

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,286 MW
Hydro	2,482 MW
Distillate	0 MW
Total TNB	5,768 MW
Total IPP	13,980 MW
Total Co-Gen	0 MW
Total System	20,030 MW

Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	54
PAKA	200
PGPS	51
SRDG	14
TJGS	15
TJGS	107
Total TNB	488
CBPS	55
KLPP	99
MPSS	52
NPRI	153
PGLA	110
PLPS	86
PTEK	9
SGB3	38
SGRI	182
SKSP	54
Total IPP	837
Total Gas	1,325
Total Gas Required	1,325

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	17,499 MW
TNB Generation	4,078 MW
IPP Generation	12,089 MW
Spinning Reserve	1,264 MW
Maximum Demand	16,211 MW
Net Energy	345,674 MWH
Load Factor	88.85 %

Generation Mix

Type	MWh	Percentage
Gas	62,460	18.07 %
Hydro	19,472	5.63 %
Total TNB	81,932	23.70 %
ST-Coal	149,448	43.23 %
Gas	113,111	32.72 %
Total IPP	262,559	75.96 %
Co-Gen	1,675	0.48 %
Total Co-Gen	1,675	0.48 %
Total Generation	346,166	100.14 %
PLTG	-233	-0.07 %
HVDC	725	0.21 %
Interconnection	492	0.14 %
Net Energy	345,674	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	284
Hydro	362
Syncon	619
Thermal	152
Total	1,417

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	28

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	14073	13430	12878	12522	12271	12008	12323	12324	12655	14388	15250	16000	15937	15490	15929	16155	16211	15809	14682	14466	15560	15426	15102	14583

Prepared By: -Select Name-

Checked By: -Select Name-

(Gurcharan Singh)
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Pengurus Besar Kanan
Jabatan Sistem Operasi

