

Daily System Generation Summary on Tuesday

Tuesday, September 13, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,153 MW
Distillate	0 MW
Total TNB	2,153 MW
Total IPP	18,053 MW
Total Co-Gen	0 MW
Total System	22,662 MW

Generation Mix

Type	MWh	Percentage
Hydro	24,456	6.54 %
Gas	48,123	12.86 %
Total TNB	72,579	19.40 %
ST-Coal	185,049	49.46 %
ST-Gas	1,083	0.29 %
LSS	5,746	1.54 %
Gas	109,429	29.25 %
Total IPP	301,307	80.53 %
Co-Gen	483	0.13 %
Total Co-Gen	483	0.13 %
Total Generation	374,369	100.06 %
PLTG	1,934	0.52 %
HVDC	-1,727	-0.46 %
Interconnection	207	0.06 %
Net Energy	374,162	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:	15:30:00 Hour
Total Set On Bus	18,691 MW
TNB Generation	3,467 MW
IPP Generation	14,157 MW
Spinning Reserve	1,049 MW
Maximum Demand	17,630 MW
Net Energy	374,162 MWH
Load Factor	88.43 %

Fuel Cost

Total Cost:	119,633,017.94 RM
Cost per Unit	31.95 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	939
Hydro	337
Syncon	190
Thermal	116
Total	1,582

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	24

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	75
Total TNB	103
CBPS	39
EMPP	270
KLPP	25
NPRI	75
PCGP	89
PGLA	88
PLPS	85
SGRI	55
SKSP	27
SPGP	210
PKLG	10
Total IPP	974
Total Gas	1,078

Total Gas Required 1,078

Alternate Fuel Usage

Station	(mmscfd)
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	15385	14518	14071	13562	13258	12973	13292	13359	13730	15362	16206	16726	16701	16378	17205	17543	17619	17156	16115	16217	17118	16931	16386	15917

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, October 4, 2022 3:39:38 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	U001	707	631	348	211	214	213	214	214	214	213	215	214	214	367	535	706	714	709	704	706	706	706	704	707	707	703	707	707	706	707	705	705	705	706	706	707	706	706	699	707	706	705	707	707				
JMHE	U001	978	980	982	980	976	977	977	978	844	851	851	851	850	851	851	850	849	976	979	977	978	978	978	976	979	978	976	980	976	976	979	976	974	978	978	977	976	978	976	977	975	979	975	975	977	979	985	
JMHE	U002	981	981	982	978	981	978	979	978	846	853	850	850	849	842	849	849	848	978	980	979	983	980	980	976	982	980	982	982	978	977	980	980	979	978	978	979	982	975	981	980	978	977	978	977	977	982	976	981
JMJG	U002	671	667	672	673	662	667	668	679	672	677	662	666	666	673	678	668	665	674	671	666	671	672	671	671	667	664	662	660	666	664	664	666	668	664	670	666	666	666	666	664	665	664	656	658	657			
JMJG	U004	848	848	848	847	848	849	846	847	846	848	848	849	847	846	847	846	847	848	848	847	848	844	847	846	846	848	863	904	906	904	905	906	903	904	908	906	904	906	906	906	906	906	906	903	905	904	903	
JMJG	U005	972	970	972	977	976	975	973	974	904	850	849	848	850	852	853	848	848	947	980	978	975	976	976	977	980	978	975	976	977	974	977	978	977	979	975	978	977	977	977	974	976	977	973	976	976	973	976	
PKLG	U006	0	0	0	0	0	0	0	269	269	270	268	268	268	268	268	324	409	445	449	448	445	449	448	451	446	449	447	446	449	448	448	446	448	445	446	450	448	449	449	446	449	450	448	446	446	448		
TBIN	U001	698	651	358	208	208	212	210	210	210	211	210	210	210	210	276	425	682	700	698	697	697	701	697	696	694	696	701	699	698	699	698	698	693	694	693	698	697	699	699	701	698	696	701	697	698	687	699	700
TBIN	U002	702	699	700	702	703	701	702	702	705	701	701	701	701	700	702	702	706	701	699	701	702	701	702	705	698	701	701	699	702	701	698	699	702	707	700	702	703	701	702	701	701	702	700	701	700	703	703	699
TBIN	U003	702	702	703	701	700	702	698	698	703	701	694	701	700	696	714	698	698	705	701	698	696	699	696	695	707	697	696	699	700	694	698	700	695	700	697	695	703	699	694	697	700	696	697	702	697	693	699	698
TBIN	U004	939	939	936	938	937	939	937	937	896	852	853	855	855	854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185	279	312	361	479	613	718	762	761	779	839	852	853	853	
Total ST-Coal		8198	8068	7501	7215	7205	7213	7204	7217	7109	7027	7002	7011	7013	7007	6251	6522	7001	7643	7715	7702	7701	7703	7695	7701	7706	7706	7701	7710	7755	7740	7753	7757	7747	7748	7933	8032	8074	8118	8237	8372	8473	8508	8511	8532	8583	8582	8597	8607
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	266	270	259	289	281	269	266	267	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		266	270	259	289	281	269	266	267	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	202	194	201	201	201	201	200	199	201	202	201	201	204	201	197	198	201	270	281	284	295	298	287	286	201	202	203	285	298	295	300	293	309	288	276	234	201	202	203	198	200	197	199	195	197	203	203	
EMPP	BLK1	412	400	444	456	479	411	444	413	502	484	469	499	563	642	648	590	519	587	628	625	667	710	671	663	648	644	712	709	689	709	688	710	696	727	701	683	653	411	564	712	708	695	692	414	404	408	474	448
EMPP	BLK2	410	400	442	476	479	412	445	415	499	484	468	498	562	642	654	594	519	591	629	626	684	710	683	674	665	650	711	708	703	707	704	710	709	727	711	699	697	616	712	711	710	710	705	710	608	411	475	447
EMPP	BLK3	488	471	464	492	511	421	493	414	520	489	472	537	588	671	643	610	551	629	672	648	670	710	671	662	642	597	376	708	688	708	689	711	697	727	698	682	679	698	712	710	708	696	692	708	688	620	519	488
GLGR	GT02	92	91	92	92	91	92	91	92	91	91	92	92	92	91	91	91	91	92	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	92	91	91	92	91	92	91	91	91	91	91	92	91	92	
GLGR	ST1C	40	40	40	40	41	40	39	41	41	41	41	40	40	40	41	41	40	40	40	41	41	40	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	40	41	41	41	41	41	41	41	41		
KLPP	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	5	10	10	12	12	12	50	50	110	140	120	120	140	140	140	140	140	140	70	70	70	70	70	110	110	120	120	120	120	120	120	120	120
KLPP	ST17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	14	20	29	43	69	68	59	132	143	144	143	143	123	93	90	91	91	74	65	61	60	61	60	61	61	61	37
NPRI	BLK2	518	508	520	519	519	517	319	316	319	319	319	320	320	322	519	512	514	520	520	518	512	520	516	514	513	368	322	476	511	518	514	520	517	527	517	507	507	518	520	520	517	517	512	514	511	514	521	523
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	600	
PGLA	GT11	180	180	180	133	134	134	134	134	134	134	134	134	134	134	134	134	134	134	133	179	170	173	172	151	133	132	132	132	132	170	168	171	170	177	170	147	132	133	135	133	134	134	133	134	134	135		
PGLA	GT12	136	136	137	137	137	137	137	137	137	137	137	136	136	136	136	136	136	136	137	136	200	205	207	202	154	136	136	135	136	135	177	206	210	210	213	209	150	135	136	137	138	137	137	137	137	137	137	137
PGLA	ST10	179	179	179	179	178	178	178	179	178	178	178	178	178	179	178	179	178	179	179	179	216	214	215	216	189	179	179	179	193	215	216	216	221	216	199	178	179	179	179	179	179	179	179	179	179	178	178	
PLPS	GT11	115	115	115	115	116	115	115	115	68	69	68	69	69	69	69	68	69	69	137	139	136	138	139	116	111	116	115	116	112	116	113	116	115	71	65	62	60	65	65	135	135	135	115	115	112	112	114	116
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	99	144	145	119	116	120	119	119	115	120	118	118	119	76	69	65	64	69	70	140	139	139	116	119	117	116	119	118	
PLPS	GT13	121	112	112	111	112	112	111	111	66	66	65	66	66	66	67	66	66	66	133	135	131	1																										

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		6057	5748	5813	5743	5735	5400	5363	5183	5339	5274	5221	5355	5534	5781	5962	5794	5646	5874	6025	6301	6633	6954	7133	7256	7240	6978	6927	7307	7480	7907	8159	8259	8213	8136	7685	7329	6909	6640	6881	7405	7425	7316	7214	7009	6686	6429	6362	6100		
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	0	
BSIA	HY01	22	21	22	21	21	21	12	11	12	11	12	12	12	21	21	21	21	21	21	21	21	21	21	21	12	13	21	22	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
BSIA	HY02	20	20	20	20	20	20	11	11	11	11	11	11	11	20	20	20	20	20	20	20	20	20	20	20	12	12	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20		
BSIA	HY03	22	22	22	22	23	22	12	11	12	12	12	12	12	22	22	22	22	22	22	22	22	22	22	22	12	12	23	22	22	22	22	22	0	0	12	11	12	12	12	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	10	10			
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		
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		
HTRG	HY01	124	123	123	124	123	123	62	62	62	62	62	62	62	124	124	124	124	124	124	123	124	124	124	124	63	62	123	124	123	123	123	123	123	123	62	62	62	63	123	123	123	124	123	123	124	123	123	123		
HTRG	HY03	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		
KNRG	HY02	37	37	37	37	37	37	23	23	24	23	24	24	24	23	23	23	24	23	37	37	37	37	37	37	22	22	38	37	37	37	37	37	37	38	37	37	37	37	37	37	37	37	37	37	37	38	37	24	24	
KNRG	HY03	35	35	35	36	36	36	22	22	22	22	22	23	22	22	22	22	22	36	36	36	36	36	36	36	24	24	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	23	23	
KNYR	HY01	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
KNYR	HY02	103	104	104	104	104	104	104	103	104	103	103	103	103	104	104	103	103	104	104	104	104	104	104	104	104	104	104	104	103	103	103	103	103	104	104	104	104	103	104	104	103	104	103	104	103	104	103	104	104	
KNYR	HY03	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	
KNYR	HY04	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	100	100	99	99	100	100	100	100	100	99	99	100	101	99	99	99	99	99	99	101	100	97	97	97	97	98	98	98	98	98	98	97	98	98	
LPIA	HY01	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17		
LPIA	HY02	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16		
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	22	22	22	23	22	22	21	21	21	21	21	21	20	20	150	22	22	21	23	23	23	23	23	22	22	22	23	23	23	22	22	22	22	22	22	22	22	22	22	22	21	22	22	22	22	22	22	22	22	22
PGAU	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-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	-1		
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	
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	
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	
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	
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	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	
TMGR	HY01	34	32	34	34	33	33	-1	-1	0	0	-1	0	-1	-1	82	33	32	33	81	81	81	81	81	81	82	34	82	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	
TMGR	HY02	0	0	0	0	0	0	34	34	34	34	34	34	34	34	34	34	34	86	86	86	86	86	86	86	36	36	37	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	
TMGR	HY03	41	39	62	48	82	69	79	47	76	50	56	79	71	83	56	82	82	83	81	81	66	58	41	52	46	46	40	41	39	41	40	41	40	41	40	81	42	40	40	42	64	74	41	40	40	51	40	41	63	70
TMGR	HY04	33	30	33	33	32	32	32	32	-1	-1	-1	-1	-1	-1	-1	-1	-1	82	81	81	81	81	81	81	32	33	82	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	100	-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	-1		
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	5	
UPIA	HY02	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	
Total Hydro		874	866	895	883	914	900	792	757	757	729	738	762																																						

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																								
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	11	17	21	24	29	17	23	9	5	9	26	12	8	5	8	13	9	10	6	2	1	0	0	0	0	0	0	0	0	0		
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	18	33	51	66	80	88	98	97	100	59	78	33	100	18	32	63	47	38	34	9	16	12	3	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	5	10	15	19	25	27	30	20	31	23	32	6	12	4	12	30	19	9	20	4	7	4	1	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	8	15	22	30	36	41	30	16	48	51	26	19	51	48	4	3	3	2	7	5	3	2	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	9	42	71	81	80	92	90	41	39	22	78	41	75	102	86	7	0	5	3	24	13	6	4	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	6	19	32	52	78	78	91	64	76	94	111	85	96	111	112	77	77	47	46	30	4	10	10	4	4	0	0	0	0	0	0	0	0		
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	14	23	19	34	22	18	51	37	52	52	30	13	17	10	8	5	4	8	8	2	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	2	7	13	7	25	30	34	37	32	38	37	44	43	43	29	39	13	39	8	7	11	8	4	1	0	0	0	0	0	0	0	0			
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	8	12	14	17	21	21	15	8	11	11	11	26	29	26	16	4	0	0	0	1	1	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	3	17	18	27	12	29	30	30	30	30	30	30	24	21	21	19	11	11	24	11	4	2	0	0	0	0	0	0	0	0	0			
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	37	175	345	486	629	732	808	737	714	739	867	766	687	832	652	469	410	405	312	279	179	143	77	17	5	0	0	0	0	0	0	0	0	0	
KHTC	BLK1	5	3	4	3	3	4	3	1	1	4	4	4	4	7	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	2	3	6	2	2	5	5	
PCUF	CUFG	14	15	15	14	14	12	13	14	14	14	15	13	13	13	14	13	13	14	13	13	14	14	14	13	14	14	14	14	14	14	14	14	14	15	14	14	13	13	14	13	13	14	14	14	14			
PCUF	CUFK	5	6	7	6	3	6	3	4	6	4	7	5	4	4	5	4	5	4	4	5	4	4	5	6	5	6	4	4	4	4	4	4	3	4	4	4	5	5	5	3	3	4	3	5	5	5		
Total Co-Gen		24	24	26	24	20	24	18	18	21	22	25	24	21	24	22	20	19	20	18	18	17	18	19	18	20	19	20	18	17	17	18	17	17	18	18	18	20	21	20	21	18	20	23	18	21	24	24	
Total Gen		15419	14976	14494	14154	14155	13806	13643	13442	13226	13052	12986	13152	13319	13576	13373	13198	13664	14706	15311	15744	16160	16559	16734	16850	16697	16422	16405	16970	17279	17516	17592	17642	17667	17595	17195	16680	16186	15924	16224	17038	17128	17050	16951	16722	16431	16175	15888	15642
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		
TIE-HVDC		-28	-28	-30	-28	-28	-29	-29	-30	-30	-29	-28	-28	-30	-31	-98	-96	-97	-96	-97	-97	-100	-97	-97	-97	-97	-98	-97	-98	-98	-98	-98	-99	-99	-97	-100	-99	-98	-99	-98	-99	-99	-98	-97	-28	-28	-28		
TIE-PLTG		62	44	6	12	112	17	110	81	-2	22	41	50	56	82	45	60	31	13	45	46	51	44	105	126	92	9	124	138	172	155	147	110	146	124	138	129	171	119	105	95	108	127	119	99	142	32	-1	10
Interconnection		34	16	-24	-17	84	-12	81	52	-32	-8	13	22	27	51	14	-37	-66	-84	-51	-51	-46	-56	8	30	-4	-88	27	41	74	57	49	12	48	26	39	31	71	20	7	-4	10	28	20	1	45	3	-29	-18
System Total		15385	14960	14518	14171	14071	13818	13562	13390	13258	13060	12973	13130	13292	13525	13359	13235	13730	14790	15362	15795	16206	16615	16726	16820	16701	16510	16378	16929	17205	17459	17543	17630	17619	17569	17156	16649	16115	15904	16217	17042	17118	17022	16931	16721	16386	16172	15917	15660
SRev ST-Coal		83	213	226	225	238	233	240	228	539	586	607	594	594	596	520	508	460	165	93	106	107	105	113	107	102	102	107	148	103	118	105	101	111	110	175	276	234	190	271	136	105	150	147	126	125	101	86	76
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		1728	1897	1751	1674	1682	1874	1911	1951	1795	1860	1913	1779	1600	1353	1172	1340	1781	1553	1188	1405	1294	1026	915	872	888	1150	1201	974	871	798	546	446	492	569	1020	1376	1656	1849	1381	857	837	946	1048	1253	1433	1614	1681	1727
SRev ST-Gas		44	44	45	44	44	44	44	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		187	187	187	187	187	187	275	275	188	188	276	188	276	276	1	188	339	339	338	338	338	338	151	151	151	151	151	151	151	151	151	151	151	151	338	338	187	338	151	151	151	151	151	151	151	338	338	
Hydro		327	335	306	318	287	301	356	391	304	332	322	299	309	296	197	375	376	375	220	193	210	211	324	313	480	623	482	228	355	349	355	351	414	293	395	390	345	469	319	338	365	366	368	416	430	431	382	376
S.Reserve Total		2369	2676	2515	2448	2438	2639	2826	2890	2913	3053	3118	2947	2779	2521	1890	2411	2956	2432	1839	2042	1949	1680	1503	1443	1621	2026	1941	1501	1480	1416	1157	1049	1168	1123	1741	2380	2573	2695	2309	1482	1458	1613	1714	1946	2139	2297	2487	2517