

Availability at Daily Maximum Demand Hour

ST-Coal	2,970 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,607 MW
Hydro	1,659 MW
Distillate	0 MW
Total TNB	8,236 MW
Total IPP	10,244 MW
Total Co-Gen	0 MW
Total System	19,044 MW

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
CBPS	27	Total	0
GLGR	54		
PGPS	33		
SRDG	6		
TJGS	108		
Total TNB	228		
KLPP	94		
MPSS	44		
PDPS	2		
PGLA	114		
PKLG	2		
PLPS	91		
SGB3	41		
SGRI	172		
YPGS	28		
YPKA	111		
Total IPP	698		
Total Gas	926		
Total Gas Required	926		

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:30:00 Hour
Total Set On Bus	14,916 MW
TNB Generation	5,299 MW
IPP Generation	8,434 MW
Spinning Reserve	1,119 MW
Maximum Demand	13,921 MW
Net Energy	290,611 MWH
Load Factor	86.98 %

Generation Mix

Type	MWh	Percentage
ST-Coal	66,172	22.77 %
Gas	30,215	10.40 %
Hydro	9,114	3.14 %
Total TNB	105,501	36.30 %
ST-Coal	91,417	31.46 %
Gas	90,197	31.04 %
Total IPP	181,614	62.49 %
Co-Gen	1,469	0.51 %
Total Co-Gen	1,469	0.51 %
Total Generation	288,584	99.30 %
PLTG	-1,327	-0.46 %
HVDC	-700	-0.24 %
Interconnection	-2,027	-0.70 %
Net Energy	290,611	100.00 %

Fuel Cost

Total Cost:	36,135,492.63 RM
Cost per Unit	12.93 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	269
Hydro	279
Syncon	540
Thermal	50
Total	1,138

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

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	12886	12294	11862	11522	11188	11001	10973	10968	10334	10890	11489	11965	12051	12072	12302	12312	12506	12346	12030	12402	13796	13834	13734	13493

Daily MW Generation on Sunday

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 Gen		12845	12608	12213	12022	11731	11646	11417	11289	11112	11085	10979	11020	10915	11067	10925	10347	10202	10464	10776	11070	11330	11620	11925	12075	11990	12019	12061	12142	12218	12288	12240	12233	12414	12320	12270	12083	11905	11914	12263	13068	13671	13811	13741	13797	13598	13501	13433	13273		
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		-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-29	-30	-30	-29	-30	-30	-29	-30	-29	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-28	-28	-29	-29	-29	-30	-30	-30	-30	-28			
TIE-PLTG		-12	-88	-53	-72	-102	-74	-76	-107	-47	-25	7	-38	-29	-6	-13	3	-103	-57	-84	-39	-130	-58	-11	-76	-31	-45	18	-54	-55	-47	-43	-59	-62	-40	-46	-30	-97	-33	-111	-40	-96	-56	-64	-94	-107	-63	-30	-79		
Interconnection		-41	-117	-81	-101	-131	-104	-105	-136	-76	-54	-22	-66	-58	-36	-43	-26	-132	-87	-114	-67	-159	-88	-40	-104	-61	-74	-11	-83	-84	-75	-72	-88	-92	-70	-76	-59	-125	-61	-139	-69	-125	-85	-93	-124	-136	-93	-60	-108		
System Total		12886	12725	12294	12123	11862	11750	11522	11425	11188	11139	11001	11086	10973	11103	10968	10373	10334	10551	10890	11137	11489	11708	11965	12179	12051	12093	12072	12225	12302	12363	12312	12321	12506	12390	12346	12142	12030	11975	12402	13137	13796	13896	13834	13921	13734	13594	13493	13381		
SRev ST-Coal		59	18	49	38	19	41	53	39	38	58	43	39	30	27	14	161	334	341	199	53	52	55	59	29	53	36	62	13	44	44	40	45	10	48	35	44	39	37	59	36	134	42	32	135	34	29	100	93		
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	52	80	135	135	155	0	0	0
SRev CCGT-Gas		119	107	349	128	288	165	352	494	669	722	796	767	876	735	874	1365	1389	1151	977	796	515	445	239	145	361	231	246	143	290	235	322	258	192	409	369	502	759	783	822	302	235	199	226	179	248	70	63	41		
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 Co-Gen		-23	-22	-22	-23	-21	-21	-21	-22	-22	-23	-23	-21	-23	-23	-23	-24	-25	-21	-20	-19	-18	-17	-15	-13	-14	-13	-10	-10	-11	-10	-10	-12	-11	-12	-12	-13	-11	-13	-13	-11	-13	-13	-17	-20	-18	-18	-17	-20		
Syncon		726	525	827	827	827	827	827	827	827	827	827	827	827	827	827	827	676	827	827	827	827	575	726	726	575	827	827	827	827	726	726	676	676	575	575	827	827	827	827	474	151	151	151	151	151	151	539	539	625	
Hydro		112	333	122	74	79	96	126	127	130	387	132	122	129	121	137	178	167	283	135	117	99	267	104	101	241	106	80	80	96	155	231	249	219	257	108	120	89	160	446	712	527	546	548	539	648	182	185	89		
S.Reserve Total		993	961	1325	1044	1192	1108	1337	1465	1642	1669	1775	1734	1839	1687	1829	2507	2692	2430	2118	1774	1475	1325	1113	988	1216	1187	1205	1053	1145	1150	1259	1216	985	1277	1327	1480	1703	1794	1788	1190	1086	1005	1075	1119	1218	802	870	853		