

Daily System Generation Summary on Friday

Friday, August 02, 2019

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,743 MW
Distillate	0 MW
Total TNB	1,743 MW
Total IPP	17,247 MW
Total Co-Gen	0 MW
Total System	22,069 MW

Generation Mix

Type	MWh	Percentage
Hydro	10,738	2.93 %
Gas	35,606	9.71 %
Total TNB	46,344	12.64 %
ST-Coal	208,174	56.78 %
LSS	1,850	0.50 %
Gas	108,226	29.52 %
Total IPP	318,250	86.80 %
Co-Gen	1,486	0.41 %
Total Co-Gen	1,486	0.41 %
Total Generation	366,080	99.85 %
PLTG	144	0.04 %
HVDC	-696	-0.19 %
Interconnection	-552	-0.15 %
Net Energy	366,632	100.00 %

Maximum Demand Record

Date: 4/18/2019	18,566 MW
Date: 4/18/2019	391,845 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	18,317 MW
TNB Generation	2,290 MW
IPP Generation	14,821 MW
Spinning Reserve	1,150 MW
Maximum Demand	17,242 MW
Net Energy	366,632 MWH
Load Factor	88.60 %

Fuel Cost

Total Cost:	71,205,860.89 RM
Cost per Unit	19.44 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	754
Hydro	325
Syncon	290
Thermal	151
Total	1,520

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	48
SRDG	3
TJGS	206
Total TNB	256
CBPS	50
KLPP	92
NPRI	151
PGLA	107
PLPS	80
PTEK	3
SGB3	35
SGRI	75
SKSP	52
YPKA	62
Total IPP	708
Total Gas	964
Total Gas Required	964

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	15362	14530	14030	13455	13108	12822	13033	13039	13299	14941	15824	16425	16381	15982	16323	17069	17242	16996	15931	15634	16681	16624	16118	15931

Prepared By: -Select Name-

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(Ir. Shanmugam Thoppalan)
Pengurus Besar Kanan
Jabatan Sistem Operasi

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