

## Daily System Generation Summary on Tuesday

Tuesday, January 23, 2018

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,318 MW
Hydro	2,321 MW
Distillate	0 MW
Total TNB	4,639 MW
Total IPP	14,191 MW
Total Co-Gen	57 MW
Total System	19,451 MW

### Generation Mix

Type	MWh	Percentage
Gas	38,965	11.23 %
Hydro	34,681	10.00 %
<b>Total TNB</b>	<b>73,646</b>	<b>21.23 %</b>
ST-Coal	171,691	49.49 %
Gas	100,194	28.88 %
<b>Total IPP</b>	<b>271,885</b>	<b>78.38 %</b>
Co-Gen	1,410	0.41 %
<b>Total Co-Gen</b>	<b>1,410</b>	<b>0.41 %</b>
<b>Total Generation</b>	<b>346,941</b>	<b>100.01 %</b>
PLTG	134	0.04 %
HVDC	-85	-0.02 %
<b>Interconnection</b>	<b>49</b>	<b>0.01 %</b>
<b>Net Energy</b>	<b>346,892</b>	<b>100.00 %</b>

### 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:	14:30:00 Hour
Total Set On Bus	17,507 MW
TNB Generation	3,949 MW
IPP Generation	12,532 MW
Spinning Reserve	968 MW
Maximum Demand	16,547 MW
Net Energy	346,892 MWH
Load Factor	87.35 %

### Fuel Cost

Total Cost:	60,101,468.11 RM
Cost per Unit	19.25 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	773
Hydro	582
Syncon	101
Thermal	123
<b>Total</b>	<b>1,579</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
CBPS	42
GLGR	51
PAKA	17
PGPS	37
SRDG	8
TJGS	149
<b>Total TNB</b>	<b>304</b>

CBPS	52
KLPP	69
MPSS	45
NPRI	150
PDPS	2
PGLA	106
PKLG	5
PLPS	83
PTEK	14
SGB3	53
SGRI	49
SKSP	45
YPKA	27
<b>Total IPP</b>	<b>700</b>
<b>Total Gas</b>	<b>1,004</b>

**Total Gas Required 1,004**

### Alternate Fuel Usage

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

### 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	13839	13005	12667	12262	12024	12072	12361	12466	12834	14502	15448	16044	15995	15589	16046	16482	16379	15926	15039	14923	15742	15617	14901	14284

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