

Daily System Generation Summary on Tuesday

Tuesday, November 9, 2021

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,372 MW
Distillate	0 MW
Total TNB	2,372 MW
Total IPP	15,114 MW
Total Co-Gen	0 MW
Total System	19,471 MW

Generation Mix

Type	MWh	Percentage
Hydro	25,586	6.77 %
Gas	38,268	10.12 %
Total TNB	63,854	16.89 %
ST-Coal	183,724	48.60 %
ST-Gas	697	0.18 %
ST-Oil	827	0.22 %
LSS	3,023	0.80 %
Distillate	23,674	6.26 %
Gas	98,628	26.09 %
Total IPP	310,573	82.15 %
Co-Gen	1,294	0.34 %
Total Co-Gen	1,294	0.34 %
Total Generation	375,721	99.39 %
PLTG	-969	-0.26 %
HVDC	-1,354	-0.36 %
Interconnection	-2,323	-0.61 %
Net Energy	378,044	100.00 %

Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	18,756 MW
TNB Generation	3,930 MW
IPP Generation	14,102 MW
Spinning Reserve	669 MW
Maximum Demand	18,144 MW
Net Energy	378,044 MWH
Load Factor	86.82 %

Fuel Cost

Total Cost:	86,220,254.79 RM
Cost per Unit	22.51 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	503
Hydro	401
Syncon	291
Thermal	125
Total	1,320

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Cloudy	25

Gas Usage

Station	(mmscfd)
GLGR	49
SRDG	10
TJGS	97
Total TNB	156
CBPS	50
KLPP	56
NPRI	149
PGLA	105
PLPS	54
SGB3	50
SGRI	90
SKSP	50
PKLG	7
Total IPP	610
Total Gas	766

Total Gas Required 969

Alternate Fuel Usage

Station	(mmscfd)
KLPP	41
PLPS	35
SGB3	44
SGRI	75
PKLG	8
Total	203

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	15416	14717	14161	13783	13437	13283	13391	13413	14037	15720	16658	17164	17191	17154	17812	18027	17825	17142	16188	16589	16817	16578	15964	15722

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, December 6, 2021 6:46:54 PM

(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	U002	695	694	694	695	694	694	695	696	697	697	695	694	694	694	698	690	696	699	696	693	697	695	695	697	692	698	692	702	694	696	695	694	696																
JMHE	U001	976	974	931	931	931	881	852	852	850	847	847	852	851	848	850	851	849	955	982	978	982	982	977	982	981	982	978	981	982	981	980	980	977	978	976	974	977	981	980										
JMHE	U002	979	978	931	931	929	882	855	851	851	849	850	851	848	846	850	851	849	953	981	977	983	980	984	980	980	980	980	981	984	981	977	982	982	982	975	977	975	983	982										
JMJG	U001	676	675	671	668	673	668	674	671	671	670	672	668	674	675	665	667	668	664	671	668	671	673	671	672	640	645	647	651	645	645	639	655	649	645	641	643	641	640	634	634	665	669	669	668	670	672	671	669	
JMJG	U002	667	667	670	669	673	666	671	670	667	671	670	668	668	665	668	664	667	672	671	667	673	673	676	673	671	672	667	677	675	672	672	671	672	670	668	678	668	673	673	668	675	673	672	680	664	677	675	668	
JMJG	U005	894	892	890	890	892	892	891	890	895	892	894	890	894	889	892	890	891	892	890	888	896	892	891	892	891	892	891	889	889	892	894	895	892	896	892	892	890	890	889	891	889	890	892	892	892	892	892		
PKLG	U003	277	276	273	277	277	275	277	276	276	278	278	276	278	277	278	280	279	276	279	278	278	276	276	278	277	278	277	278	279	278	277	279	286	278	276	267	267	272	271	269	276	275	276	278	276	274			
PKLG	U004	277	277	275	276	275	274	273	276	272	274	273	272	276	279	278	274	278	279	277	279	278	275	276	275	278	273	272	269	271	272	276	272	273	272	271	272	270	254	253	262	268	269	270	274	274	276	276	274	
PKLG	U005	455	450	464	466	459	463	469	468	466	462	470	467	466	470	470	464	466	466	466	462	465	466	466	468	469	465	466	470	472	470	467	464	469	467	460	464	466	475	469	468	463	468	467	468	465	466	468	467	
PKLG	U006	445	442	438	446	445	444	445	450	447	444	447	452	449	445	447	450	445	445	449	448	451	448	449	452	450	453	451	453	448	446	453	458	446	449	456	452	452	449	449	448	447	448	446	447	449	449	446	449	
TBIN	U002	692	689	690	692	692	693	691	691	690	692	694	690	691	690	689	691	690	689	691	690	689	691	690	692	692	692	695	697	688	690	693	693	691	691	692	692	691	689	691	691	690	692	691	694	691	691	693	701	693
TBIN	U003	691	693	691	691	692	692	693	693	693	692	691	692	691	689	694	693	690	692	690	690	690	694	689	691	689	693	695	689	691	691	692	691	690	692	695	696	692	692	693	691	691	692	690	693	694	690	692	692	
Total ST-Coal		7724	7707	7618	7632	7632	7524	7486	7484	7475	7468	7481	7475	7478	7469	7478	7468	7476	7681	7740	7720	7753	7739	7752	7745	7711	7726	7708	7733	7726	7722	7712	7722	7715	7718	7726	7720	7707	7694	7680	7672	7722	7719	7737	7730	7720	7740	7755	7736	
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	0	0	0	0	0	235	156	147	147	147	132	137	137	137	137	142	
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	235	156	147	147	147	132	137	137	137	137	142	
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	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	365	362	364	362	350	221	231	218	225	221	217	218	244	250	223	223	363	357	357	357	351	360	355	356	355	357	357	358	363	368	361	360	362	358	349	362	357	356	358	357	357	358	359	362	355	362	358	360	
GLGR	GT01	88	68	69	68	68	68	69	68	67	68	68	69	70	69	68	69	69	69	68	68	68	92	104	102	74	97	105	103	103	105	103	104	103	95	68	67	68	67	104	104	66	67	67	67	68	69	70		
GLGR	GT02	86	68	68	68	68	68	68	68	68	68	68	68	68	68	68	69	68	68	68	68	68	67	93	104	103	74	98	103	103	103	102	103	104	103	93	68	68	68	68	105	104	66	68	68	68	68	68		
GLGR	ST1C	88	72	71	71	71	72	71	72	71	71	71	71	72	72	71	71	71	71	72	72	72	72	83	94	94	82	86	94	95	95	94	93	93	91	72	72	72	72	72	89	93	75	72	72	71	71	71		
KLPP	GT13	132	128	128	68	67	68	71	67	68	67	68	67	71	68	68	71	118	126	135	135	135	134	134	133	132	133	133	134	134	133	137	141	141	140	128	128	140	139	138	139	138	139	122	121	122	121	127		
KLPP	GT15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	30	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	0		
KLPP	ST17	138	137	137	125	116	118	118	116	117	116	116	116	117	119	116	117	119	135	128	199	207	206	207	207	206	206	206	206	206	206	206	207	208	207	203	205	209	208	207	208	208	203	204	204	204	204	143		
NPRI	BLK1	527	514	523	519	522	515	450	396	327	325	324	327	334	336	330	331	518	516	515	506	504	515	508	502	509	514	513	517	515	520	517	509	512	511	500	515	515	515	515	520	512	518	516	513	511	515	517	516	
NPRI	BLK2	530	518	527	523	526	524	449	397	330	331	329	334	337	350	335	337	346	521	522	509	509	520	515	509	512	516	513	513	517	515	515	512	519	515	502	515	516	519	519	521	517	521	518	517	512	517	518	518	
PCGP	PGRG	612	595	604	602	603	603	609	603	601	497	498	401	404	581	599	504	570	605	604	588	590	684	676	668	674	683	681	684	688	690	684	677	686	677	662	603	602	602	600	603	600	602	602	599	597	599	603	604	
PGLA	GT11	170	166	169	168	169	168	170	169	168	167	167	169	169	169	169	169	165	215	210	211	214	212	211	213	214	214	214	214	215	217	214	213	214	212	209	213	213	178	216	218	218	218	218	216	219	217	168		
PGLA	GT12	174	171	172	173	173	173	174	173	173	171	171	173	173	174	172	174	169	219	214	216	219	212	215	218	217	219	219	219	219	221	219	218	218	216	213	218	217	183	221	222	222	222	222	222	221	222	223	172	
PGLA	ST10	205	204	204	205	205	205	204	204	205	204	203	203	204	205	203	204	205	211	239	238	236	240	236	236	239	239	239	237	239	241	240	239	239	240	235	241	241	221	240	239	238	237	238	237	238	235	204		
PLPS	GT11	115	111	111	61	61	61	62	61	62	62	62	62	62	61	63	62	64	111	111	142	141	144	140	140	139	141	141	140	141	139	139	139	139	137	135	139	115	115	149	149	148	149	147	115	112	111	121	121	
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	140	137	141	136	137	139	141	140																					

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 CCGT-Gas		5668	5537	5556	5171	5117	4898	4781	4646	4514	4497	4495	4419	4487	4704	4614	4535	4992	5576	5846	6220	6647	6798	6873	6884	6947	6908	6945	6971	6991	7023	6993	6970	6993	6975	6761	6718	6459	6334	6833	6969	6900	6839	6601	6440	6312	6061	5944	5615			
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120	121	124	119	89	89	89	0	0	0	0	0	0	0	0	0	0	0	0				
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	118	120	122	121	88	89	89	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
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	118	240	241	246	240	177	178	178	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	21	11	11	0	0	0	0	12	21	20	20	20	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20		
BSIA	HY02	23	23	23	23	23	23	22	22	22	22	12	12	13	12	12	13	23	23	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	22	22	22	11	12	0	0	0	0	12	21	21	21	21	21	21	21	21	21	21	21	21	22	22	21	21	21	21	22	22	22	21	22	22	22	22	22	22	22	22	22	22	22	
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	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	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	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	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	7		
HTRG	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HTRG	HY02	122	122	62	63	63	63	63	63	63	63	63	63	63	63	63	63	121	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	121	122	122	122	122	122	122		
KNRG	HY01	34	34	34	22	22	23	23	22	23	22	22	22	22	23	22	23	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	
KNRG	HY02	35	35	35	23	23	23	23	23	23	23	23	24	23	23	23	36	36	36	35	36	35	35	35	36	36	36	36	36	36	36	35	36	36	35	36	35	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
KNRG	HY03	34	34	34	21	21	21	22	21	21	21	21	22	22	21	22	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	
KNYR	HY01	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
KNYR	HY02	92	0	0	0	0	0	61	99	60	94	94	94	94	94	94	98	98	98	98	97	97	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
KNYR	HY03	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	97	98	98	97	97	98	97	98	98	98	98	97	97	97	98	98	97	98	94	98	97	98	98	97	98	98	97	98	97	98	97	98	97	98	
KNYR	HY04	98	60	70	63	87	98	98	63	98	62	60	63	98	98	77	98	98	75	98	59	57	88	58	57	60	72	83	64	83	98	96	74	97	61	54	79	66	98	59	98	88	98	98	98	98	98	98	98	98	98	98
LPJA	HY01	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		
LPJA	HY02	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20		
MNOR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	4	4	4	4	1	1	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
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	18	-1	-1	-1	-1	-1	-1	-1	18	-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	-1	-1	-1	
PGAU	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	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	0	0	0	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	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	0	0	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY01	80	80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	5	62	62	80	81	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
TMGR	HY02	85	85	36	0	0	0	0	0	0	0	0	0	0	0	0	0	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	85	85	85
TMGR	HY03	80	80	32	32	32	32	-1	-1	-1	-1	-1	-1	-1	-1	-1	60	60	81	81	81	81	80	81																												

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		788	784	723	771	650	663	665	653	655	544	544	545	553	556	546	547	556	600	601	675	675	674	672	669	672	671	669	667	668	669	665	672	675	675	683	687	690	690	688	688	687	686	681	676	679	680	672			
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	12	16	18	21	23	25	25	26	28	26	25	4	2	10	1	2	3	3	4	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	1	5	6	12	14	19	16	18	32	28	31	32	29	14	10	13	12	4	5	1	1	1	0	0	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	0	2	4	8	15	20	24	26	29	30	24	24	25	32	32	26	5	4	3	2	3	5	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	2	9	17	26	18	14	8	13	42	46	47	10	6	49	37	38	36	28	34	15	3	1	1	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	0	1	7	5	8	11	14	12	13	30	29	29	27	30	29	21	20	22	20	15	7	3	0	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	0	1	6	14	23	30	35	38	44	31	48	42	38	47	38	13	2	0	4	6	9	8	4	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	0	3	9	16	18	27	25	31	28	17	33	49	14	17	28	41	43	38	32	29	21	12	5	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	0	2	5	11	19	27	32	35	38	37	36	33	40	45	18	20	39	17	6	2	2	4	2	1	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	0	2	4	9	15	19	24	23	26	30	30	30	17	24	13	1	0	0	1	1	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	0	5	11	21	27	31	25	45	32	50	41	37	50	34	18	22	45	29	16	28	24	10	4	1	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	0	4	11	20	28	35	43	49	50	51	50	42	14	52	52	52	51	52	0	1	2	1	1	1	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	0	2	6	9	11	22	30	35	38	42	34	45	32	28	17	34	26	11	3	3	2	1	1	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	0	3	5	9	13	17	20	10	7	24	27	21	29	29	17	14	25	22	7	7	7	4	1	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	0	5	5	6	11	30	26	19	30	29	30	28	23	30	28	23	30	27	30	26	25	8	4	2	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	0	35	92	159	238	317	349	368	389	470	481	486	397	415	391	337	337	283	150	160	105	60	26	5	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	29	28	28	28	29	28	28	28	27	29	29	27	29	30	28	28	28	28	28	28	29	29	27	29	28	29	29	28	29	28	28	28	28	29	29	28	30	29	28	29	30	28	27	28	29	28	29			
PCUF	CUFK	26	26	27	26	27	25	24	27	23	26	26	24	25	25	25	26	27	26	26	25	25	23	24	24	22	26	25	27	24	26	25	26	26	25	28	28	25	28	26	25	27	25	22	26	25	26	27			
Total Co-Gen		55	54	55	54	56	53	52	55	50	55	55	51	54	54	53	53	52	53	51	51	54	54	56	52	55	53	54	56	52	55	53	54	54	54	54	57	56	55	57	54	54	57	53	49	54	54	54	56		
Total Gen		15324	15001	14653	14242	14112	13826	13702	13515	13404	13233	13260	13136	13291	13481	13337	13332	13938	14947	15614	16107	16577	16802	17101	17214	17187	17057	17090	17437	17780	18087	17661	17562	17448	17406	16828	16586	16104	15977	16508	16900	16712	16661	16465	16276	15922	15756	15600	15194		
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		
TIE-HVDC		-30	-30	-30	-30	-30	-28	-28	-30	-30	-30	-30	-30	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-28	-28	-30	-293	-291	-292	-294	-281	-28	-28	-29	-29	-30	-29	-30	-29	-31	-28	-28	-30	-31			
TIE-PLTG		-59	-26	-32	-30	-16	-11	-50	-36	0	-1	10	-39	-67	-31	-44	-53	-67	-26	-74	-10	-49	-58	-30	-32	28	-13	-32	-40	-1	-24	-71	-66	-81	-34	-30	-96	-53	-63	-49	-74	-73	-79	-82	20	-11	-38	-88	-59		
Interconnection		-89	-56	-61	-60	-46	-39	-78	-66	-30	-31	-20	-69	-97	-60	-73	-82	-96	-56	-103	-39	-78	-88	-60	-62	-1	-42	-61	-68	-29	-54	-363	-357	-374	-328	-311	-124	-81	-92	-78	-104	-102	-109	-110	-10	-39	-66	-119	-90		
System Total		15416	15060	14717	14305	14161	13868	13783	13584	13437	13267	13283	13208	13391	13544	13413	13417	14037	15006	15720	16149	16658	16893	17164	17279	17191	17102	17154	17508	17812	18144	18027	17922	17825	17737	17142	16713	16188	16072	16589	17007	16817	16773	16578	16289	15964	15825	15722	15287		
SRev ST-Coal		123	140	229	215	215	286	268	265	273	275	263	275	268	272	268	281	268	166	107	127	94	108	95	102	96	81	99	74	81	85	95	85	92	89	81	87	100	111	125	135	85	128	110	117	127	107	92	111		
SRev CCGT-Gas		498	629	610	995	1049	1268	1385	1520	1652	1812	1814	1890	1822	1605	1695	1774	1317	733	759	741	532	461	386	375	312	351	314	298	278	246	276	299	276	294	498	611	720	845	346	210	279	340	578	739	727	835	590	694		
SRev LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	-1	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SRev 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		
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	30	31	30	32	32	33	34	35	38	38	41	42	11	0	0	0	0	0	0	0	0	0	0	0		
SRev Distillate		74	78	139	91	212	199	197	209	207	175	175	174	166	163	173	172	163	119	118	44	44	45	47	50	47	48	50	52	52	51	50	54	47	44	44	36	32	29	29	31	31	32	33	38	43	40	39	47		
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	8	12	11	6	12	75	74	74	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	0	0	
Syncon		525	525	612	612	612	612	699	699	699	699	699	699	699	699	699	699	612	525	338	187	338	338	151	151	338	338	151	151	0	0	0	151	151	151	525	525	525	525	525	187	374	525	525	646	646	459	459	459		
Hydro		83	153	284	284	241	210	193	234	201	242	377	2																																						