

Daily System Generation Summary on Tuesday

Tuesday, May 10, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,438 MW
Distillate	0 MW
Total TNB	2,438 MW
Total IPP	17,053 MW
Total Co-Gen	0 MW
Total System	23,615 MW

Generation Mix

Type	MWh	Percentage
Hydro	22,267	5.61 %
Distillate	2,822	0.71 %
Gas	39,123	9.86 %
Total TNB	64,212	16.19 %
ST-Coal	199,930	50.40 %
LSS	4,404	1.11 %
Distillate	35,667	8.99 %
Gas	90,997	22.94 %
Total IPP	330,998	83.44 %
Co-Gen	1,213	0.31 %
Total Co-Gen	1,213	0.31 %
Total Generation	396,423	99.93 %
PLTG	432	0.11 %
HVDC	-703	-0.18 %
Interconnection	-271	-0.07 %
Net Energy	396,694	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:	16:00:00 Hour
Total Set On Bus	20,201 MW
TNB Generation	4,269 MW
IPP Generation	14,818 MW
Spinning Reserve	1,067 MW
Maximum Demand	19,101 MW
Net Energy	396,694 MWH
Load Factor	86.53 %

Fuel Cost

Total Cost:	119,714,272.49 RM
Cost per Unit	30.20 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,278
Hydro	288
Syncon	125
Thermal	133
Total	1,824

Time	Weather	Temperature
Afternoon	Hot	37
Morning	Sunny	29

Gas Usage

Station	(mmscfd)
GLGR	33
TJGS	129
Total TNB	162
CBPS	50
EMPP	229
KLPP	40
NPRI	140
PCGP	74
PGLA	3
PLPS	28
SGB3	40
SGRI	1
SKSP	2
SPGP	109
Total IPP	713
Total Gas	876

Total Gas Required 1,212

Alternate Fuel Usage

Station	(mmscfd)
PGLA	49
EMPP	67
KLPP	42
PGLA	47
PLPS	66
SGB3	45
TJGS	21
Total	336

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	15929	15254	14728	14259	13823	13637	13926	13696	14192	15873	16841	17605	17391	17372	18278	18799	19101	18630	17410	17295	18358	18405	17955	17649

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, June 8, 2022 11:08:05 AM
(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Tuesday

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	706	707	708	705	707	705	704	707	706	706	706	706	706	706	706	705	704	706	704	707	705	703	707	707	708	701	704	704	706	705	706	705	590	416	406														
JMAH	U002	699	708	701	703	702	705	705	704	706	710	705	703	704	705	705	701	706	702	705	704	705	702	705	704	704	704	704	704	704	703	706	705	699	705															
JMHE	U001	977	977	981	979	980	935	901	881	877	881	882	885	880	880	882	882	982	983	983	977	982	988	987	984	975	981	980	988	975	979	970	979	979	982	982	986	979	984	978	984	981	981	979	980	985	981	983		
JMHE	U002	974	976	980	981	978	938	900	878	879	880	881	882	883	881	882	881	961	983	981	978	981	984	980	985	975	981	980	987	977	980	973	978	976	978	980	984	976	982	973	983	978	981	976	977	981	981	982		
JMJG	U001	667	668	667	667	663	664	668	662	666	668	666	663	666	667	666	663	665	662	662	663	667	668	667	665	668	668	668	671	666	666	666	664	690	690	690	690	690	690	690	690	690	690	690	690	690	690	592		
JMJG	U005	970	970	972	967	970	896	898	881	880	881	880	880	876	872	873	873	882	928	977	975	972	973	971	973	973	970	972	972	976	972	976	972	973	973	973	972	973	974	972	972	977	973	974	971	972	973	975	972	
PKLG	U003	263	262	262	264	263	263	262	260	262	263	262	262	262	262	264	263	263	262	263	262	263	263	262	263	263	262	263	263	262	263	262	263	262	263	263	261	262	261	262	262	262	263	263	263	263	263			
PKLG	U004	276	274	276	275	273	273	273	274	273	271	274	274	273	273	282	274	275	274	273	284	273	274	272	271	274	271	271	274	280	274	275	275	274	274	273	275	272	273	276	270	273	269	275	277	272	272			
PKLG	U005	466	468	467	468	468	464	468	468	462	466	473	466	462	464	468	469	459	467	467	466	475	462	460	468	470	453	466	468	468	467	464	288	291	274	269	264	257	317	359	380	460	467	472	468	454	468	468	462	
PKLG	U006	124	164	164	165	166	165	166	164	164	166	164	156	188	187	235	257	274	269	269	269	268	292	349	409	445	450	449	448	455	449	449	449	448	449	450	446	446	443	445	445	446	448	448	445	447	446	446	449	
TBIN	U001	700	698	698	697	699	697	701	698	698	698	699	695	699	695	697	698	700	700	696	698	695	700	700	698	698	698	697	702	694	699	697	699	698	701	698	700	700	698	699	699	699	697	698	697	700	698	697		
TBIN	U002	699	701	701	699	700	703	699	701	702	701	699	702	701	699	703	706	699	701	702	698	700	702	699	701	703	699	701	703	700	696	701	697	698	701	701	692	701	703	703	697	700	700	702	700	702	699	700	699	
TBIN	U003	702	700	703	700	700	703	699	705	700	701	701	705	701	700	703	702	701	705	698	699	699	702	698	698	700	703	701	703	699	700	705	694	702	702	701	700	701	701	700	700	698	702	701	701	701	701	700		
Total ST-Coal		8223	8273	8280	8270	8269	8111	8044	7982	7974	7990	7993	7977	8005	7988	8053	8088	8088	8325	8382	8377	8386	8409	8460	8525	8571	8532	8561	8563	8587	8535	8569	8344	8407	8387	8393	8368	8378	8433	8478	8457	8586	8574	8587	8568	8568	8477	8290	8182	
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		
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		
CBPS	BLK2	356	250	219	226	224	217	215	226	215	224	222	222	224	369	357	226	226	359	360	367	359	361	352	357	352	349	359	351	350	347	354	350	357	353	353	354	354	353	356	357	357	358	358	357	365	355	361	361	
EMPP	BLK1	705	689	711	710	710	704	701	709	703	709	696	709	715	381	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	706
EMPP	BLK2	704	688	712	710	710	705	701	709	703	709	611	613	714	717	518	539	714	654	717	711	712	728	687	709	699	691	707	714	724	716	711	707	707	708	708	709	709	708	709	701	713	715	713	710	712	711	713	708	
EMPP	BLK3	705	689	713	710	710	704	702	709	702	709	597	603	715	716	489	520	709	643	717	711	712	727	690	690	690	708	719	728	728	719	719	707	705	714	711	700	0	0	0	0	0	0	0	0	0	0	0	0	0
GLGR	GT01	83	76	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	37	76	93	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GLGR	GT02	84	93	95	93	93	93	93	93	93	93	93	93	93	94	93	93	93	93	93	93	93	93	93	93	93	93	95	95	95	104	105	105	105	107	107	107	107	107	107	108	108	108	108	108	108	108	108		
GLGR	ST1C	83	83	43	39	39	39	40	39	40	38	39	39	39	40	40	40	38	39	40	39	40	40	38	86	87	44	41	45	45	45	45	46	46	46	47	47	48	47	47	48	47	47	45	47	47	46			
KLPP	GT13	59	136	128	129	128	128	124	128	125	128	128	128	129	133	128	136	141	138	138	138	137	131	135	135	135	135	138	138	138	138	138	138	139	138	139	138	138	138	139	140	139	139	139	140	139	140	138	139	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0		
KLPP	ST17	34	65	65	65	65	65	65	65	65	65	66	65	67	67	66	67	68	67	63	68	110	138	135	136	136	136	199	199	199	202	202	203	203	202	203	202	202	202	203	203	203	203	203	203	204	203	202		
NPRI	BLK1	517	376	316	320	314	311	310	320	310	321	320	319	320	328	315	320	322	399	403	498	508	510	512	516	482	380	304	312	461	514	514	511	512	516	515	517	515	517	511	514	516	524	521	521	526	522	522	518	
NPRI	BLK2	507	377	318	322	316	311	310	320	310	320	319	319	324	326	315	322	323	400	404	502	500	514	520	520	484	381	304	313	463	527	520	516	517	521	520	522	522	518	516	521	530	527	526	530	522	526	529	523	
PCGP	PGRG	588	573	499	403	394	392	391	402	390	402	402	403	405	413	395	403	404	404	482	507	456	622	439	401	384	377	392	407	520	610	599	592	594	597	594	448	396	395	395	461	600	609	605	602	610	602	607	504	
PGLA	GT12	167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PGLA	ST10	86	86	87	99	100	100	99	100	100	100	101	100	100	100	100	100	100	100	100	100	100	100	99	100	99	100	0	0	0	0	0	0	93	86	99	99	99	99	99	99	99	99	100	99	99	100	100	100	100
PLPS	GT11	0																																																

Daily MW Generation on Tuesday

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																										
TJGS	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	121	213	216	218	216	216	195	169	152	217	217	217	215	215	216	217	215																	
TJGS	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	196	223	224	152	152	155	209	211	117	207	213	211	211	190	164	144	213	213	211	213	212	211	211												
TJGS	ST2C	86	89	92	90	90	90	90	90	90	90	90	90	90	90	90	81	104	123	123	108	95	95	113	118	172	248	252	252	252	249	217	218	254	254	254	254	254	254												
Total CCGT-Gas		6417	5850	5472	5269	5116	5024	4865	4927	4801	4832	4618	4632	4861	4793	3925	3810	4229	4439	4829	5408	5529	5779	6120	6093	5938	5877	5738	5625	6122	6557	6672	7141	7278	7125	6909	6709	5854	5811	6224	6832	7012	7036	7017	6937	6772	6688	6695	6556		
Total 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		
BSIA	HY01	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22				
BSIA	HY03	23	22	23	23	22	23	22	23	22	22	22	22	22	23	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23				
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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	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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9				
CEND	HY04	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	123	123	123	124	124	123	124	124	123	124	123	124	124	124	124	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123			
HTRG	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
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	3	3	3	3	3	3	3	3	3	3	3	3		
HTRG	HY04	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		
KNRG	HY01	34	34	34	34	34	34	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
KNRG	HY02	36	36	36	36	36	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
KNRG	HY03	35	35	35	35	35	35	36	36	36	37	37	37	37	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35		
LPJA	HY01	22	22	22	22	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21			
LPJA	HY02	22	22	22	22	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21				
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		
PGAU	HY03	20	21	21	21	21	21	21	21	21	21	21	21	21	83	82	82	82	113	113	113	82	82	82	113	83	124	151	151	152	152	123	81	22	23	23	22	23	23	22	22	22	22	22	22	22	22	22	22	22	
PGAU	HY04	20	20	20	20	20	20	20	20	20	20	20	20	21	21	21	82	82	111	111	111	112	111	21	21	21	112	82	122	151	150	150	150	121	22	22	22	22	21	81	81	81	81	81	81	81	81	81	81	81	81
SIHY	HY02	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	84	81	84	84	84	84	57	-1	-1	-1	-1	-1	85	85	35	35	84	84	84	84	84	73	84	42	40	47	84	84	84	43	76	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84		
TMGR	HY02	81	78	83	83	82	82	82	83	82	83	83	83	83	83	83	83	84	83	84	83	83	83	80	79	82	83	83	83	83	83	82	83	82	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83		
TMGR	HY03	78	75	80	80	80	79	78	80	32	0	0	0	0	0	0	0	84	85	84	85	84	84	84	84	82	82	84	84	84	84	85	85	85	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	
TMGR	HY04	78	76	81	81	81	80	79	-1	-1	-1	-1	-1	84	84	-1	-1	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85		
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	93	98	91	93	50	-1	-1	119	122	119	112	177	176	142	140	88	-1	-1	-1	86	87	93	93	91	92	91	93	89	89	89	89		
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	95	96	-1	-1	-1	-1	-1	89	97	100	151	144	180	181	146	144	90	-1	-1	-1	88	90	96	94	92	94	93	94	93	93	93	93	
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	5	5	5	5	5	5	5	5	5	5	5	5		
UPIA	HY02	5	4	5	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		
Total Hydro		782	770	790	662	612	611</																																												

Daily MW Generation on Tuesday

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																											
Total Distillate		457	622	648	670	676	669	667	673	666	673	673	674	673	677	1173	1276	1266	1372	1374	1366	1444	1579	1455	1453	1441	1465	1587	1530	1527	1545	1529	1391	1385	1584	1534	1448	2018	1710	1470	1466	1469	1477	1474	1409	1341	1350	1346	1101			
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	10	12	18	19	22	24	25	26	26	19	15	18	26	14	12	16	15	4	2	2	1	0	0	0	0	0	0	0	0	0	0			
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	10	14	21	22	18	20	19	25	18	26	26	25	27	12	9	12	8	5	1	1	1	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	1	4	8	12	17	17	20	14	20	31	32	24	30	25	17	24	3	0	2	0	0	2	2	0	0	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	0	4	10	17	23	27	31	36	35	39	40	34	44	19	23	20	20	27	27	15	18	6	5	2	0	0	0	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	13	16	21	20	17	16	6	17	28	22	29	29	16	22	19	18	5	4	3	2	0	0	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	5	10	16	23	28	29	40	37	48	14	17	31	21	4	10	8	2	1	1	2	2	3	0	0	0	0	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	3	6	10	15	19	16	23	12	23	27	23	15	9	10	8	2	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0		
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	14	20	25	31	36	40	24	31	44	26	50	47	24	38	14	34	28	24	19	15	4	2	0	0	0	0	0	0	0	0	0	0	0		
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	17	27	40	52	58	60	69	63	92	53	74	40	59	40	50	10	6	9	6	6	8	10	4	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	0	1	6	11	17	22	25	20	28	34	35	42	39	30	38	25	6	2	2	7	3	2	4	3	1	0	0	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	0	1	3	5	8	12	18	12	19	15	26	27	19	4	17	11	15	2	0	1	0	0	1	2	0	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	0	1	5	9	15	19	22	25	27	30	30	28	30	28	30	30	21	30	26	6	5	3	2	1	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	0	3	8	12	23	26	32	9	13	40	42	19	50	47	45	47	14	31	35	12	6	16	7	2	0	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	0	6	15	36	51	60	82	67	93	52	79	101	81	101	75	98	93	98	88	73	57	42	22	12	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	0	1	9	21	26	24	38	16	43	45	44	44	52	12	47	12	35	40	35	30	24	17	12	5	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	0	1	5	9	13	18	26	26	32	36	34	20	22	38	20	14	25	28	13	10	6	2	1	0	0	0	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	0	2	2	7	12	16	19	7	15	7	17	29	29	29	29	25	28	10	21	4	14	8	2	1	0	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	0	2	5	7	24	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	25	4	11	1	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	0	32	103	211	337	424	532	465	579	540	651	618	622	596	581	482	486	376	359	286	215	153	103	57	13	1	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	26	27	27	27	28	28	28	27	27	27	26	24	24	23	22	22	22	21	22	22	21	22	22	24	22	24	22	23	23	23	23	23	25	24	25	25	26	26	26	27	27	27	28	28	24						
PCUF	CUFK	26	27	26	27	25	24	26	25	26	26	25	26	26	26	27	25	26	26	27	24	24	24	25	25	24	24	25	25	24	24	24	25	24	25	26	24	25	25	27	26	27	26	25	25	24	26	26	25			
Total Co-Gen		52	54	53	54	53	52	54	52	53	53	54	53	54	53	51	52	53	49	50	49	48	49	46	45	46	47	49	47	46	48	46	48	47	48	49	49	49	50	52	52	53	52	52	52	51	54	54	49			
Total Gen		15931	15569	15243	14925	14726	14467	14238	14068	13819	13844	13634	13632	13888	13978	13671	13593	14140	15235	15811	16396	16806	17184	17543	17553	17326	17166	17350	17801	18250	18684	18820	18952	19134	19021	18627	18008	17446	17063	17281	18027	18401	18433	18419	18247	17956	17789	17607	17104			
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		
TIE-HVDC		-28	-28	-28	-30	-31	-28	-30	-30	-31	-27	-30	-29	-31	-31	-29	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29		
TIE-PLTG		30	66	17	-15	29	43	10	-10	26	-30	24	-19	-9	5	5	-15	-22	14	-32	-9	-6	-88	-33	0	-35	17	7	-59	2	34	50	69	62	83	26	99	66	71	15	75	72	49	43	79	29	-14	-13	59			
Interconnection		2	38	-11	-45	-2	15	-21	-41	-4	-60	-3	-49	-38	-26	-25	-43	-52	-16	-62	-38	-35	-117	-62	-29	-65	-13	-22	-89	-28	5	21	40	33	53	-3	70	36	41	-14	46	43	19	14	50	1	-43	-42	29			
System Total		15929	15531	15254	14970	14728	14452	14259	14109	13823	13904	13637	13681	13926	14004	13696	13636	14192	15251	15873	16434	16841	17301	17605	17582	17391	17179	17372	17890	18278	18679	18799	18912	19101	18968	18630	17938	17410	17022	17295	17981	18358	18414	18405	18197	17955	17832	17649	17075			
SRev ST-Coal		152	152	145	155	156	310	380	383	390	377	376	393	411	420	354	372	383	200	143	148	139	259	208	143	97	136	107	105	93	133	99	189	132	152	146	91	285	230	185	206	77	94	81	100	100	156	128	186			
SRev CCGT-Gas		960	1399	1378	1475	1280	1372	1531	1469	1595	1564	1778	1764	1535	1603	1724	1982	1563	1282	2051	1545	1420	1017	1157	1404	1687	1716	1855	1733	1187	974	991	672	765	667	883	1226	1334	1377	1711	1103	923	899	702	782	1087	1097	1090	1229			
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	
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	0	0	
SRev Distillate		51	117	91	69	63	70	72	66	73	66	66	65	66	62	313	210	220	257	255	263	328	346	248	250	262	391	269	98	101	83	99	87	93	125	175	118	148	506	146	150</											