

## Daily System Generation Summary on Thursday

Thursday, June 16, 2016

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,744 MW
Hydro	2,035 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,779 MW</b>
<b>Total IPP</b>	<b>14,981 MW</b>
<b>Total Co-Gen</b>	<b>27 MW</b>
<b>Total System</b>	<b>21,069 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	49,410	13.99 %
Hydro	11,318	3.21 %
<b>Total TNB</b>	<b>60,728</b>	<b>17.20 %</b>
ST-Coal	194,520	55.09 %
Gas	95,231	26.97 %
<b>Total IPP</b>	<b>289,751</b>	<b>82.06 %</b>
Co-Gen	237	0.07 %
<b>Total Co-Gen</b>	<b>237</b>	<b>0.07 %</b>
<b>Total Generation</b>	<b>350,716</b>	<b>99.33 %</b>
PLTG	-784	-0.22 %
HVDC	-1,579	-0.45 %
<b>Interconnection</b>	<b>-2,363</b>	<b>-0.67 %</b>
<b>Net Energy</b>	<b>353,079</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:	15:30:00 Hour
Total Set On Bus	17,769 MW
TNB Generation	3,411 MW
IPP Generation	13,074 MW
Spinning Reserve	1,284 MW
Maximum Demand	16,710 MW
Net Energy	353,079 MWH
Load Factor	88.04 %

### Fuel Cost

### Average Spinning Reserve During Peak Hour

Type	MW
GT	376
Hydro	244
Syncon	644
Thermal	152
<b>Total</b>	<b>1,416</b>

### Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
GLGR	53
PAKA	42
PGPS	50
SRDG	5
TJGS	211
<b>Total TNB</b>	<b>361</b>
CBPS	51
KLPP	93
MPSS	57
NPRI	146
PGLA	106
PLPS	89
PTEK	6
SGRI	156
<b>Total IPP</b>	<b>703</b>
<b>Total Gas</b>	<b>1,063</b>
<b>Total Gas Required</b>	<b>1,063</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	14394	13777	13247	12840	12525	12489	12509	12169	12824	14584	15531	16108	16108	15822	16457	16666	16603	16048	15163	14980	15532	15671	15353	15083

Prepared By: Ibrahim bin Said

Checked By: Siti Nurhamizatul Aini

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(Gurcharan Singh)  
Pengurus Besar Kanan  
Jabatan Sistem Operasi





**Daily MW Generation on Thursday**

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
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFK	14	15	13	13	13	12	12	13	12	13	14	13	14	14	10	2	0	0	0	0	0	0	0	0
Total Co-Gen		14	15	13	13	13	12	13	12	13	14	13	14	14	10	2	0	0	0	0	0	0	0	0	0
Total Gen		14291	14011	13719	13399	13190	12992	12785	12629	12499	12626	12428	12436	12434	12451	12185	12156	12757	13798	14488	15045	15414	15852	15954	16050
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		-28	-29	-29	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-28	-29	-148	-145	-148	-145	-145	-148	-145	-145
TIE-PLTG		-75	-73	-30	-31	-27	-26	-26	-28	3	-12	-32	-10	-46	-8	45	-1	-38	-51	-67	-57	-89	-28	-6	-72
Interconnection		-103	-101	-58	-62	-57	-55	-55	-57	-26	-41	-61	-39	-75	-37	16	-30	-67	-80	-96	-87	-117	-57	-154	-218
System Total		14394	14112	13777	13461	13247	13047	12840	12686	12525	12667	12489	12475	12509	12488	12169	12186	12824	13878	14584	15132	15531	15909	16108	16268
SRev ST-Coal		230	238	242	240	224	227	231	236	231	237	225	223	220	232	232	225	208	220	223	190	175	181	170	183
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		451	687	952	1277	1440	1621	1848	1983	2114	1986	2194	2206	2192	2162	2420	2477	1878	822	834	445	195	273	352	246
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		13	12	14	14	14	15	15	14	15	14	13	14	13	13	14	13	14	13	17	25	27	27	27	27
Syncon		952	952	952	952	952	801	952	952	952	952	801	952	952	952	952	700	765	765	639	675	826	639	538	302
Hydro		140	139	145	144	145	145	273	144	145	140	143	275	144	146	149	276	141	143	133	145	36	192	106	102
S.Reserve Total		1786	2028	2305	2627	2775	2960	3168	3329	3457	3329	3527	3519	3521	3505	3766	3793	3192	2151	2155	1745	1375	1371	1420	1323