

Daily System Generation Summary on Friday

Friday, January 05, 2018

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,636 MW
Hydro	2,507 MW
Distillate	0 MW
Total TNB	<u>5,143 MW</u>
Total IPP	<u>15,546 MW</u>
Total Co-Gen	0 MW
Total System	<u>21,253 MW</u>

Maximum Demand Record

Date: 10/23/2017	17,790 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	19:30:00 Hour
Total Set On Bus	16,601 MW
TNB Generation	2,587 MW
IPP Generation	12,582 MW
Spinning Reserve	1,366 MW
Maximum Demand	15,244 MW
Net Energy	329,068 MWH
Load Factor	89.94 %

Gas Usage

Station	(mmscfd)
GLGR	23
TJGS	206
Total TNB	229
CBPS	52
KLPP	90
NPRI	152
PGLA	105
PLPS	83
SGRI	50
SKSP	46
YPKA	73
Total IPP	652
Total Gas	880
Total Gas Required	880

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
Gas	32,950	10.01 %
Hydro	15,783	4.80 %
Total TNB	48,733	14.81 %
ST-Coal	178,697	54.30 %
Gas	100,137	30.43 %
Total IPP	278,834	84.73 %
Co-Gen	1,567	0.48 %
Total Co-Gen	1,567	0.48 %
Total Generation	329,134	100.02 %
PLTG	-662	-0.20 %
HVDC	728	0.22 %
Interconnection	66	0.02 %
Net Energy	329,068	100.00 %

Fuel Cost

Total Cost:	58,417,060.63 RM
Cost per Unit	18.64 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	501
Hydro	387
Syncon	767
Thermal	133
Total	1,788

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

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	13184	12608	12138	11828	11610	11533	11913	11972	12374	13897	14658	15083	14982	14344	14519	14995	15079	15010	14197	14229	15110	14908	14200	13688

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Jabatan Sistem Operasi

