

Availability At Daily Maximum Demand Hour

ST-Coal	1,970 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,135 MW
Hydro	1,904 MW
Distillate	95 MW
Total TNB	8,104 MW
Total IPP	11,397 MW
Total Co-Gen	22 MW
System Total	19,523 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	6,983 MW
IPP Generation	9,358 MW
Total Set On Bus	17,307 MW
Maximum Demand	16,443 MW
Spinning Reserve	944 MW
Net Energy	346,010 MWH
Load Factor	87.7 %
Total Cost	61,919,611 RM
Cost per Unit	19.00 cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0 MW
Date :	24/06/2014	355,911.0 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	14078	13581	12944	12632	12271	12335	12307	12019	12353	14207	15111	15727	15687	15405	16025	16350	16348	15744	14681	14490	15085	15525	15264	15047

Gas Usage

Station	(mmscfd)
CBPS	56
GLGR	61
PAKA	194
PGPS	35
SRDG	29
TJGS	212
TNB Total	588
KLPP	107
MPSS	61
PDPS	8
PGLA	96
PKLG	12
PLPS	90
PTEK	10
SGRI	173
SKSP	37
YPGS	67
YPKA	128
IPP Total	791
Total Gas	1,379
Total Gas Required :	1,454
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	16
PGLA	12
PGPS	9
PKLG	19
PLPS	11
SGRI	9
Total	75

Generation Mix

Type	MWh	Percentage
ST-Coal	47,172.00	13.63 %
Gas	75,544.00	21.83 %
Hydro	19,353.00	5.59 %
Distillate	1,086.00	0.31 %
Total TNB	143,155.0	41.37 %
ST-Coal	90,768.0	26.23 %
ST-Gas	768.0	0.22 %
ST-Oil	1,829.0	0.53 %
Gas	101,934.0	29.46 %
Distillate	6,069.0	1.75 %
Total IPP	201,368.0	58.20 %
Co-Gen	680.0	0.20 %
Total Co-Gen	680.0	0.20 %
Total Generation	345,203.0	99.77 %
PLTG	-108.0	-0.03 %
HVDC	-699.0	-0.20 %
Interconnection	-807.0	-0.23 %
Net Energy	346,010.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	510
Hydro	262
Syncon	210
Thermal	81
Total	1064

	Weather	Temperature
Morning	Sunny	26
Afternoon	Haze	35

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																								
Hydro		134	126	133	114	165	179	183	129	121	117	284	137	114	169	201	200	171	120	170	159	255	500	273	292	313	402	402	521	435	340	211	215	215	220	264	307	191	111	98	151	146	195	301	212	269	334	284	119
S.Reserve Total		1057	1020	892	1006	1018	1326	1500	1500	1783	1933	1967	2046	1999	1951	2192	2291	2677	1751	1423	1146	1221	1118	1025	956	1030	1081	1239	1196	1042	905	1005	944	1009	1168	1288	1457	1578	1494	1601	1387	1060	864	962	962	1069	1029	1048	1130