0	-4.153063	-5.051805	0.047907
Cathedral Rocks Wind Farm Pty Ltd	1	0	-0.306548	0	-2.136208	0	-0.306548	0	-2.136208	-2.442757	0.023165
Cherry Tree Wind Farm Pty Ltd As Trustee For The Cherry Tree Project Ti	1	0	0.988985	0	-4.456443	0	0	0	-4.456443	-3.467458	0.032882
Childers Solar Pty Ltd ATF The Childers Solar Trust	1	0	-0.206331	0	-6.434857	0	-0.206331	0	-6.434857	-6.641187	0.062979
Clare Solar Farm Pty Ltd	1	0	-5.754715	0	-28.043399	0	-5.754715	0	-28.043399	-33.798115	0.320511
CleanCo Queensland Limited	1	0	-37.256566	0	-55.81875	0	-37.256566	0	-55.81875	-93.075315	0.882642
Clermont Asset Co Pty Ltd ATF Clermont Solar Unit Trust	1	0	-1.507554	0	-31.169387	0	-1.507554	0	-31.169387	-32.676941	0.309878

Coleambally Solar Pty Ltd	1	0	-7.545122	0	-109.142923	0	-7.545122	0	-109.142923	-116.688044	1.106563
Collector Wind Farm Pty Ltd	1	0	-3.887341	0	61.051789	0	-3.887341	0	0	0	0
Columboola Solar Farm Nominees Pty Ltd ATF Columboola Solar Farm O	1	0	-12.374895	0	-63.699878	0	-12.374895	0	-63.699878	-76.074773	0.721424
Corowa Operationsco Pty Ltd As The Trustee For Corowa Operations Tru:	1	0	-1.582783	0	-2.894863	0	-1.582783	0	-2.894863	-4.477646	0.042462
Crookwell 3 Development Pty Ltd	1	0	0.524021	0	-8.411454	0	0	0	-8.411454	-7.887434	0.074797
Crookwell Development Pty Ltd	1	0	2.634758	0	-6.960687	0	0	0	-6.960687	-4.325929	0.041023
Darling Downs Solar Farm Pty Ltd	1	0	0.861918	0	-27.511971	0	0	0	-27.511971	-26.650054	0.252725
Darlington Point Solar Farm Pty Ltd	1	0	-13.786613	0	-247.03082	0	-13.786613	0	-247.03082	-260.817433	2.473355
Daydream Solar Farm Pty Ltd As The Trustee For The Daydream Solar Fz	1	0	-11.281062	0	-19.127813	0	-11.281062	0	-19.127813	-30.408875	0.28837
Diamond Energy Pty Ltd	1	0	-8.706058	0	16.584614	0	-8.706058	0	0	0	0
Dulacca Energy Project Co Pty Ltd	1	0	1.05257	0	-31.142435	0	0	0	-31.142435	-30.089865	0.285345
Dundonnell Wind Farm Pty Ltd	1	0	-3.417464	0	46.263263	0	-3.417464	0	0	0	0
Edenvale Solar Park Pty Ltd	1	0	-4.978417	0	-59.249433	0	-4.978417	0	-59.249433	-64.22785	0.609078
Enel Energy Australia Pty Ltd	1	0	-0.918122	0	-38.278861	0	-0.918122	0	-38.278861	-39.196982	0.371708
EnergyAustralia Ecogen Pty Ltd	1	0	0.636495	0	-0.907494	0	0	0	-0.907494	-0.271	0.00257
EnergyAustralia Pty Ltd	1	0	74.750089	0	355.366618	0	0	0	0	0	0
EnergyAustralia Yallourn Pty Ltd	1	0	16.44569	0	155.836435	0	0	0	0	0	0
Ergon Energy Queensland Pty Ltd	1	0	-13.042996	0	32.249554	0	-13.042996	0	0	0	0
FS NSW Project No 1 At Pty Ltd ATF The FS NSW Project No 1 Asset Tr	1	0	0.403992	0	-55.354035	0	0	0	-55.354035	-54.950044	0.521096
GSP Energy Pty Ltd	1	0	5.745662	0	-47.047065	0	0	0	-47.047065	-41.301403	0.391665
Gannawarra Solar Farm Pty Ltd	1	0	-1.056081	0	-8.257477	0	-1.056081	0	-8.257477	-9.313558	0.088321
Genex (Solar) Pty Ltd	1	0	-2.246426	0	-5.320597	0	-2.246426	0	-5.320597	-7.567023	0.071759
Glenrowan Solar Farm Pty Ltd As Trustee For Glenrowan Solar Farm Trus	1	0	-8.00797	0	-36.696473	0	-8.00797	0	-36.696473	-44.704444	0.423936
Golden Plains WF1 Pty Ltd ATF The Golden Plains WF1 Unit Trust	1	0	1.450645	0	37.849064	0	0	0	0	0	0
Goonumbla Asset Co Pty Ltd As The Trustee For Goonumbla Asset Trust	1	0	6.354972	0	-23.507398	0	0	0	-23.507398	-17.152426	0.162658
Goyder Wind Farm 1 Pty Ltd ATF Goyder Wind Farm 1 Trust	1	0	3.296993	0	-38.107737	0	0	0	-38.107737	-34.810744	0.330113
Goyder Wind Farm 1B Pty Ltd ATF Goyder Wind Farm 1B Trust	1	0	0.499953	0	-6.046567	0	0	0	-6.046567	-5.546613	0.052599
Gunnedah SF Pty Ltd As Trustee For Gunnedah Asset Trust	1	0	-5.247161	0	8.919939	0	-5.247161	0	0	0	0
Gunning Wind Energy Developments Pty Ltd	1	0	1.708811	0	-24.814922	0	0	0	-24.814922	-23.10611	0.219117
HWF 2 Pty Ltd	1	0	-3.598773	0	35.014804	0	-3.598773	0	0	0	0
HWF1 Pty Ltd	1	0	-3.547806	0	14.358922	0	-3.547806	0	0	0	0
HWF3 Pty Ltd	1	0	-4.128044	0	23.675602	0	-4.128044	0	0	0	0
Hamilton Solar Farm Pty Ltd	1	0	-4.408197	0	7.153537	0	-4.408197	0	0	0	0

Hawkesdale Asset Pty Ltd As Trustee For Hawkesdale Asset Trust	1	0	-2.475824	0	-30.042885	0	-2.475824	0	-30.042885	-32.518708	0.308378
Hayman Solar Farm Pty Ltd As The Trustee For The Hayman Solar Farm	1	0	-3.501702	0	3.239907	0	-3.501702	0	0	-0.261796	0.002483
Hazelwood BESS Project Co Pty Ltd ATF The HBESS Asset Trust	1	0	2.623463	0	41.150471	0	0	0	0	0	0
Hillston Sun Farm Operations Pty Ltd ATF Hillston Sun Farm Operations T	1	0	-4.481266	0	-38.606738	0	-4.481266	0	-38.606738	-43.088004	0.408607
Hornsedale Power Reserve Pty Ltd	1	0	7.690952	0	128.975882	0	0	0	0	0	0
Hydro-Electric Corporation	1	0	0.769324	0	-0.034907	0	0	0	-0.034907	0	0
Iberdrola Australia Energy Markets Pty Limited	1	0	-0.886195	0	-260.177472	0	-0.886195	0	-260.177472	-261.063667	2.47569
Iberdrola Australia Wallgrove Pty Limited	1	0	0.566605	0	27.221891	0	0	0	0	0	0
Iraak Sun Farm Pty Ltd	1	0	-0.08856	0	-21.00415	0	-0.08856	0	-21.00415	-21.09271	0.200024
Jemalong PV Asset Pty Ltd As Trustee For The Jemalong PV Asset Trust	1	0	1.118831	0	-52.561557	0	0	0	-52.561557	-51.442726	0.487836
Junee Operationsco Pty Ltd Atf Junee Operations Trust	1	0	1.487681	0	-19.255496	0	0	0	-19.255496	-17.767815	0.168494
KSF Project Nominees Pty Ltd As The Trustee For KSF Project Trust	1	0	8.158375	0	-73.743453	0	0	0	-73.743453	-65.585078	0.621949
Kaban Wind Farm Pty Ltd As Trustee For Kaban Wind Farm Trust	1	0	0.754106	0	-9.83854	0	0	0	-9.83854	-9.084433	0.086148
Kennedy Energy Park Pty Ltd	1	0	1.608023	0	-21.359886	0	0	0	-21.359886	-19.751864	0.187309
Kiata ProjectCo Pty Ltd Atf Kiata Project Trust	1	0	0.69592	0	-8.000359	0	0	0	-8.000359	-7.304439	0.069269
Kingaroy Propertyco Pty Ltd As Trustee For Kingaroy Property Trust	1	0	10.437439	0	-83.934522	0	0	0	-83.934522	-73.497083	0.696979
Lake Bonney Wind Power Pty Ltd	1	0	-0.125737	0	-50.258949	0	-0.125737	0	-50.258949	-50.384686	0.477802
Lal Lal Wind Farms Nom Co Pty Ltd	1	0	-1.860023	0	-7.311589	0	-1.860023	0	-7.311589	-9.171612	0.086975
Lightsource Australia SPV 4 Pty Ltd	1	0	-16.18476	0	-141.449322	0	-16.18476	0	-141.449322	-157.634082	1.494858
Limondale Sun Farm Pty Ltd	1	0	-7.951166	0	-186.572743	0	-7.951166	0	-186.572743	-194.52391	1.844688
Lincoln Gap Wind Farm (Operations) Pty Ltd	1	0	-1.258514	0	-8.243731	0	-1.258514	0	-8.243731	-9.502245	0.090111
Macintyre UJV Operator Pty Ltd	1	0	1.093204	0	-7.675879	0	0	0	-7.675879	-6.582675	0.062424
Manildra Prop Pty Ltd As The Trustee For The Manildra Asset Trust	1	0	0.985668	0	-24.152497	0	0	0	-24.152497	-23.166829	0.219693
Mannum Stage 2 SubCo Pty Ltd As Trustee For The Mannum Stage 2 Uni	1	0	-0.000364	0	3.354104	0	-0.000364	0	0	0	0
Metz ProjectCo Pty Ltd As The Trustee For Metz ProjectCo Trust	1	0	-1.014835	0	-9.769367	0	-1.014835	0	-9.769367	-10.784202	0.102268
Millmerran Energy Trader Pty Ltd	1	0	6.218631	0	29.198373	0	0	0	0	0	0
Molong Operationsco Pty Ltd As The Trustee For Molong Operations Trus	1	0	0.573585	0	-3.84008	0	0	0	-3.84008	-3.266495	0.030976
Mondo Power Pty Ltd	1	0	0.131408	0	2.924722	0	0	0	0	0	0
Moorabool Wind Farm Interface Company Pty Ltd	1	0	-6.713435	0	-137.457648	0	-6.713435	0	-137.457648	-144.171082	1.367187
Moree Asset Co Pty Ltd As The Trustee For Moree Asset Trust	1	0	0.365975	0	-25.527197	0	0	0	-25.527197	-25.161222	0.238606
Mortlake South Wind Farm Pty Ltd	1	0	6.380248	0	-96.057487	0	0	0	-96.057487	-89.67724	0.850417
Moura Solar Farm SPV Pty Ltd ATF Moura Solar Farm Unit Trust	1	0	-7.414094	0	-10.369959	0	-7.414094	0	-10.369959	-17.784054	0.168648
Mt Mercer Windfarm Pty Ltd	1	0	-0.862916	0	-23.428029	0	-0.862916	0	-23.428029	-24.290945	0.230353

Mt Millar Wind Farm Pty Ltd	1	0	0.441184	0	-2.290565	0	0	0	-2.290565	-1.84938	0.017538
Mt. Gellibrand Wind Farm Pty Ltd	1	0	-4.020461	0	19.551517	0	-4.020461	0	0	0	0
Munmorah Battery ProjectCo Pty Ltd	1	0	3.080662	0	-115.958021	0	0	0	-115.958021	-112.877359	1.070426
Murra Warra II Project Co Pty Ltd ATF The Murra Warra II Project Trust	1	0	-0.447157	0	-30.189043	0	-0.447157	0	-30.189043	-30.636201	0.290526
NESF Pty Ltd As Trustee Of The New England Solar Project Trust	1	0	5.149763	0	-48.31668	0	0	0	-48.31668	-43.166917	0.409356
Nevertire Solar Pty Ltd As The Trustee For Nevertire Solar Trust	1	0	-0.351168	0	-90.345395	0	-0.351168	0	-90.345395	-90.696564	0.860084
New Gullen Range Wind Farm Pty Ltd	1	0	-3.825201	0	-59.714972	0	-3.825201	0	-59.714972	-63.540173	0.602557
Numurkah Solar Farm Pty Ltd	1	0	2.953538	0	-32.734218	0	0	0	-32.734218	-29.78068	0.282413
Origin Energy Electricity Limited	1	0	26.337137	0	53.023633	0	0	0	0	0	0
PARF COMPANY 10 PTY LIMITED As The Trustee For Coopers Gap Pro	1	0	-2.031297	0	44.278642	0	-2.031297	0	0	0	0
PARF Company 6 Pty Ltd As The Trustee For Project Trust	1	0	13.353474	0	-194.618305	0	0	0	-194.618305	-181.264831	1.718951
PARF Company 8 Pty Ltd As The Trustee For Silvertown Project Trust	1	0	4.152982	0	-100.536076	0	0	0	-100.536076	-96.383094	0.914009
Pacific Hydro Clements Gap Pty Ltd	1	0	-1.493096	0	2.140504	0	-1.493096	0	0	0	0
Pacific Hydro Crowlands Pty Ltd	1	0	5.763461	0	-48.943803	0	0	0	-48.943803	-43.180341	0.409483
Pacific Hydro Houghton Solar Farm Pty Ltd	1	0	-3.731401	0	-18.315474	0	-3.731401	0	-18.315474	-22.046875	0.209072
Parkes Solar Farm Pty Ltd	1	0	-0.784999	0	-24.55597	0	-0.784999	0	-24.55597	-25.340969	0.240311
Pelican Point Power Limited	1	0	-2.415661	0	-0.306738	0	-2.415661	0	-0.306738	-2.722399	0.025817
Port Adelaide Energy Pty Ltd	1	0	-0.0101	0	-4.784303	0	-0.0101	0	-4.784303	-4.794403	0.045466
QGC Sales Qld Pty Ltd	1	0	1.126313	0	-28.097063	0	0	0	-28.097063	-26.970749	0.255766
QPM Energy Markets Pty Ltd	1	0	0.483007	0	-18.355942	0	0	0	-18.355942	-17.872935	0.169491
RTA Yarwun Pty Ltd	1	0	0.056147	0	3.352916	0	0	0	0	0	0
Ross River Operations Pty Ltd As The Trustee For The Ross River Operat	1	0	-13.638594	0	-11.006434	0	-13.638594	0	-11.006434	-24.645028	0.233711
Ryan Corner Development Pty Ltd	1	0	-2.092419	0	-81.790119	0	-2.092419	0	-81.790119	-83.882538	0.795466
Rye Park Renewable Energy Pty Ltd ATF Rye Park Wind Farm Trust	1	0	-1.340927	0	-24.854731	0	-1.340927	0	-24.854731	-26.195658	0.248416
Salt Creek Wind Farm Pty Ltd	1	0	0.084618	0	6.66824	0	0	0	0	0	0
Sebastopol Asset Co Pty Ltd As Trustee For The Sebastopol Asset Trust	1	0	-4.697301	0	-18.362968	0	-4.697301	0	-18.362968	-23.060269	0.218683
Shell Energy Retail Pty Ltd	1	0	8.193126	0	8.891359	0	0	0	0	0	0
Shell New Energies Australia Pty Ltd	1	0	-1.055272	0	-41.408374	0	-1.055272	0	-41.408374	-42.463647	0.402687
Smithfield Power Generation Pty Ltd	1	0	-1.199854	0	8.322525	0	-1.199854	0	0	0	0
Snowtown Wind Farm Pty Ltd	1	0	1.237338	0	-28.949666	0	0	0	-28.949666	-27.712328	0.262798
Snowtown Wind Farm Stage 2 Pty Ltd	1	0	-3.924427	0	47.674641	0	-3.924427	0	0	0	0
Snowy Hydro Limited	1	0	11.520013	0	15.996596	0	0	0	0	0	0
South Australian Water Corporation	1	0	-3.755362	0	38.259843	0	-3.755362	0	0	0	0



Stanwell Corporation Limited	1	0	51.853254	0	103.559113	0	0	0	0	0	0
Starfish Hill Wind Farm Pty Ltd	1	0	-0.115986	0	6.792784	0	-0.115986	0	0	0	0
Stockyard Hill Wind Farm Pty Ltd	1	0	-21.744235	0	-180.888991	0	-21.744235	0	-180.888991	-202.633226	1.921589
Sun Metals Corporation Pty Ltd	1	0	-3.680676	0	17.463829	0	-3.680676	0	0	0	0
Sun Spot 3 Pty Ltd	1	0	-0.003601	0	0.884459	0	-0.003601	0	0	0	0
Sunraysia Solar Project Pty Ltd As Trustee For Sunraysia Solar Project Tr	1	0	-4.103308	0	-173.53062	0	-4.103308	0	-173.53062	-177.633928	1.684518
Sunset Power International Pty Ltd	1	0	0.104534	0	-34.63375	0	0	0	-34.63375	-34.529216	0.327444
Suntop SF Pty Ltd As Trustee For The Suntop Asset Trust	1	0	12.837665	0	-102.571035	0	0	0	-102.571035	-89.73337	0.85095
Susan River Solar Pty Ltd As Trustee For Susan River Solar Trust	1	0	-3.052498	0	3.809336	0	-3.052498	0	0	0	0
Synergen Power Pty Limited	1	0	1.708186	0	8.089069	0	0	0	0	0	0
Tailem Bend II Project Company Pty Ltd ATF Tailem Bend II Project Trust	1	0	-3.998738	0	23.311469	0	-3.998738	0	0	0	0
Taralga Wind Farm Nominees No 2 Pty Ltd (ATF Taralga Wind Farm Ope	1	0	-1.094179	0	28.079993	0	-1.094179	0	0	0	0
Telstra Energy (Generation) Pty Ltd	1	0	-2.327439	0	-153.576725	0	-2.327439	0	-153.576725	-155.904164	1.478453
The Trustee For Finley Solar Trust	1	0	-3.223571	0	-49.368203	0	-3.223571	0	-49.368203	-52.591774	0.498732
The Trustee For Granville Harbour Operations Trust	1	0	0.017392	0	0.211891	0	0	0	0	0	0
The Trustee For The SWF1 Operations Trust	1	0	5.630128	0	-29.677894	0	0	0	-29.677894	-24.047766	0.228047
The University Of Queensland	1	0	-2.546902	0	-3.711515	0	-2.546902	0	-3.711515	-6.258418	0.059349
Vena Energy Services (Australia) Pty Ltd	1	0	-5.104029	0	-14.708296	0	-5.104029	0	-14.708296	-19.812325	0.187882
Victorian Big Battery Pty Ltd	1	0	5.469372	0	71.056663	0	0	0	0	0	0
Wagga Wagga Operationsco Pty Ltd Atf Wagga Wagga Operations Trust	1	0	1.09937	0	-40.452555	0	0	0	-40.452555	-39.353185	0.37319
Walla Walla Asset Co Pty Ltd As Trustee For The Walla Walla Asset Trus	1	0	10.538421	0	-116.97123	0	0	0	-116.97123	-106.432809	1.009312
Wandoan Solar Project Co Pty Ltd As Trustee For Wandoan Solar Project	1	0	-5.411574	0	-71.305424	0	-5.411574	0	-71.305424	-76.716998	0.727514
Waterloo Wind Farm Pty Ltd	1	0	0.501883	0	-1.639533	0	0	0	-1.639533	-1.137651	0.010788
Wellington North Solar Farm Pty Limited	1	0	-26.417289	0	-522.707552	0	-26.417289	0	-522.707552	-549.124841	5.2074
Wemen Asset Co Pty Ltd As Trustee For Wemen Solar Unit Trust	1	0	-0.655346	0	-26.026947	0	-0.655346	0	-26.026947	-26.682293	0.253031
West Wyalong Fund Pty Ltd As The Trustee For West Wyalong Trust	1	0	0.411297	0	-49.493741	0	0	0	-49.493741	-49.082444	0.465453
Western Downs BESS Pty Ltd ATF The Western Downs BESS Trust	1	0	1.942091	0	19.748577	0	0	0	0	0	0
Western Downs Green Power Hub Pty Ltd ATF Western Downs Green Po	1	0	-50.330029	0	-124.416391	0	-50.330029	0	-124.416391	-174.74642	1.657136
White Rock Wind Farm Pty Ltd	1	0	5.109135	0	-99.023767	0	0	0	-99.023767	-93.914633	0.890601
Whitsunday Solar Farm Pty Ltd	1	0	-6.86133	0	1.647706	0	-6.86133	0	0	-5.213624	0.049441
Wild Cattle Hill Pty Ltd	1	0	0.034188	0	0.166019	0	0	0	0	0	0
Willogoleche Power Pty Ltd As The Trustee For The Willogoleche Operati	1	0	-1.351014	0	-23.362841	0	-1.351014	0	-23.362841	-24.713855	0.234364
Winton Asset Co Pty Ltd As The Trustee For Winton Asset Trust	1	0	-3.46006	0	-6.691068	0	-3.46006	0	-6.691068	-10.151127	0.096264

Wirtgen Energy Glenrowan Pty Ltd	1	0	-10.055862	0	17.046001	0	-10.055862	0	0	0	0
Woodlawn Wind Pty Ltd	1	0	-0.423756	0	-12.473509	0	-0.423756	0	-12.473509	-12.897265	0.122306
Woolooga Fund Pty Ltd As Trustee For The Woolooga Trust	1	0	-14.524275	0	-49.270534	0	-14.524275	0	-49.270534	-63.794809	0.604972
Wyalong Solar Farm Pty Ltd ATF Wyalong Solar Farm Unit Trust	1	0	0.158716	0	-34.671434	0	0	0	-34.671434	-34.512718	0.327287
X-ELIO Blue Grass Pty Ltd	1	0	3.436782	0	-56.264089	0	0	0	-56.264089	-52.827307	0.500966
Yarranlea Solar Pty Ltd	1	0	-3.841861	0	-30.125454	0	-3.841861	0	-30.125454	-33.967315	0.322115
Yatpool Sun Farm Pty Ltd	1	0	-2.930157	0	-59.657487	0	-2.930157	0	-59.657487	-62.587645	0.593524
TOTALS	1	0	72.109279	0	-3674.105622	0	-479.580645	0	-6110.521267	-6292.318247	59.670615

## NON-SCHEDULED METERED UNITS

name	type	LEFa	LNEFa	REFa	RNEFa	N(LEFa)	N(LNEFa)	N(REFa)	N(RNEFa)	LFE Factor	Factor	MPF
BARCSF1	2	0	-0.239147	0	-0.124029	0	-0.239147	0	-0.124029			
BUTLERSG	2	0	0.000851	0	0.000963	0	0	0	0			
CAPTL_WF	2	0	-1.728189	0	-3.272925	0	-1.728189	0	-3.272925			
CHALLHWF	2	0	0.049465	0	-1.150709	0	0	0	-1.150709			
CLOVER	2	0	0.006057	0	0.295916	0	0	0	0			
CLUNY	2	0	-0.002025	0	-0.006356	0	-0.002025	0	-0.006356			
CULLRGWF	2	0	-0.142788	0	0.145708	0	-0.142788	0	0			
DIAPURWF1	2	0	-0.14596	0	-1.393855	0	-0.14596	0	-1.393855			
ERGT01	2	0	-0.000002	0	-0.882081	0	-0.000002	0	-0.882081			
GB01	2	0	0	0	0	0	0	0	0			
GERMCRK	2	0	-0.025656	0	-0.073268	0	-0.025656	0	-0.073268			
GRIFSF1	2	0	-0.937601	0	-5.722656	0	-0.937601	0	-5.722656			
HUGSF1	2	0	-0.059826	0	-0.480166	0	-0.059826	0	-0.480166			
INVICTA	2	0	0.085862	0	-0.801122	0	0	0	-0.801122			
JOUNAMA1	2	0	0.048681	0	0.27641	0	0	0	0			
KAREEYA5	2	0	-0.008279	0	0.408176	0	-0.008279	0	0			
LRSF1	2	0	-0.542324	0	-2.367571	0	-0.542324	0	-2.367571			
MBAHNTH	2	0	0.059847	0	0.982542	0	0	0	0			
MLSP1	2	0	-0.407964	0	0.731349	0	-0.407964	0	0			
MLWF1	2	0	-0.040875	0	-0.991568	0	-0.040875	0	-0.991568			



Origin Energy Electricity Limited	2	0	-0.000002	0	-0.882081	0	-0.000002	0	-0.882081	-6.185136	-0.882083	0.067019
Pacific Hydro Chalice Hills Pty Ltd	2	0	0.049465	0	-1.150709	0	0	0	-1.150709	-7.721883	-1.101244	0.083671
Pacific Hydro Yaloak South Pty Ltd	2	0	0.008834	0	-2.323963	0	0	0	-2.323963	-16.233602	-2.315129	0.175899
Pyrenees Wind Energy Developments Pty Ltd	2	0	0.043767	0	-7.420756	0	0	0	-7.420756	-51.727177	-7.376989	0.56049
Royalla Solar Farm Pty Limited	2	0	-0.378583	0	-1.441967	0	-0.378583	0	-1.441967	-12.76563	-1.82055	0.138322
Snowy Hydro Limited	2	0	0.048681	0	0.27641	0	0	0	0	0	0	0
Stanwell Corporation Limited	2	0	0.085862	0	-0.801122	0	0	0	-0.801122	-5.015379	-0.71526	0.054344
Tomago Aluminium Company Pty Ltd	2	0	-0.364954	0	-8.836929	0	-0.364954	0	-8.836929	-64.523262	-9.201883	0.699142
W.H. Heck & Sons Proprietary Limited	2	0	-0.01401	0	-0.116864	0	-0.01401	0	-0.116864	-0.917688	-0.130875	0.009944
TOTALS	2	0	-4.376202	0	-37.2517	0	-5.402096	0	-41.305739	-322.086319	-45.960876	8.986558

## METERED DATA SUMMARY

name	type	LEFa	LNEFa	REFa	RNEFa	N(LEFa)	N(LNEFa)	N(REFa)	N(RNEFa)	LFE Factor	Factor	MPF
											-6660.365443	68.657173

## REGIONS: WITHIN 5-MINUTES

name	type	LEFa	LNEFa	REFa	RNEFa	N(LEFa)	N(LNEFa)	N(REFa)	N(RNEFa)	LFE Factor	Factor	MPF
NSW1	3	0	-24.823449	0	-173.024616	0	-24.823449	0	-173.024616		-197.848066	
QLD1	3	0	-15.326167	0	-88.379776	0	-15.326167	0	-88.379776		-103.705943	
SA1	3	0	0.522825	0	-15.596812	0	0	0	-15.596812		-15.073987	
TAS1	3	0	-0.063449	0	-0.102104	0	-0.063449	0	-0.102104		-0.165554	
VIC1	3	0	-26.288163	0	-115.224538	0	-26.288163	0	-115.224538		-141.512701	
TOTALS	3	0	-65.978404	0	-392.327847	0	-66.501229	0	-392.327847		-458.306251	

## REGIONS: FORECAST ERROR

name	type	LEFa	LNEFa	REFa	RNEFa	N(LEFa)	N(LNEFa)	N(REFa)	N(RNEFa)	LFE Factor	Factor	MPF
NSW1_LFE	4	0	-88.222245	0	-1312.937938	0	-88.222245	0	-1312.937938		-1401.160183	
QLD1_LFE	4	0	-40.309863	0	-742.812995	0	-40.309863	0	-742.812995		-783.122858	

SA1_LFE	4	0	-32.158768	0	-146.796034	0	-32.158768	0	-146.796034	-178.954802
TAS1_LFE	4	0	0.798766	0	-1.868439	0	0	0	-1.868439	-1.069673
VIC1_LFE	4	0	-211.214407	0	-638.013473	0	-211.214407	0	-638.013473	-849.22788
TOTALS	4	0	-371.106516	0	-2842.428879	0	-371.905282	0	-2842.428879	-3213.535395

**SYSTEM RESIDUAL: WITHIN 5-MINUTES**

name	type	LEFa	LNEFa	REFa	RNEFa	N(LEFa)	N(LNEFa)	N(REFa)	N(RNEFa)	LFE Factor	Factor	MPF
												-412.345375

**SYSTEM RESIDUAL: FORECAST ERROR**

name	type	LEFa	LNEFa	REFa	RNEFa	N(LEFa)	N(LNEFa)	N(REFa)	N(RNEFa)	LFE Factor	Factor	MPF
												-2891.449076

**NON-METERED DATA SUMMARY**

name	type	LEFa	LNEFa	REFa	RNEFa	N(LEFa)	N(LNEFa)	N(REFa)	N(RNEFa)	LFE Factor	Factor	MPF
												-3303.79445 31.342827

**AGGREGATE MPF**

name	type	LEFa	LNEFa	REFa	RNEFa	N(LEFa)	N(LNEFa)	N(REFa)	N(RNEFa)	LFE Factor	Factor	MPF
AMPF												-9965.493858 100