

Daily System Generation Summary on Saturday

Saturday, November 17, 2018

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,094 MW
Hydro	2,304 MW
Distillate	0 MW
Total TNB	4,398 MW
Total IPP	16,169 MW
Total Co-Gen	0 MW
Total System	21,139 MW

Generation Mix

Type	MWh	Percentage
Gas	22,136	6.42 %
Hydro	10,012	2.90 %
Total TNB	32,148	9.32 %
ST-Coal	222,101	64.40 %
Gas	88,558	25.68 %
Total IPP	310,659	90.07 %
Co-Gen	981	0.28 %
Total Co-Gen	981	0.28 %
Total Generation	343,788	99.68 %
PLTG	-399	-0.12 %
HVDC	-703	-0.20 %
Interconnection	-1,102	-0.32 %
Net Energy	344,890	100.00 %

Maximum Demand Record

Date: 8/15/2018	18,338 MW
Date: 8/15/2018	388,524 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	19:30:00 Hour
Total Set On Bus	17,212 MW
TNB Generation	1,974 MW
IPP Generation	13,863 MW
Spinning Reserve	1,333 MW
Maximum Demand	15,903 MW
Net Energy	344,890 MWH
Load Factor	90.36 %

Fuel Cost

Total Cost:	66,186,997.38 RM
Cost per Unit	19.83 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	287
Hydro	343
Syncon	875
Thermal	251
Total	1,756

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
GLGR	51
TJGS	109
Total TNB	160
CBPS	39
KLPP	73
MPSS	39
NPRI	78
PGLA	94
PLPS	93
SGB3	61
SKSP	49
YPKA	29
Total IPP	556
Total Gas	716
Total Gas Required	716

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	14668	14106	13517	13283	12822	12630	12657	12555	12490	13661	14580	15224	15201	14903	15170	15348	15390	15109	14714	15288	15788	15516	15316	14902

Prepared By: -Select Name-

Checked By: -Select Name-

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

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