

Availability at Daily Maximum Demand Hour

ST-Coal	2,950 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,937 MW
Hydro	1,695 MW
Distillate	0 MW
Total TNB	8,582 MW
Total IPP	9,282 MW
Total Co-Gen	76 MW
Total System	18,510 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	66,534	21.67 %
Gas	56,926	18.54 %
Hydro	9,292	3.03 %
Total TNB	132,752	43.23 %
ST-Coal	71,766	23.37 %
Gas	101,556	33.07 %
Total IPP	173,322	56.44 %
Co-Gen	1,380	0.45 %
Total Co-Gen	1,380	0.45 %
Total Generation	307,454	100.12 %

PLTG	-312	-0.10 %
EGAT	-33	-0.01 %
HVDC	727	0.24 %
Interconnection	382	0.12 %
Net Energy	307,072	100.00 %

Maximum Demand Record

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

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	15,258 MW
TNB Generation	6,199 MW
IPP Generation	7,780 MW
Spinning Reserve	1,211 MW
Maximum Demand	14,012 MW
Net Energy	307,072 MWH
Load Factor	91.31 %

Fuel Cost

Total Cost:	44,502,320.26 RM
Cost per Unit	14.92 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	395
Hydro	275
Syncon	539
Thermal	253
Total	1,462

Time	Weather	Temperature
Afternoon	Hot	0
Morning	Sunny	0

Gas Usage

Station	(mmscfd)
GLGR	59
PAKA	91
PGPS	40
SRDG	4
TJGS	222
Total TNB	416
KLPP	103
MPSS	32
PGLA	116
PLPS	103
SGB3	53
SGRI	203
SKSP	41
YPKA	137
Total IPP	789
Total Gas	1,205

Total Gas Required 1,205

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	13018	12364	11942	11656	11336	11290	11359	11212	11032	12229	12939	13721	13791	13553	13875	13878	13767	13330	12923	13045	13860	13797	13351	13216

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																											
PCUF	CUFK	26	25	27	29	29	32	26	28	29	27	30	29	29	29	29	29	29	28	29	29	29	28	29	28	29	29	27	25	25	24	25	24	26	26	26	25	27	24	26	26	26	25	26	28	31	31	29	30			
Total Co-Gen		63	60	62	65	65	69	63	63	64	61	65	65	65	64	65	64	64	65	66	65	64	63	65	64	69	71	68	66	66	68	71	73	78	79	78	25	27	24	27	26	26	25	26	26	28	31	31	29	30		
Total Gen		13042	12674	12348	12153	11954	11955	11648	11545	11357	11444	11338	11206	11381	11408	11236	11013	11063	11854	12241	12648	12993	13492	13741	13924	13767	13517	13546	13727	13859	14047	13886	13853	13744	13478	13332	12968	12917	12856	13062	13852	13920	13968	13847	13743	13454	13517	13242	12923			
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		30	30	30	30	31	31	31	31	31	31	31	30	30	30	30	30	30	30	31	31	30	30	30	30	30	31	31	29	29	31	31	31	31	31	31	30	30	30	30	31	31	30	30	31	31	30	30	31	30	30	
TIE-PLTG		-6	-21	-30	-19	-18	-47	-38	-17	-9	-1	18	-25	-9	-22	-6	17	1	8	-19	9	24	16	-10	-54	-54	-103	-38	-62	-45	6	-22	-16	-54	-12	-29	-28	-36	24	-13	-33	30	-4	20	12	72	53	-4	-11			
Interconnection		24	9	-19	11	12	-16	-8	14	21	29	48	5	22	9	24	48	31	38	12	40	54	46	20	-24	-24	-73	-7	-31	-16	35	8	14	-23	19	2	3	-6	54	17	-3	60	27	50	42	103	84	26	19			
System Total		13018	12665	12364	12142	11942	11971	11656	11531	11336	11415	11290	11201	11359	11399	11212	10965	11032	11816	12229	12608	12939	13446	13721	13948	13791	13590	13553	13758	13875	14012	13878	13859	13767	13459	13330	12965	12923	12802	13045	13855	13860	13941	13797	13701	13351	13433	13216	12904			
SRev ST-Coal		221	294	308	289	302	297	423	436	433	428	436	562	548	567	552	538	626	588	349	326	324	271	233	242	330	315	224	202	216	228	224	224	176	247	248	234	235	233	216	225	215	220	244	241	271	194	211	193			
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	
SRev CCGT-Gas		414	407	627	447	612	251	374	423	605	521	644	629	489	466	635	847	795	834	740	897	707	390	270	221	241	215	292	244	251	256	243	244	258	387	443	714	673	760	604	251	451	445	430	452	512	320	348	330			
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	0
SRev Co-Gen		13	16	14	11	11	7	13	13	12	15	11	11	11	12	11	12	12	11	10	11	12	13	11	12	7	5	8	10	10	8	5	3	-2	-3	-2	51	49	52	49	50	50	51	50	40	33	31	26	21			
Syncon		674	825	825	674	825	825	825	825	825	825	674	825	825	825	674	825	825	573	724	724	724	724	724	724	302	573	422	472	472	151	453	453	453	623	624	624	642	642	642	726	539	539	539	539	539	540	475	727			
Hydro		263	141	142	270	140	99	96	137	147	146	276	146	125	101	271	144	128	79	164	178	179	129	190	146	470	247	417	242	272	565	393	381	384	265	211	164	134	134	133	169	223	236	172	177	259	266	343	162			
S.Reserve Total		1585	1683	1916	1691	1890	1479	1751	1834	2022	1935	2041	2173	1998	1971	2143	2366	2386	2085	1987	2136	1946	1527	1428	1345	1350	1355	1363	1170	1221	1211	1321	1306	1370	1604	1609	1872	1818	1906	1729	1421	1533	1489	1433	1449	1699	1436	1403	1433			