

## Daily System Generation Summary on Sunday

Sunday, October 01, 2017

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,636 MW
Hydro	2,063 MW
Distillate	0 MW
Total TNB	4,699 MW
Total IPP	15,330 MW
Total Co-Gen	70 MW
Total System	20,663 MW

### 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:	20:30:00 Hour
Total Set On Bus	15,839 MW
TNB Generation	2,522 MW
IPP Generation	11,839 MW
Spinning Reserve	1,416 MW
Maximum Demand	14,465 MW
Net Energy	308,760 MWH
Load Factor	88.94 %

### Gas Usage

Station	(mmscfd)
GLGR	27
TJGS	211
<b>Total TNB</b>	<b>239</b>
CBPS	54
NPRI	149
PGLA	81
PLPS	56
SGB3	34
SGRI	13
YPKA	52
<b>Total IPP</b>	<b>439</b>
<b>Total Gas</b>	<b>678</b>
<b>Total Gas Required</b>	<b>678</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### Generation Mix

Type	MWh	Percentage
Gas	34,119	11.05 %
Hydro	16,754	5.43 %
<b>Total TNB</b>	<b>50,873</b>	<b>16.48 %</b>
ST-Coal	187,456	60.71 %
Gas	69,115	22.38 %
<b>Total IPP</b>	<b>256,571</b>	<b>83.10 %</b>
Co-Gen	1,392	0.45 %
<b>Total Co-Gen</b>	<b>1,392</b>	<b>0.45 %</b>
<b>Total Generation</b>	<b>308,836</b>	<b>100.02 %</b>
PLTG	-649	-0.21 %
HVDC	725	0.23 %
Interconnection	76	0.02 %
<b>Net Energy</b>	<b>308,760</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	50,983,235.58 RM
Cost per Unit	17.45 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	572
Hydro	215
Syncon	674
Thermal	280
<b>Total</b>	<b>1,741</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

### 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	13664	13165	12640	12279	11987	11629	11846	11479	11121	11756	12435	13071	13134	13015	13216	13275	13167	12941	12756	13514	14240	14416	14310	13730

Prepared By: -Select Name-

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