

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,169 MW
Distillate	0 MW
Total TNB	2,169 MW
Total IPP	20,244 MW
Total Co-Gen	0 MW
Total System	25,443 MW

Generation Mix

Type	MWh	Percentage
Hydro	27,693	7.48 %
Gas	52,029	14.05 %
Total TNB	79,722	21.53 %
ST-Coal	179,311	48.43 %
ST-Gas	2,100	0.57 %
LSS	3,453	0.93 %
Gas	104,933	28.34 %
Total IPP	289,797	78.26 %
Co-Gen	534	0.14 %
Total Co-Gen	534	0.14 %
Total Generation	370,053	99.94 %
PLTG	1,422	0.38 %
HVDC	-1,655	-0.45 %
Interconnection	-233	-0.06 %
Net Energy	370,286	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,378 MW
TNB Generation	3,853 MW
IPP Generation	13,241 MW
Spinning Reserve	1,251 MW
Maximum Demand	17,174 MW
Net Energy	370,286 MWH
Load Factor	89.84 %

Fuel Cost

Total Cost:	113,018,585.00 RM
Cost per Unit	30.54 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	780
Hydro	342
Syncon	19
Thermal	376
Total	1,517

Time	Weather	Temperature
Afternoon	Hot	37
Morning	Rainy	26

Gas Usage

Station	(mmcsfd)
GLGR	48
TJGS	84
Total TNB	133
CBPS	39
EMPP	306
KLPP	3
NPRI	78
PCGP	89
PGLA	81
PLPS	88
SPGP	211
PKLG	36
Total IPP	932
Total Gas	1,064
Total Gas Required	1,064

Alternate Fuel Usage

Station	(mmcsfd)
Total	0

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	15506	14628	14247	13713	13395	13208	13215	13273	13798	15427	16262	16531	16360	16071	16631	16965	17083	16732	15898	15867	16749	16440	15991	15630

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, October 4, 2022 11:50:38 AM
(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Wednesday

Station	Unit	0000		0100		0200		0300		0400		0500		0600		0700		0800		0900		1000		1100		1200		1300		1400		1500		1600		1700		1800		1900		2000		2100		2200		2300		
JMAH	U001	214	212	215	214	214	214	215	212	213	214	214	214	215	213	214	214	215	214	214	213	215	214	214	213	215	214	212	215	213	214	214	215	213	214	214	214	215	215	214	214	213	213	214	214	214	213	215		
JMAH	U002	216	213	213	214	215	214	215	213	213	213	213	214	213	214	214	214	214	214	214	214	214	214	213	214	215	213	213	213	213	213	214	213	214	214	214	215	215	214	214	213	213	214	214	214	214	213	213		
JMHE	U001	96	142	254	498	514	531	761	902	900	902	896	901	849	851	848	852	847	938	976	978	980	978	977	979	980	976	981	981	983	977	981	980	979	975	977	976	976	977	978	978	975	980	978	980	979	976	977	982	
JMHE	U002	979	980	976	981	904	902	901	900	846	850	847	851	849	852	847	851	849	954	981	979	980	980	982	979	981	979	980	978	980	978	979	980	978	976	979	976	980	979	980	977	980	982	981	980	978	980	978	980	
JMJG	U001	664	667	659	664	671	668	623	623	623	623	626	623	623	625	622	619	629	623	618	623	621	628	620	623	619	623	623	623	620	629	619	618	637	670	666	667	666	667	656	662	662	662	662	662	654	662			
JMJG	U002	675	672	662	668	672	672	635	557	467	427	431	431	431	429	428	489	569	654	672	664	671	671	666	667	666	669	673	671	671	662	666	669	665	667	672	672	666	667	662	669	668	676	672	667	673	667	662	666	
JMJG	U003	664	666	654	676	640	667	644	668	671	660	689	645	678	653	680	651	672	657	665	665	667	655	659	668	657	678	655	675	656	659	667	662	649	639	641	652	638	655	628	654	0	0	0	0	0	0	0	0	
JMJG	U004	977	977	978	979	945	902	902	903	886	853	858	856	856	854	855	856	855	881	944	978	980	980	978	978	978	977	978	978	978	981	979	978	982	983	981	980	983	981	978	978	980	979	977	978	982	976	982	977	
PKLG	U006	267	269	267	269	261	269	269	268	268	268	269	268	269	268	269	268	268	268	314	341	296	298	268	259	267	269	269	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TBIN	U001	698	469	249	210	210	208	211	211	210	212	211	209	210	211	211	230	367	639	696	697	698	700	694	696	697	698	698	698	696	697	698	697	699	697	694	697	698	697	698	697	698	698	697	695	699	698	697	697	
TBIN	U002	699	471	220	209	213	212	213	212	212	213	214	213	213	212	212	295	490	643	702	705	697	701	698	700	701	702	702	701	701	699	702	703	697	700	702	700	701	702	705	700	698	701	698	702	702	703	699		
TBIN	U003	711	700	695	700	516	311	207	214	213	212	213	213	213	213	214	211	213	211	212	212	212	212	213	212	212	212	212	211	212	212	213	211	212	212	212	212	212	212	225	346	458	641	715	700	703	700			
TBIN	U004	935	936	938	937	906	907	904	904	871	854	854	853	856	854	853	853	854	898	940	941	941	940	942	940	938	939	939	940	940	939	937	940	937	938	938	938	937	938	937	939	938	937	937	939	938	939	939		
Total ST-Coal		7795	7374	6980	7219	6881	6677	6700	6787	6593	6499	6536	6493	6474	6448	6466	6504	6708	7417	8058	8161	8181	8128	8125	8134	8123	8148	7869	7882	7866	7856	7867	7861	7870	7884	7894	7899	7882	7902	7860	7896	7252	7386	7492	7665	7757	7728	7721	7730	
Total ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PKLG	U006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267	269	269	269	269	273	365	436	434	342	265	269	291	341	350	434	450	450	450	449	404	313
CBPS	BLK2	245	256	280	276	290	290	290	200	200	200	200	200	200	200	200	200	200	200	199	202	231	264	266	274	273	285	292	297	298	302	302	302	301	218	198	201	200	196	199	211	199	201	198	193	197	193	191		
EMPP	BLK1	690	713	709	698	718	693	691	675	689	709	658	653	679	702	688	707	709	708	659	710	709	711	711	704	665	650	678	707	711	704	698	710	706	707	703	707	710	579	694	701	724	694	708	707	507	606	583	583	
EMPP	BLK2	704	712	711	709	717	706	708	687	707	711	674	667	693	709	695	711	709	706	677	710	709	710	710	708	682	669	693	707	711	705	698	710	706	706	701	707	710	708	706	706	726	708	709	707	702	705	622	600	
EMPP	BLK3	691	712	711	697	716	693	690	673	678	710	659	648	680	701	687	709	710	707	665	709	709	711	711	708	662	652	678	706	711	702	697	709	707	707	701	707	711	708	693	701	722	692	710	707	685	692	679	639	
GLGR	GT01	66	67	67	67	68	66	67	67	67	67	66	65	66	66	66	65	67	66	67	66	65	67	66	65	65	66	67	67	65	65	67	77	100	72	65	64	65	66	105	103	104	104	104	104	104	103			
GLGR	GT02	66	65	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	65	66	65	66	65	66	66	66	66	65	66	65	78	99	71	66	66	65	66	104	103	102	103	103	103	103	103			
GLGR	ST1C	70	71	71	70	71	71	71	71	71	71	71	70	70	70	71	70	71	70	71	71	71	71	71	71	71	71	71	71	71	71	71	71	73	92	81	71	70	71	71	91	94	94	94	94	94	94	94		
KLPP	GT15	110	110	110	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
KLPP	ST17	58	59	58	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
NPRI	BLK2	516	531	527	500	535	511	509	484	441	476	433	440	430	455	451	508	528	514	442	482	530	527	484	501	356	324	328	527	532	526	526	527	528	526	524	527	528	528	511	524	541	512	530	524	510	505	491	475	
PCGP	PGRG	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600			
PGLA	GT11	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135			
PGLA	GT12	137	138	138	137	137	137	138	137	137	137	138	138	138	139	137	138	139	138	138	138	138	138	138	138	138	138	137	137	138	138	138	138	137	137	137	137	137	137	138	156	216	217	134	136	138	138	127	127	165
PGLA	ST10	181	180	180	180	180	180	180	180	179	180	179	180	180	180	179	179	179	179	179	179	179	180	180	180	180	180	180	180	180	180	181	181	181	180	180	180	180	181	181	191	231	236	184	180	59	0	0	82	
PLPS	GT11	113	116	115	113	119	114	62	66	63	65	63	61	62	64	66	65	66	66	62	65	65	90	115	115	110	61	62	65	135	137	137	137	138	137	116	66	65	65											

Daily MW Generation on Wednesday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300												
CEND	HY03	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	9	9	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9
HTRG	HY01	63	62	62	62	62	62	62	63	63	63	63	63	63	63	63	63	123	123	124	124	124	123	123	124	124	124	124	124	124	124	124	124	124	124	123	
HTRG	HY03	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
HTRG	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KNRG	HY01	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
KNRG	HY02	23	24	23	23	24	23	23	23	23	23	23	23	23	24	23	23	23	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
KNRG	HY03	21	22	22	21	23	21	22	21	21	22	21	21	22	21	23	22	21	22	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
KNYR	HY01	101	102	102	101	102	101	101	100	101	101	100	101	101	102	102	102	101	101	102	102	102	102	102	101	102	102	101	101	101	102	102	101	101	101	101	101
KNYR	HY02	0	0	0	0	-1	60	98	98	98	98	98	98	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
KNYR	HY03	102	102	102	102	102	102	101	101	101	101	101	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
KNYR	HY04	101	102	102	102	102	102	101	101	101	101	100	101	100	101	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
LPIA	HY01	18	18	18	18	18	18	18	18	18	18	18	16	17	17	19	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
LPIA	HY02	18	18	18	18	18	18	18	18	18	18	18	16	17	17	19	20	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY01	21	21	21	21	22	22	22	22	22	22	22	22	22	22	23	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	82	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	30	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	30	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	82	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	82	34	34	81	81	82	82	81	82	82	82	82	81	81	81	81	81	81	81	81	81	81
TMGR	HY02	87	36	36	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	86	34	34	86	86	87	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
TMGR	HY03	82	83	66	40	81	40	41	62	41	52	40	39	40	41	40	57	84	57	40	53	81	79	49	65	39	67	53	58	82	65	42	82	54	78	78	80
TMGR	HY04	0	0	0	0	0	0	31	1	1	1	1	1	1	1	1	0	82	82	82	82	81	82	82	82	82	81	81	81	81	82	82	82	82	82	81	82
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	93	-1	-1	94	94	93	90	86	-1	-1	-1	94	91	93	92	92	90	107	95	92	88	
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Total Hydro		970	842	824	759	803	819	729	718	699	711	696	697	699	700	697	744	751	1093	965	979	1265	1357	1329	1341	1401	1342	1327	1332	1468	1449	1543	1584	1555	1436	1285	1303
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	7	14	17	19	18	17	21	17	10	28	24	20	19	13	13	11	10	8	2	1
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	11	11	9	13	22	30	21	20	19	14	14	17	18	15	12	12	19	8	4	1
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	8	9	15	20	25	21	16	16	9	3	4	4	5	3	3	4	8	5	2	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	11	15	16	17	20	25	32	31	24	20	18	24	16	32	25	22	15	4	1
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	4	4	5	13	9	9	8	8	8	8	9	15	11	8	6	5	7	3	2
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	4	7	11	9	9	9	10	10	16	19	12	12	10	6	6	5	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	8	17	18	20	23	17	12	18	28	34	2	3	4	1	6	7	7	5	4	
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	7	16	8	14	22	13	22	26	27	20	14	4	6	7	1	3	5	5	4	
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	7	11	12	16	17	23	24	20	19	24	18	19	15	17	11	7	4	2	
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	10	15	22	35	47	52	87	66	19	11	11	12	12	9	7	9	19	21	11	6	0
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	9	10	12	17	20	17	23	32	37	4	13	4	8	8	6	7	5	12	12	5	
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	9	11	16	19	27	25	5	2	6	6	5	5	3	3	3	5	7	4	3
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	17	19	34	38	55	99	52	75	93	53	34	22	21	17	8	14	16	16	18	11	
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6	10	11	20	22	14	16	22	26	13	5	5	5	3	4	4	4	5	3	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	7	14	17	22	23	31	12	25	40	29	31	16	21	43	26	21	18	24	6	
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	31	21	35	36	47	36	32	30	35	40										

Daily MW Generation on Wednesday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																								
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	15	15	14	25	30	25	20	25	30	30	25	30	30	20	20	10	10	5	5	0	0	0	0	0	0	0	0	0	0					
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	10	15	16	11	9	14	15	17	25	36	46	46	32	33	18	16	17	8	10	3	1	0	0	0	0	0	0	0	0	0			
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	6	23	32	23	18	18	21	24	22	21	3	5	10	12	18	18	11	3	0	0	0	0	0	0	0	0	0	0	0			
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	5	3	11	6	10	11	12	12	18	16	15	15	19	14	15	14	9	2	0	0	0	0	0	0	0	0	0	0			
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	7	14	13	14	14	9	9	12	12	20	9	10	8	4	3	2	0	0	0	0	0	0	0	0	0	0			
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	4	65	137	173	267	335	432	499	467	513	509	437	425	329	346	371	346	261	294	286	233	122	54	9	0	0	0	0	0	0	0	0	0		
KHTC	BLK1	0	0	0	1	3	2	4	3	2	3	1	3	3	4	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PCUF	CUFG	7	8	8	7	8	7	7	7	8	8	7	8	7	6	8	6	7	8	6	9	6	7	6	7	7	7	7	7	7	7	7	5	7	6	6	6	7	6	6	7	8	7	6					
PCUF	CUFK	26	27	27	6	5	5	4	5	5	6	5	4	4	5	4	5	5	5	3	4	4	5	3	4	4	5	5	11	17	28	26	26	26	26	26	26	26	26	26	26	26	26	27	27				
Total Co-Gen		33	35	35	14	16	14	15	15	15	17	13	15	14	15	16	13	14	12	13	9	13	10	12	9	11	11	12	12	18	24	35	33	33	33	34	33	31	33	32	32	32	33	32	32	34	34	34	33
Total Gen		15513	15043	14615	14532	14204	14010	13700	13614	13387	13404	13226	13161	13224	13299	13269	13470	13768	14874	15427	15814	16250	16408	16540	16525	16344	16093	16038	16352	16622	16880	17010	17057	17070	17127	16724	16307	15901	15721	15866	16667	16704	16621	16443	16287	15988	15853	15634	15490
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
TIE-HVDC		-31	-29	-29	-29	-28	-29	-28	-30	-30	-30	-29	-30	-31	-28	-28	-96	-96	-97	-98	-98	-98	-97	-99	-98	-98	-97	-98	-97	-98	-97	-98	-99	-98	-98	-96	-99	-98	-97	-97	-96	-29	-30	-28					
TIE-PLTG		38	-27	15	3	-15	48	16	53	20	33	48	22	38	35	27	9	-2	81	96	98	86	110	108	44	84	17	64	97	89	111	142	60	86	51	89	76	102	106	96	109	53	92	100	63	93	20	35	24
Interconnection		7	-56	-13	-25	-43	20	-13	25	-8	3	18	-8	9	4	-4	-19	-30	-16	0	1	-12	12	9	-53	-16	-81	-33	0	-9	14	45	-36	-13	-47	-8	-22	3	8	-1	10	-45	-5	3	-34	-3	-8	4	-4
System Total		15506	15099	14628	14557	14247	13990	13713	13589	13395	13401	13208	13169	13215	13295	13273	13489	13798	14890	15427	15813	16262	16396	16531	16578	16360	16174	16071	16352	16631	16866	16965	17093	17083	17174	16732	16329	15898	15713	15867	16657	16749	16626	16440	16321	15991	15861	15630	15494
SRev ST-Coal		316	455	530	542	765	767	777	731	760	784	755	801	870	896	870	901	870	723	538	389	373	393	391	390	400	375	342	326	344	353	344	350	340	345	336	331	349	329	371	334	339	326	336	334	257	271	276	268
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		1015	938	954	973	784	788	1032	1194	1208	1111	1307	1332	1251	1152	1198	1083	1058	1216	1236	1056	998	1024	930	931	1209	1422	1379	1073	833	569	580	545	519	461	714	1008	1159	1292	1107	525	257	373	608	782	1204	685	841	994
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	44	44	44	44	44	44	44	7	9	44	44	44	44	44	44	9	-7	-7	-7	-6	39	44
SRev LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Syncon		338	426	426	426	615	514	514	514	514	514	514	514	426	514	514	363	514	151	187	187	0	0	0	0	0	187	187	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151	
Hydro		329	369	387	365	319	404	375	306	325	313	328	327	326	324	327	431	273	405	497	483	384	292	320	308	398	270	285	280	331	350	331	290	319	438	439	421	419	424	448	398	84	230	294	399	320	379	390	326
S.Reserve Total		1998	2188	2297	2393	2483	2473	2698	2745	2807	2722	2904	2974	2960	2886	2909	2778	2715	2495	2458	2115	1755	1709	1641	1629	2007	2254	2238	1910	1552	1316	1299	1229	1222	1251	1498	1804	1971	2089	1970	1301	724	938	1231	1508	1774	1329	1546	1783