

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,626 MW
Hydro	1,734 MW
Distillate	622 MW
Total TNB	8,052 MW
Total IPP	9,274 MW
Total Co-Gen	50 MW
System Total	17,376 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30	
TNB Generation	6,929 MW
IPP Generation	8,662 MW
Total Set On Bus	16,650 MW
Maximum Demand	15,664 MW
Spinning Reserve	1,009 MW
Net Energy	329,508 MWH
Load Factor	87.7 %
Total Cost	56,302,777 RM
Cost per Unit	17.70 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	13247	12459	12117	11839	11483	11491	11637	11740	12199	13888	14784	15405	15379	15055	15442	15588	15482	15111	14038	13989	14807	14667	14158	13491

Gas Usage

Station	(mmscfd)
CBPS	75
GLGR	66
PAKA	187
PGPS	0
SRDG	27
TJGS	217
TNB Total	572
KLPP	80
MPSS	58
PDPS	22
PGLA	112
PKLG	10
PLPS	107
PTEK	16
SGB3	56
SGRI	105
SKSP	18
YPGS	68
YPKA	129
IPP Total	781
Total Gas	1,352
Total Gas Required :	1,603
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
CBPS	7
KLPP	22
PDPS	12
PGGS	5
PGPS	50
PKLG	126
SGB3	21
SRDG	7
Total	251

Generation Mix

Type	MWh	Percentage
ST-Coal	48,889.00	14.84 %
Gas	73,768.00	22.39 %
Hydro	11,046.00	3.35 %
Distillate	7,894.00	2.40 %
Total TNB	141,597.0	42.97 %
ST-Coal	66,994.0	20.33 %
ST-Oil	12,380.0	3.76 %
Gas	100,182.0	30.40 %
Distillate	6,619.0	2.01 %
Total IPP	186,175.0	56.50 %
Co-Gen	1,298.0	0.39 %
Total Co-Gen	1,298.0	0.39 %
Total Generation	329,070.0	99.87 %
PLTG	-1,169.0	-0.35 %
HVDC	731.0	0.22 %
Interconnection	-438.0	-0.13 %
Net Energy	329,508.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	429
Hydro	295
Syncon	426
Thermal	85
Total	1235

Weather Temperature

Weather	Temperature
Morning	Sunny 27
Afternoon	Hot 32

Daily MW Generation On Tuesday
20-May-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																								
S.Reserve	Total	898	1354	1236	1370	1545	1792	1911	1948	2050	2063	2049	2093	1964	1715	1795	2031	1960	1572	1570	1075	1069	1128	1184	1009	1313	1359	1486	1410	1225	1414	1438	1276	1136	1190	1443	1198	1657	1916	1793	1168	1459	1289	1082	1133	1034	1078	1289	1261