

Daily System Generation Summary on Saturday

Saturday, May 13, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,275 MW
Distillate	0 MW
Total TNB	2,275 MW
Total IPP	18,456 MW
Total Co-Gen	0 MW
Total System	21,858 MW

Generation Mix

Type	MWh	Percentage
Hydro	17,706	4.54 %
Gas	19,051	4.89 %
Total TNB	36,757	9.43 %
ST-Coal	253,749	65.10 %
ST-Gas	1,103	0.28 %
ST-Oil	3,374	0.87 %
LSS	7,476	1.92 %
Distillate	739	0.19 %
Gas	87,296	22.39 %
Total IPP	353,737	90.75 %
Co-Gen	145	0.04 %
Total Co-Gen	145	0.04 %
Total Generation	390,639	100.21 %
PLTG	24	0.01 %
HVDC	804	0.21 %
Interconnection	828	0.21 %
Net Energy	389,811	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:	21:00:00 Hour
Total Set On Bus	19,100 MW
TNB Generation	2,249 MW
IPP Generation	15,639 MW
Spinning Reserve	1,212 MW
Maximum Demand	17,845 MW
Net Energy	389,811 MWH
Load Factor	91.02 %

Fuel Cost

Total Cost:	100,582,435.05 RM
Cost per Unit	25.69 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	993
Hydro	478
Syncon	678
Thermal	200
Total	2,349

Time	Weather	Temperature
Afternoon	Hot	36
Morning	Sunny	33

Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	2
Total TNB	33
CBPS	43
EMPP	264
KLPP	57
NPRI	127
PCGP	81
PLPS	3
SGRI	2
SPGP	94
PKLG	11
Total IPP	683
Total Gas	715
Total Gas Required	755

Alternate Fuel Usage

Station	(mmscfd)
KLPP	5
SGRI	2
PKLG	33
Total	40

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	17397	16712	16165	15622	15091	14671	14533	14162	13665	14802	15677	16330	16595	16290	16788	17179	17316	17132	16597	16692	17833	17845	17480	17318

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, June 2, 2023 3:34:06 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Saturday

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	699	704	707	705	704	706	706	703	706	703	705	705	702	706	704	626	502	683	707	705	704	704	704	704	706	704	706	705	706	705	706	707	703	705	707	707	706	706	706											
JMAH	U002	701	704	708	707	705	705	708	703	713	700	708	707	702	705	704	471	509	695	710	708	704	700	706	706	703	709	707	703	702	703	704	706	704	707	702	706	705	706	705	707	705	703	702	708	706	703	703	704		
JMHE	U002	973	976	977	980	974	975	978	976	900	902	899	898	899	900	901	905	904	900	935	951	960	972	976	976	974	979	975	975	974	974	972	969	973	975	980	973	974	970	973	974	978	973	974	974	970	973	972	977		
JMJG	U001	680	679	679	673	679	682	674	678	674	679	680	678	679	679	673	678	677	677	679	677	679	674	679	675	677	678	679	676	679	677	674	677	675	675	680	682	671	681	667	670	671	676	672	672	669	672	673	671		
JMJG	U002	677	673	680	673	674	673	673	673	676	672	677	669	680	678	678	675	677	671	674	674	672	672	674	593	604	604	601	601	651	678	678	679	679	680	680	679	687	668	674	677	668	674	673	677	673	676	676	673		
JMJG	U003	680	666	645	648	590	598	599	597	603	592	601	596	593	596	598	602	593	598	607	599	590	595	596	596	596	598	601	596	597	599	599	598	617	643	678	678	677	676	671	670	672	671	670	673	673	671	671	671		
JMJG	U004	647	684	744	797	852	900	958	983	965	913	909	913	911	908	908	913	910	910	943	981	980	974	976	974	974	977	977	973	972	972	972	973	973	974	972	971	972	977	977	973	981	976	978	978	976	977	977	976		
JMJG	U005	972	973	972	977	972	971	972	975	935	897	900	900	901	901	900	898	900	900	983	982	981	980	981	978	981	980	975	978	982	982	979	982	979	976	973	974	975	972	977	973	976	977	974	977	972	976	978			
PKLG	U003	273	273	273	272	272	274	274	274	275	275	275	275	277	275	241	165	154	148	150	233	275	281	279	277	277	275	276	278	274	277	276	276	274	275	275	275	276	276	274	275	274	274	275	275	276	277				
PKLG	U004	277	275	273	273	275	273	270	267	269	271	273	274	273	272	254	203	156	154	155	148	216	266	277	272	283	273	272	272	273	271	276	279	277	273	276	274	273	274	271	274	271	270	274	273	271	274	274	275	276	277
PKLG	U005	468	465	473	470	464	462	466	467	463	464	463	466	464	466	435	347	276	268	269	269	272	335	418	468	468	464	466	454	467	468	469	467	466	467	466	468	468	468	467	466	474	468	457	471	466	473	463	465		
PKLG	U006	434	438	447	445	449	449	449	449	450	446	449	448	449	449	445	374	275	316	398	442	449	448	445	446	447	417	347	297	267	269	269	269	269	269	269	268	268	269	239	236	229	207	187	172	169	168	170	170		
TBIN	U001	695	697	696	699	697	692	695	696	699	699	695	694	696	698	683	631	672	703	695	699	700	701	696	697	697	680	697	697	698	696	697	696	694	697	699	698	695	699	697	699	696	699	699	697	697	695	695	697		
TBIN	U002	701	698	702	698	698	697	697	700	698	698	698	700	701	698	705	605	642	699	699	698	700	694	699	696	700	698	696	699	697	699	700	696	699	695	700	695	699	701	700	701	695	700	699	699	698	698	697	700		
TBIN	U003	697	693	696	696	694	695	697	696	694	695	695	695	697	696	692	695	595	657	707	691	694	694	694	695	694	694	694	694	695	693	695	694	693	694	696	694	695	695	695	695	694	697	690	694						
TBIN	U004	983	983	983	983	982	983	983	983	960	904	903	904	902	902	904	903	903	904	956	984	982	982	984	986	982	983	985	982	982	983	983	986	982	983	982	984	983	983	984	983	984	983	983	981	983	984	984	984		
Total ST-Coal		10557	10581	10655	10696	10681	10735	10799	10820	10680	10510	10530	10524	10525	10525	10428	9591	9407	9933	10251	10444	10558	10672	10785	10738	10763	10713	10651	10583	10613	10648	10649	10650	10658	10691	10732	10726	10721	10718	10680	10677	10676	10646	10619	10627	10602	10613	10603	10618		
PKLG	U001	208	208	208	208	208	208	208	209	208	209	208	208	209	209	209	208	208	208	208	208	208	208	209	209	208	208	208	208	208	208	208	147	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total ST-Oil		208	208	208	208	208	208	208	209	208	209	208	208	209	208	209	209	208	208	208	208	208	208	208	208	209	209	208	208	208	208	208	147	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PKLG	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	150	146	147	147	147	147	147	147	147	147	147	147	147	147				
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	150	146	147	147	147	147	147	147	147	147	147	147	147	147			
CBPS	BLK2	229	221	221	221	220	220	222	221	220	222	221	221	221	219	220	221	222	221	221	221	221	221	221	221	222	221	222	221	222	220	221	283	355	353	350	357	341	357	308	353	360	296	306	350	324	348				
EMPP	BLK1	686	713	712	567	582	491	419	415	427	411	411	410	410	405	385	410	412	412	408	428	465	514	507	426	409	414	416	424	430	716	710	713	713	726	716	710	710	709	720	724	727	712	727	714	706	709	712	714		
EMPP	BLK2	685	712	711	563	584	490	547	466	428	416	416	416	415	405	385	409	409	412	407	427	462	503	495	413	409	414	415	665	714	716	709	714	713	725	715	709	708	708	720	724	727	712	727	714	708	709	712	713		
EMPP	BLK3	685	713	711	695	712	709	547	466	423	412	411	411	410	405	384	409	409	412	408	429	467	510	505	594	579	512	529	711	713	716	710	713	713	722	715	709	708	708	720	725	722	713	726	715	708	709	710	714		
GLGR	GT01	94	95	94	95	95	94	95	94	94	95	95	94	94	94	93	95	95	95	93	95	94	95	94	95	94	94	95	94	95	95	94	95	93	95	105	106	106	107	107	107	108	108	108	108	108	109	109	108		
GLGR	ST1C	42	42	42	42	43	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	41	41	41	41	46	45	46	48	48	47	47	48	48	48	48	48	48	48			
KLPP	GT13	136	137	138	138	138	137	137	136	136	138	138	140	139	140	140	139	137	137	136	137	136	137	114	110	110	110	111	113	114	114	110	115	116	114	137	136	137	139	139	139	139	140	139	138	139	139	140			
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	114	152	154	157	158	158	158	158	156	157	157	69	0				
KLPP	GT15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	149	149	149	150	149	148	148	150	150	151			
KLPP	ST17	179	137	136	136	136	99	66	66	66	66	66	67	66	66	66	66	66	66	66	66	66	66	60	60	60	61	60	60	60	61	60	61	62	62	66	126	141	135	211	211	211	212	211	211	210	196				

Daily MW Generation on Saturday

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	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																								
BSIA	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																								
CEND	HY01	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	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	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	0	0	0	0	0	0	0																								
HTRG	HY01	69	68	68	68	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	68	68	68																								
HTRG	HY02	69	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	69	69	-1	-1	-1	-1	-1																								
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																								
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																								
KNRG	HY03	40	40	40	40	40	40	40	40	40	39	40	40	40	40	40	40	40	40	40	40	40	40	40	40																								
KNYR	HY01	92	99	99	95	99	90	62	62	62	62	61	60	61	60	57	58	99	99	97	99	99	99	99	94																								
KNYR	HY02	99	100	100	97	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99	99																								
KNYR	HY03	95	96	95	92	94	93	93	92	92	92	93	94	94	91	92	95	95	91	91	91	91	90	90	96																								
LPIA	HY01	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11																								
LPIA	HY02	14	14	15	15	14	14	14	14	14	14	14	14	14	14	14	15	14	14	14	14	15	14	14	14																								
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																								
PGAU	HY01	21	21	22	21	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	-1																								
PGAU	HY02	20	21	22	21	22	21	21	21	21	21	21	21	17	25	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																								
PGAU	HY03	0	0	0	0	0	21	21	21	21	21	21	21	21	21	21	21	21	21	21	25	21	21	22																									
PGAU	HY04	21	21	21	21	22	21	21	21	21	21	21	21	21	21	20	-1	-1	-1	19	21	21	21	23																									
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30	30	30	30																								
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																								
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																								
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	17	17																								
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	17	17																								
TMGR	HY01	42	44	44	44	44	43	45	44	44	44	43	43	51	45	54	77	44	45	44	62	45	43	50	86																								
TMGR	HY02	43	45	45	45	45	46	46	45	45	45	46	44	39	46	47	48	45	50	48	58	47	47	46	46																								
TMGR	HY03	0	0	0	0	0	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32																								
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																								
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																								
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4																								
UPIA	HY02	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3																								
Total Hydro		700	643	645	633	644	602	577	576	575	575	573	575	578	572	530	577	596	668	674	677	669	677	675	621	618	630	641	642	682	632	630	658	718	886	723	517	517	411	425	995	1385	1385	1383	1366	1173	1141	1121	1121
KLPP	GT14	40	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	GT15	134	136	136	135	135	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
SGRI	GT13	33	106	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
Total Distillate		207	242	241	135	135	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	1	4	6	11	14	17	19	21	23	23	25	25	20	25	25	16	18	22	17	15	12	9	6	2	0	0	0	0	0	0	0	0		
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	9	12	16	19	22	24	26	18	27	27	26	25	24	21	17	14	11	7	4	1	0	0	0	0	0	0	0	0	0			
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	11	16	20	24	21	26	30	31	24	13	32	30	28	27	24	3	17	12	8	4	0	0	0	0	0	0	0	0	0	0		
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	16	22	25	31	27	40	13	23	17	10	38	39	11	9	18	12	6	4	1	0	0	0	0	0	0	0	0	0	0		
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	11	18	23	26	33	37	36	41	41	41	41	41	41	41	41	41	41	41	41	41	10	0	0	0	0	0	0	0	0			
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	12	12	19	15	23	28	27	27	29	30	28	27	25	22	20	17	14	10	6	3	0	0	0	0	0	0	0	0	0		
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	15	21	26	32	35	40	41	41	42	45	10	38	20	38	33	27	22	16	9	4	1	0	0	0	0	0	0	0	0		
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	13	18	22	26	27	14	31	23	18	23	21	26	28	28	25	20	15	11	7	3	1	0	0	0	0	0	0	0	0		
JLSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	12	19	25	31	35	39	43	41	51	34	20	20	47	40	33	31	27	21	14	7	3	0	0	0	0	0	0	0	0	0		

Daily MW Generation on Saturday

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																											
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	8	17	35	46	57	67	68	87	81	83	86	60	90	84	81	75	62	6	46	33	20	9	0	0	0	0	0	0	0	0	0	0	0	0				
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	9	15	21	26	30	26	35	35	25	36	32	43	42	37	34	31	9	8	17	10	5	2	1	0	0	0	0	0	0	0	0	0	0			
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	9	13	18	17	26	22	29	29	27	29	26	30	28	10	3	2	3	12	8	4	1	0	0	0	0	0	0	0	0	0	0	0	0		
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	14	29	44	59	69	82	78	82	28	100	84	88	81	100	89	81	71	62	47	34	20	9	2	0	0	0	0	0	0	0	0	0	0	0	0		
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	13	18	22	26	28	30	26	30	29	15	30	27	30	28	25	21	17	13	9	4	1	0	0	0	0	0	0	0	0	0	0	0			
MALS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	18	27	29	30	30	30	30	30	30	30	30	26	30	30	30	30	29	28	12	14	5	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	2	6	13	20	26	31	27	42	41	45	47	47	44	46	44	41	38	32	27	21	14	8	3	0	0	0	0	0	0	0	0	0	0	0	0			
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	15	45	71	80	85	88	74	95	93	94	94	95	96	97	96	95	93	91	87	82	74	45	20	1	0	0	0	0	0	0	0	0	0	0	0			
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	14	34	50	55	70	99	99	102	107	111	111	111	113	110	103	98	82	72	57	42	21	11	6	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	2	8	15	23	28	35	40	32	25	18	45	50	36	52	47	42	37	32	26	26	13	4	2	1	0	0	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	3	12	17	22	28	32	37	39	41	32	42	15	34	39	35	35	29	24	18	12	7	4	1	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	3	6	10	13	16	19	22	19	22	19	25	23	14	22	21	19	16	13	10	7	4	2	0	0	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	2	7	13	20	24	29	30	30	30	30	30	30	30	30	30	30	30	24	24	18	12	8	2	0	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	43	164	327	487	602	721	807	865	909	859	955	949	838	924	1000	896	848	763	583	546	426	273	148	30	2	0	0	0	0	0	0	0	0	0	0	0	0	
ESTL	ESTL	10	7	4	19	16	22	19	21	10	22	13	12	24	21	24	21	20	10	15	12	4	14	6	14	12	0	16	12	11	11	16	14	16	16	16	17	16	15	6	0	10	5	4	8	17	13	13	15			
KHTC	BLK1	-22	-20	-19	-18	-18	-19	-18	-15	-15	-13	-15	-14	-13	-12	-15	-18	-20	-23	-26	-27	-31	-30	-30	-30	-29	-35	-33	-35	-32	-34	-37	-39	-41	-42	-40	-39	-36	-34	-34	-32	-33	-29	-30	-28	-24						
PCUF	CUFG	4	4	4	4	4	1	4	3	3	4	4	3	3	3	4	4	4	3	3	3	3	4	4	3	3	3	3	3	4	4	2	4	3	4	2	4	3	4	2	3	3	5	3	3	4						
PCUF	CUFK	25	27	28	27	26	25	26	26	27	27	26	2	1	2	3	2	3	2	1	3	3	3	3	5	24	27	27	27	26	27	26	25	17	2	3	2	1	3	25	26	26	25	27	26	1	4	3				
Total Co-Gen		17	18	17	32	28	29	31	35	25	38	30	2	14	13	17	14	12	-2	0	-5	-16	-7	-19	-7	10	1	17	7	7	6	13	10	8	-4	-19	-19	-18	-21	-23	-6	6	-1	0	5	19	-13	-8	-2			
Total Gen		17498	17075	16774	16471	16191	15853	15677	15328	15123	14871	14694	14632	14582	14510	14225	13673	13678	14411	14828	15289	15694	16170	16350	16379	16607	16328	16311	16568	16788	17143	17207	17303	17375	17463	17178	16922	16622	16563	16727	17522	17884	17845	17888	17762	17536	17531	17363	17317			
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	0	0	0	
TIE-HVDC		38	38	36	36	36	38	38	38	38	37	34	34	32	32	32	31	33	33	33	33	31	31	33	33	33	33	32	32	32	33	33	32	32	34	31	33	31	33	31	33	31	33	33	33	33	33	33	33	33		
TIE-PLTG		63	13	26	4	-10	25	17	5	-5	-15	-13	-15	15	12	31	-2	-19	-8	-6	-19	-16	-27	-11	-48	-20	-6	-12	-21	-32	-1	-4	9	26	20	14	-5	-8	-13	3	2	17	14	11	18	23	13	12	-4			
Interconnection		101	52	62	40	26	63	55	43	32	23	23	19	49	44	63	30	13	22	26	14	17	6	20	-16	12	26	21	12	0	31	28	41	59	52	46	27	25	20	35	34	51	44	43	49	56	46	45	29			
System Total		17397	17023	16712	16431	16165	15790	15622	15285	15091	14848	14671	14613	14533	14466	14162	13643	13665	14389	14802	15275	15677	16164	16330	16395	16595	16302	16290	16556	16788	17112	17179	17262	17316	17411	17132	16895	16597	16543	16692	17488	17833	17801	17845	17713	17480	17485	17318	17288			
SRev ST-Coal		59	135	61	20	-55	232	177	156	296	463	444	449	450	451	527	911	843	593	360	244	225	215	185	148	123	129	161	184	179	144	143	142	134	191	150	156	161	164	202	205	206	236	263	255	280	269	279	264			
SRev CCGT-Gas		999	1275	1053	1434	1349	1127	1317	1691	1744	1840	2026	2056	2123	2187	2338	2140	2088	2102	2171	2016	1825	1566	1543	1470	1231	1558	1535	1089	1025	730	568	389	297	222	482	480	623	668	360	121	158	160	89	211	233	185	328	174			
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	0	0	0
SRev ST-Oil		42	42	42	42	42	42	42	41	42	41	42	42	41	41	2	2	2	2	2	2	2	2	1	1	2	1	2	2	2	2	2	63	-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	-10	-6	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7		
SRev Distillate		239	51	52	18	18	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 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	0	0	0
SRev Co-Gen		44	40	38	36	36	38	36	30	30	30	26	30	28	26	26	24	30	36	40	46	52	54	62	60	60	60	58	70	66	70	64	68	74	78	82	84	80	78	72	68	68	68	64	66	58	60	56	48			
Syncon		374	500	500	500	500	651	651	651	651	651	651	651	651	651	651	651	651	651	651	802	802	651	802	802	953	953	953	802	802	651	802	802	651	802	676	676	890	890	890	890	428	302	151	302	302						