

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,237 MW
Hydro	1,714 MW
Distillate	0 MW
Total TNB	8,021 MW
Total IPP	9,605 MW
Total Co-Gen	40 MW
Total System	17,666 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,464	16.64 %
Gas	70,023	24.04 %
Hydro	10,948	3.76 %
Total TNB	129,435	44.45 %
ST-Coal	90,803	31.18 %
ST-Gas	3,289	1.13 %
ST-Oil	1,922	0.66 %
Gas	64,574	22.17 %
Total IPP	160,588	55.14 %
Co-Gen	1,947	0.67 %
Total Co-Gen	1,947	0.67 %
Total Generation	291,970	100.26 %
PLTG	22	0.01 %
HVDC	728	0.25 %
Interconnection	750	0.26 %
Net Energy	291,220	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:	20:00:00 Hour
Total Set On Bus	14,975 MW
TNB Generation	5,772 MW
IPP Generation	7,991 MW
Spinning Reserve	1,132 MW
Maximum Demand	13,802 MW
Net Energy	291,220 MWH
Load Factor	87.91 %

Fuel Cost

Total Cost:	39,066,079.04 RM
Cost per Unit	13.90 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	360
Hydro	253
Syncon	273
Thermal	123
Total	1,009

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	24

Gas Usage

Station	(mmscfd)
CBPS	10
CBPS	59
GLGR	58
PAKA	124
PGPS	53
SRDG	18
TJGS	213
Total TNB	535

KLPP	112
MPSS	61
PDPS	8
PGLA	1
PKLG	3
PLPS	101
PTEK	9
SGRI	150
SKSP	47
YPKA	27
PKLG	34
Total IPP	553

Total Gas	1,088
Total Gas Required	1,107

Alternate Fuel Usage

Station	(mmscfd)
PKLG	19
Total	19

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	12550	11838	11480	11238	10913	10644	10590	10442	10265	11168	12031	12703	12543	12425	12714	12902	12803	12547	12304	12928	13803	13586	13250	12919

(Gurcharan Singh)

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Jabatan Sistem Operasi

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Daily MW Generation on Saturday

Table with columns for Station, Unit, and hourly generation (0000-2300) for various power plants including SGRI, YPKA, PLPS, TJGS, CBPS, PDPs, PKLG, PTEK, SRDG, BSA, CEND, KNRG, and KNYR. It includes sub-totals for CCGT-Gas and a detailed hourly breakdown for each station.

