

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	4,296 MW
Hydro	1,812 MW
Distillate	0 MW
Total TNB	7,558 MW
Total IPP	8,534 MW
Total Co-Gen	83 MW
System Total	16,745 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00

TNB Generation	4,833 MW
IPP Generation	6,535 MW
Total Set On Bus	12,367 MW
Maximum Demand	11,388 MW
Spinning Reserve	916 MW
Net Energy	232,624 MWH
Load Factor	85.1 %
Total Cost	35,927,027 RM
Cost per Unit	16.32 cents/kWH

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	10791	9974	9680	9389	9154	8891	8936	8733	8485	8660	9124	9381	9417	9320	9447	9537	9747	9736	9688	9983	11388	11289	11137	10898

Gas Usage

Station	(mmscfd)
GLGR	65
PGPS	57
SRDG	15
TJGS	189
TNB Total	326
KLPP	120
MPSS	6
PGLA	119
PLPS	125
PTEK	0
SGB3	71
SGRI	159
SKSP	57
YPGS	25
YPKA	51
IPP Total	733
Total Gas	1,059
Total Gas Required :	1,059
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	30,673.00	13.19 %
Gas	43,724.00	18.80 %
Hydro	12,641.00	5.43 %
Total TNB	87,038.0	37.42 %
ST-Coal	47,193.0	20.29 %
Gas	97,060.0	41.72 %
Total IPP	144,253.0	62.01 %
Co-Gen	2,016.0	0.87 %
Total Co-Gen	2,016.0	0.87 %
Total Generation	233,307.0	100.29 %
PLTG	-36.0	-0.02 %
HVDC	719.0	0.31 %
Interconnection	683.0	0.29 %
Net Energy	232,624.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	242
Hydro	121
Syncon	356
Thermal	141
Total	860

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	33

Daily MW Generation On Saturday

01-Feb-2014

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																							
SRev ST-Coal	30	45	35	32	190	184	171	183	194	180	282	310	305	301	304	305	306	305	298	302	326	296	249	261	279	268	277	246	212	205	206	208	205	208	210	204	214	212	183	45	36	50	36	37	45	41	58	65
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
SRev CCGT-Gas	114	226	270	202	32	92	354	94	170	57	118	134	242	224	284	516	465	405	250	183	103	159	271	507	419	273	188	153	142	260	199	164	154	150	126	302	226	558	790	473	277	320	281	310	242	304	312	291
SRev OCGT-Gas	157	139	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	92	65	61	103	64	59	29	29	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	
Syncon	172	172	323	323	731	731	731	474	625	731	731	429	474	625	625	731	731	625	625	625	625	474	474	474	0	474	474	625	474	474	731	731	580	580	580	580	580	731	625	474	323	323	323	323	323	323	323	474
Hydro	239	307	271	373	69	75	72	165	152	62	111	204	178	119	162	111	103	169	147	152	141	141	103	108	276	142	120	73	114	114	71	73	138	136	80	148	150	120	179	209	219	214	222	219	217	217	287	190
S.Reserve Total	712	889	946	930	1022	1082	1328	916	1141	1030	1242	1077	1199	1269	1375	1463	1605	1504	1320	1262	1195	1070	1097	1350	974	1157	1059	1097	942	1053	1207	1176	1077	1074	996	1234	1170	1621	1869	1266	916	1010	926	948	856	914	980	1020