

Daily System Generation Summary on Sunday

Sunday, November 18, 2018

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,094 MW
Hydro	1,932 MW
Distillate	0 MW
Total TNB	4,026 MW
Total IPP	16,369 MW
Total Co-Gen	63 MW
Total System	21,030 MW

Generation Mix

Type	MWh	Percentage
Gas	21,560	6.62 %
Hydro	10,270	3.15 %
Total TNB	31,830	9.78 %
ST-Coal	216,425	66.48 %
Gas	74,632	22.93 %
Total IPP	291,057	89.41 %
Co-Gen	1,383	0.42 %
Total Co-Gen	1,383	0.42 %
Total Generation	324,270	99.61 %
PLTG	-568	-0.17 %
HVDC	-700	-0.22 %
Interconnection	-1,268	-0.39 %
Net Energy	325,538	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:	20:30:00 Hour
Total Set On Bus	16,483 MW
TNB Generation	1,788 MW
IPP Generation	13,303 MW
Spinning Reserve	1,336 MW
Maximum Demand	15,204 MW
Net Energy	325,538 MWH
Load Factor	89.21 %

Fuel Cost

Total Cost:	66,186,997.38 RM
Cost per Unit	19.80 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	183
Hydro	408
Syncon	753
Thermal	246
Total	1,590

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	0

Gas Usage

Station	(mmscfd)
GLGR	50
TJGS	106
Total TNB	157
CBPS	52
KLPP	47
MPSS	2
NPRI	76
PGLA	109
PLPS	81
SGB3	53
SKSP	7
YPKA	27
Total IPP	454
Total Gas	610
Total Gas Required	610

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	14448	13721	13351	12929	12626	12474	12362	11958	11696	12245	12929	13545	13597	13656	13958	14076	14215	13942	13705	14525	15081	15102	14929	14632

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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