

## Daily System Generation Summary on Thursday

Thursday, October 27, 2016

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,202 MW
Hydro	1,921 MW
Distillate	0 MW
Total TNB	5,123 MW
Total IPP	14,375 MW
Total Co-Gen	60 MW
Total System	19,558 MW

### Generation Mix

Type	MWh	Percentage
Gas	64,579	18.73 %
Hydro	6,775	1.97 %
<b>Total TNB</b>	<b>71,354</b>	<b>20.70 %</b>
ST-Coal	193,296	56.07 %
ST-Gas	4,967	1.44 %
Gas	74,140	21.51 %
<b>Total IPP</b>	<b>272,403</b>	<b>79.01 %</b>
Co-Gen	1,146	0.33 %
<b>Total Co-Gen</b>	<b>1,146</b>	<b>0.33 %</b>
<b>Total Generation</b>	<b>344,903</b>	<b>100.04 %</b>
PLTG	-577	-0.17 %
HVDC	724	0.21 %
<b>Interconnection</b>	<b>147</b>	<b>0.04 %</b>
<b>Net Energy</b>	<b>344,756</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 4/20/2016	17,788 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	17,709 MW
TNB Generation	3,467 MW
IPP Generation	12,733 MW
Spinning Reserve	1,460 MW
Maximum Demand	16,301 MW
Net Energy	344,756 MWH
Load Factor	88.12 %

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	445
Hydro	310
Syncon	686
Thermal	138
<b>Total</b>	<b>1,579</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
CBPS	43
GLGR	14
PAKA	197
PGPS	24
SRDG	18
TJGS	204
<b>Total TNB</b>	<b>499</b>
KLPP	90
MPSS	40
NPRI	70
PGLA	12
PLPS	90
PTEK	15
SGB3	35
SGRI	183
SKSP	55
PKLG	49
<b>Total IPP</b>	<b>639</b>
<b>Total Gas</b>	<b>1,138</b>
<b>Total Gas Required</b>	<b>1,138</b>

### 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	13888	13412	12947	12550	12258	12077	12227	12153	12608	14360	15378	16123	15997	15621	16003	16289	16112	15755	14726	14930	15355	15099	14551	14088

Prepared By: Ibrahim bin Said

Checked By: Abu Bakar bin K.K. Ibrahim

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(Gurcharan Singh)  
Pengurus Besar Kanan  
Jabatan Sistem Operasi





Daily MW Generation on Thursday

Table with columns: Station, Unit, 0000, 0100, 0200, 0300, 0400, 0500, 0600, 0700, 0800, 0900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300. Rows include various power stations like SGB3, SGRI, TJGS, GLGR, PTEK, SRDC, BSIA, CEND, KNRG, KNYR, LPJA, PGAU, SIHY, SYPS, and TMGR.

