

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,355 MW
Distillate	0 MW
Total TNB	2,355 MW
Total IPP	17,247 MW
Total Co-Gen	0 MW
Total System	23,604 MW

Generation Mix

Type	MWh	Percentage
Hydro	25,161	6.26 %
Gas	57,188	14.23 %
Total TNB	82,349	20.49 %
ST-Coal	222,845	55.45 %
LSS	5,602	1.39 %
Gas	92,813	23.09 %
Total IPP	321,260	79.94 %
Co-Gen	-575	-0.14 %
Total Co-Gen	-575	-0.14 %
Total Generation	403,034	100.29 %
PLTG	429	0.11 %
EGAT	5	0.00 %
HVDC	722	0.18 %
Interconnection	1,156	0.29 %
Net Energy	401,878	100.00 %

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	20,037 MW
TNB Generation	4,734 MW
IPP Generation	14,058 MW
Spinning Reserve	1,269 MW
Maximum Demand	18,727 MW
Net Energy	401,878 MWH
Load Factor	89.42 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	734
Hydro	298
Syncon	404
Thermal	163
Total	1,599

Gas Usage

Station	(mmscfd)
GLGR	38
SRDG	5
TJGS	137
Total TNB	179
CBPS	44
EMPP	261
NPRI	138
PCGP	84
PLPS	68
SKSP	19
SPGP	202
Total IPP	815
Total Gas	994

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Total Gas Required 994

Time Weather Temperature

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	16861	16027	15436	14917	14464	14241	14394	14248	14559	16318	17142	17694	17650	17316	17981	18523	18727	18321	17292	17144	18278	18342	17977	17580

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, July 27, 2023 7:59:58 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	696	697	694	697	695	695	694	696	696	696	697	697	694	696	694	696	696	697	694	696	696	693	697	695	695	696	697	695	695	696	694	696	695	696	694	696	695	698	693	695	695	696	695	697	695	698	693	695	695
JMAH	U002	698	697	695	692	696	694	695	696	694	695	692	692	699	692	693	691	697	696	696	696	694	694	698	699	693	695	695	699	696	695	693	689	694	696	693	691	698	695	695	692	696	695	698	695	695	695	699	693	695
JMHE	U001	978	985	984	982	983	982	981	897	901	900	901	902	901	898	899	902	901	962	973	974	973	970	975	972	969	976	968	967	969	968	970	975	969	969	968	975	974	974	974	973	977	975	972	973	971	974	972	973	978
JMHE	U002	698	702	702	699	701	699	698	702	701	703	699	701	701	699	696	703	702	699	697	699	699	699	702	700	699	699	701	697	699	699	711	750	864	945	982	959	901	900	899	900	901	900	899	896	900	899	899	903	
JMJG	U001	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	
JMJG	U003	668	665	674	674	666	626	529	414	393	376	383	378	369	369	370	371	369	369	369	371	367	371	376	449	546	600	600	600	600	600	600	593	603	618	669	676	679	671	668	666	675	663	670	668	673	671	667	669	
JMJG	U004	983	979	983	983	985	985	982	943	908	906	903	906	906	900	905	908	906	947	982	982	983	978	986	983	980	980	980	980	980	980	980	980	980	983	982	983	982	983	981	983	985	985	981	985	979	983	982	982	979
JMJG	U005	979	987	982	981	979	980	983	898	896	903	899	898	901	897	897	900	902	964	978	982	983	978	985	981	985	985	985	985	985	985	985	985	964	979	983	979	996	1005	1000	1002	1005	1004	986	974	972	975	982	977	975
PKLG	U003	279	279	280	279	282	279	280	279	281	279	279	286	284	280	279	280	280	279	279	279	278	280	278	279	279	277	279	280	279	277	279	277	278	279	278	279	278	279	280	280	279	276	279	279	279	278	278		
PKLG	U004	276	275	275	275	273	273	273	275	276	272	273	278	279	277	276	278	279	276	278	279	278	280	274	270	277	276	274	279	278	275	279	278	275	278	276	279	278	275	273	272	274	275	272	277	279	280	279		
PKLG	U005	466	465	466	470	466	467	468	466	465	467	470	467	464	466	467	470	467	467	467	466	465	469	467	465	468	470	468	466	467	470	464	464	464	467	473	470	468	466	461	464	468	466	467	468	471	468	466	467	463
TBIN	U001	691	692	685	690	691	692	690	690	690	689	689	691	691	692	692	690	688	687	691	689	690	694	691	689	685	689	689	689	686	690	691	691	688	691	690	688	690	690	696	692	689	689	689	695	692	686	690	689	
TBIN	U002	689	695	689	688	691	692	691	691	693	691	692	687	690	690	689	688	690	691	692	691	689	689	692	692	691	690	693	689	691	691	685	688	688	690	687	687	687	689	689	691	687	689	686	690	687	685	687	685	
TBIN	U003	686	690	689	688	690	691	689	689	688	688	688	688	689	690	689	690	688	687	687	688	689	690	689	686	688	688	689	688	688	688	688	688	687	687	689	688	690	689	688	688	689	689	688	688	688	688	689	688	
TBIN	U004	984	982	983	936	903	903	904	904	903	904	901	903	905	901	902	903	903	949	986	984	982	981	985	981	985	982	981	983	983	982	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total ST-Coal		9771	9790	9781	9734	9701	9658	9557	9240	9185	9169	9166	9174	9173	9147	9148	9168	9167	9373	9465	9474	9466	9458	9497	9544	9641	9699	9704	9803	9807	9691	8707	8737	8882	8977	9065	9066	9020	9001	9006	9016	9014	8984	8977	8971	8989	8981	8978	8976	
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	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CBPS	BLK2	359	268	264	220	221	222	221	221	221	221	221	221	221	221	220	221	220	221	221	221	221	221	321	221	221	221	221	222	230	295	353	359	358	357	316	222	221	222	351	359	359	360	359	359	358	359			
EMPP	BLK1	679	728	704	709	642	542	444	539	413	465	399	408	408	405	416	411	418	408	457	687	710	691	705	726	688	602	410	406	473	706	702	709	692	699	732	747	743	743	740	711	710	709	710	702	711	712	709	697	
EMPP	BLK2	0	0	81	203	203	141	204	206	206	248	375	450	450	499	648	756	749	751	623	374	371	451	594	207	740	598	409	406	471	708	704	709	691	699	708	697	710	708	712	711	709	709	710	697	711	712	709	698	
EMPP	BLK3	681	729	706	707	644	546	446	544	412	464	399	408	408	404	417	412	418	410	465	689	709	692	711	725	691	605	410	405	468	708	700	709	695	700	708	697	709	708	711	712	710	709	710	700	711	708	696		
GLGR	GT01	49	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	32	65	94	82	67	65	66	66	92	108	107	107	106	107	101	702	65	
GLGR	GT02	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	93	94	94	94	93	94	94	100	100	100	95	81	65	65	66	65	92	106	105	106	106	106	106	91	66		
GLGR	ST1C	75	39	40	40	41	41	40	42	40	41	41	42	41	41	41	41	41	41	41	41	41	41	41	41	41	41	42	42	41	41	43	42	42	77	85	71	71	71	71	82	97	97	97	97	97	97	90	72	
NPRI	BLK1	509	526	451	332	328	331	332	330	332	333	319	323	325	325	329	327	332	329	332	365	475	454	389	515	341	340	521	519	523	522	522	523	523	506	515	520	425	332	380	523	520	521	521	520	518	522	520	521	
NPRI	BLK2	509	530	446	328	323	326	327	327	332	326	314	319	322	318	327	319	328	324	335	341	377	402	338	516	353	333	524	520	528	524	524	526	525	506	515	519	415	326	383	508	524	520	517	508	509	520	520	520	
PCGP	PGRG	577	631	605	601	591	602	601	500	604	402	391	391	392	389	398	393	402	494	603	595	603	592	603	634	585	601	603	588	614	600	600	603	603	573	593	599	602	602	608	604	610	603	601	600	603	604	600	603	
PLPS	GT11	125	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	148	143	139	113	115	115	115	137	141	138	137	138	136	138	117	115	
PLPS	GT12	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	69	121	119	149	150	148	145	116	119	120	120	119	140	144	143	141	141	140	120	47
PLPS	GT13	123	122	124	124	125	124	124	125	126	125	125	124	124	123	125	125	125	125	125	125	125	124	125	125	124	110	105	105	107	111	108	141	139	144	140	109	112	112	112	112	132	136	135	132	134	133	133	113	110
PLPS	ST18	168	92	59	58	58	57	57	57	57	57	57	57	57	57																																			

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					
BSIA	HY03	21	12	12	12	11	12	12	12	12	0	0	0	0	0	0	0	0	22	22	22	22	22	22	23	22	22	22	23	22	22	23	22	22	23	22	23	23	23	23	23	23	23	23	23	23	23	23	23				
CEND	HY01	8	9	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9				
CEND	HY02	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9				
CEND	HY03	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9				
CEND	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	7	7	7	7	7	7	7	7	7	7	7	7				
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	68	110	125	125	124	124	125	124	125	124	123	123	124	125	125	124	125	124	124	124	124	124	124	124	125	124	124	124	125	124	124	124	125	124	
HTRG	HY02	69	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	123	123	123	124	123	124	124	123	123	124	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	122	
HTRG	HY03	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
HTRG	HY04	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
KNRG	HY01	36	23	23	23	22	23	23	23	23	0	0	0	0	0	0	0	0	23	23	23	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	
KNRG	HY02	37	24	23	23	21	21	22	21	21	0	0	0	0	0	0	0	0	23	23	23	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	
KNRG	HY03	38	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	38	38	38	38	37	38	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
KNYR	HY01	97	102	101	102	100	101	101	101	101	100	97	97	96	98	99	57	100	97	102	101	100	100	99	102	99	100	101	101	101	100	100	100	99	97	92	100	101	99	101	99	101	99	102	101	101	100	99	101	99	99	99	99
KNYR	HY02	97	98	98	98	98	98	98	98	98	97	96	96	97	98	58	99	97	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	97	93	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
KNYR	HY03	92	94	92	91	91	90	90	89	89	89	89	90	90	91	92	92	93	91	92	91	90	90	89	89	88	88	89	90	91	92	92	92	92	92	91	89	90	90	89	89	88	89	90	90	91	91	92	92	92	92		
KNYR	HY04	98	104	103	102	100	101	101	101	101	101	97	97	97	98	99	99	100	97	102	101	101	101	99	104	99	100	101	101	101	101	102	102	102	100	98	102	103	102	103	102	104	103	104	103	104	103	102	104	101	101		
LPJA	HY01	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	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	3	3	3	3	3	3	3	3	3	3	3	3	3			
PGAU	HY01	19	24	21	21	21	21	21	21	21	20	21	21	18	25	22	23	23	24	25	25	25	25	68	22	22	22	22	22	22	151	151	111	109	22	22	22	22	22	22	22	82	81	82	82	21	22	22	22	22			
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	12	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	141	141	114	111	-1	-1	-1	-1	-1	-1	-1	20	21	21	21	-1	-1	-1	-1	-1			
PGAU	HY04	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	147	147	148	107	23	22	23	23	23	23	22	22	82	81	81	22	0	0	0	0	0		
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	50	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SIHY	HY02	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	50	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY03	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	50	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	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	25	17	17	25	25	0	0	0	0	0	0	25	25	25	25	25	0	0	0	0			
SYPS	HY03	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	25	17	17	25	25	0	0	0	0	0	0	25	25	25	25	25	0	0	0	0			
SYPS	HY04	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	25	17	17	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	82	82	82	82	81	81	81	81	80	80	80	80	80	79	80	80	32	32	32	80	80	80	80	80	80	0	0	0	0				
TMGR	HY02	84	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	84	84	84	84	86	84	84	84	84	85	84	85	85	84	81	84	84	84	84	85	85	84	84	84	84	84	84	84	84	84	84	54		
TMGR	HY03	78	81	31	31	31	31	31	31	31	29	30	31	30	31	31	31	31	81	80	81	80	80	80	79	79	80	79	80	80	80	79	80	77	80	80	80	80	80	80	80	80	79	79	80	80	80	80	80	80	0		
TMGR	HY04	39	84	43	42	41	41	41	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	82	83	82	82	83	82	43	49	51	40	83	51	43	67	48	39	42	43	83	47	83	54	80	78	73	43	41	83	43	41	41				
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	93	92	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1				
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	95	94	94	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1				
Total Hydro		899	747	646	646	637	640	641	597	597	552	526	528	529	541	457	567	693	1170	1227	1225	1224	1241	1273	1174	1181	1187	1175	1220	1187	2015	1953	1773	1635	1259	1202	1197	1157	1197	1212	1371	1429	1426	1396	1250	1146	1102	987					
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	0	0	0	0	0	0	0	0	0	0						

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																									
KNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	9	26	40	51	63	75	70	89	64	41	25	100	100	99	96	37	34	13	8	5	3	3	2	0	0	0	0	0	0	0	0	0				
MALS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	6	24	23	20	29	12	15	26	29	29	29	27	9	6	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	9	9	13	36	37	43	42	45	43	36	14	44	5	10	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0		
MNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	30	12	42	34	83	86	80	87	60	64	92	88	66	25	19	0	0	1	2	3	3	0	0	0	0	0	0	0	0	0	0	0		
PKLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	17	32	47	47	35	95	83	72	72	66	104	106	104	89	33	56	54	18	45	45	24	14	4	0	0	0	0	0	0	0	0	0	0	0	0	
SNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	14	24	30	33	33	42	50	18	34	15	37	50	6	12	9	4	3	2	2	1	0	0	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	5	11	17	14	33	27	40	46	47	41	33	30	25	21	45	44	16	34	28	20	12	6	1	0	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	2	9	14	20	25	27	22	20	14	19	19	39	39	13	19	30	29	13	6	4	2	1	0	0	0	0	0	0	0	0	0	0	0		
STLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	14	12	9	13	11	29	26	19	29	8	12	28	22	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
TBLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	14	16	24	12	11	30	30	15	30	30	29	9	30	20	7	21	25	17	10	5	1	0	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	8	86	228	305	488	528	711	781	748	702	699	794	920	866	820	681	490	420	284	261	205	120	56	16	0	0	0	0	0	0	0	0	0	0	0	0
ESTL	ESTL	0	0	0	-13	-5	-7	0	0	0	0	0	0	0	6	0	0	0	2	0	2	2	0	2	0	0	0	0	0	8	1	2	4	4	10	2	2	1	8	5	3	8	12	0	0	0	6			
KHTC	BLK1	-43	-42	-40	-41	-41	-37	-42	-39	-38	-38	-39	-36	-36	-37	-37	-40	-42	-50	-55	-55	-58	-57	-62	-59	-64	-64	-67	-66	-57	-55	-52	-49	-50	-52	-52	-55	-52	-50	-49	-51	-85	-85	-86	-80	-79	-80			
PCUF	CUFG	15	16	16	16	16	15	14	17	14	15	15	15	16	15	16	17	16	15	8	7	8	8	9	9	8	9	15	15	14	14	15	15	15	16	15	16	17	16	16	15	16	16	17	16	17	15			
PCUF	CUFK	10	10	10	10	10	11	12	11	11	11	10	9	10	10	9	9	11	10	8	6	6	6	8	4	4	4	2	3	3	3	4	3	5	5	11	12	13	12	13	14	12	14	13	13	12	13	13		
PFTZ	PFTZ	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	4	5	5	4	5	4	4	4	4	4	4	4	4	4	4	4			
Total Co-Gen		-14	-12	-10	-24	-16	-14	-11	-10	-6	-9	-10	-8	-7	-6	-9	-2	-8	-12	-23	-35	-37	-37	-36	-40	-39	-47	-47	-46	-44	-36	-26	-28	-24	-21	-23	-12	-20	-18	-17	-7	-10	-16	-44	-40	-53	-48	-45	-42	
Total Gen		16922	16447	16046	15762	15476	15203	14967	14704	14507	14377	14298	14317	14434	14597	14271	14235	14573	15617	16360	16825	17216	17511	17704	17860	17734	17482	17379	17676	17987	18484	18574	18688	18768	18729	18382	17855	17379	17074	17199	17967	18326	18455	18413	18350	18034	17877	17623	17280	
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	0	0		
TIE-HVDC		29	31	31	29	31	29	31	31	31	31	29	31	29	31	29	31	30	32	32	30	30	29	29	30	30	30	30	30	30	31	30	30	29	29	30	30	31	31	29	29	31	31	31	31	28				
TIE-PLTG		32	-6	-12	-5	9	28	19	28	12	22	28	17	11	20	-6	10	-15	25	12	28	42	11	-20	-17	55	43	33	0	-24	10	20	21	10	53	31	30	57	39	25	-9	17	25	41	41	25	33	12	-1	
Interconnection		61	25	19	24	40	57	50	59	43	53	57	48	40	51	23	41	14	56	42	60	74	41	10	12	84	73	63	30	6	40	51	51	41	83	61	59	87	69	55	22	48	54	71	72	57	64	43	28	
System Total		16861	16422	16027	15738	15436	15146	14917	14645	14464	14324	14241	14269	14394	14546	14248	14194	14559	15561	16318	16765	17142	17470	17694	17848	17650	17409	17316	17646	17981	18444	18523	18637	18727	18646	18321	17796	17292	17005	17144	17945	18278	18401	18342	18278	17977	17813	17580	17252	
SRev ST-Coal		171	152	161	208	241	284	295	427	462	470	469	453	456	471	466	453	452	249	157	148	156	164	125	158	211	153	148	159	155	161	165	215	170	175	177	176	122	141	136	126	128	158	165	171	153	161	164	166	
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	0	
SRev CCGT-Gas		580	593	1151	1374	1276	1511	1650	1553	1699	1765	1814	2249	2242	2215	2560	2547	2390	1816	1708	1333	970	849	783	709	895	1201	1410	1539	1245	541	518	394	540	460	619	1045	1377	1561	1442	693	488	381	385	416	591	641	851	1080	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	0	
SRev Co-Gen		0	-2	0	-1	0	0	0	-2	0	-2	0	-1	-1	-1	0	-3	-2	-2	-1	-1	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		651	777	777	777	777	777	777	865	865	714	865	865	865	865	865	865	739	525	525	525	525	374	525	525	525	525	525	525	525	525	0	0	187	374	525	525	525	525	525	525	374	374	374	374	525	525	525	525	
Hydro		314	253	354	354	363	360	359	315	315	383	258	256	256	255	243	327	257	345	256	199	201	202	336	153	252	245	239	251	206	239	311	373	366	317	392	374	379	419	379	364	406	348	351	381	376	193	237	265	
S.Reserve Total		1803	1860	2530	2799	2744	3019	3168	3245	3428	3417	3493	3909	3905	3892	4221	4276	4049	3234	2645	2204	1852	1739	1617	1545	1883	2124	2321	2474	2130	1465	1111	989	1269	1327	1712	2119	2403	2646	2481	1709</									