

Daily System Generation Summary on Thursday

Thursday, November 15, 2018

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,094 MW
Hydro	2,454 MW
Distillate	0 MW
Total TNB	4,548 MW
Total IPP	16,714 MW
Total Co-Gen	0 MW
Total System	21,834 MW

Generation Mix

Type	MWh	Percentage
Gas	22,289	6.21 %
Hydro	14,178	3.95 %
Total TNB	36,467	10.17 %
ST-Coal	225,353	62.83 %
Gas	94,847	26.45 %
Total IPP	320,200	89.28 %
Co-Gen	924	0.26 %
Total Co-Gen	924	0.26 %
Total Generation	357,591	99.70 %
PLTG	-363	-0.10 %
HVDC	-699	-0.19 %
Interconnection	-1,062	-0.30 %
Net Energy	358,653	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:	14:30:00 Hour
Total Set On Bus	18,025 MW
TNB Generation	2,309 MW
IPP Generation	14,524 MW
Spinning Reserve	1,154 MW
Maximum Demand	16,998 MW
Net Energy	358,653 MWH
Load Factor	87.92 %

Fuel Cost

Total Cost:	68,481,366.75 RM
Cost per Unit	19.94 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	360
Hydro	454
Syncon	560
Thermal	193
Total	1,567

Time	Weather	Temperature
Afternoon	Hot	28
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
GLGR	52
TJGS	108
Total TNB	160
KLPP	95
MPSS	42
NPRI	76
PGLA	90
PLPS	92
PTEK	3
SGB3	84
SKSP	52
YPKA	78
Total IPP	611
Total Gas	771
Total Gas Required	771

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	14212	13575	13127	12808	12583	12444	12816	12906	13368	15103	15790	16591	16461	16176	16621	16844	16811	16485	15626	15985	16068	15832	15220	14686

Prepared By: -Select Name-

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

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