

## Daily System Generation Summary on Saturday

Saturday, October 03, 2015

### Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,962 MW
Hydro	1,776 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,818 MW</b>
<b>Total IPP</b>	<b>8,667 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,055 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	68,138	21.67 %
Gas	62,506	19.88 %
Hydro	12,809	4.07 %
<b>Total TNB</b>	<b>143,453</b>	<b>45.63 %</b>
ST-Coal	91,436	29.08 %
Gas	77,603	24.68 %
<b>Total IPP</b>	<b>169,039</b>	<b>53.76 %</b>
Co-Gen	1,263	0.40 %
<b>Total Co-Gen</b>	<b>1,263</b>	<b>0.40 %</b>
<b>Total Generation</b>	<b>313,755</b>	<b>99.79 %</b>
PLTG	39	0.01 %
HVDC	-699	-0.22 %
<b>Interconnection</b>	<b>-660</b>	<b>-0.21 %</b>
<b>Net Energy</b>	<b>314,415</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	19:30:00 Hour
Total Set On Bus	15,529 MW
TNB Generation	6,856 MW
IPP Generation	7,781 MW
Spinning Reserve	839 MW
Maximum Demand	14,690 MW
Net Energy	314,415 MWH
Load Factor	89.18 %

### Fuel Cost

Total Cost:	43,588,650.35 RM
Cost per Unit	14.48 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	420
Hydro	209
Syncon	577
Thermal	115
<b>Total</b>	<b>1,321</b>

Time	Weather	Temperature
Afternoon	Cloudy	35
Morning	Cloudy	26

### Gas Usage

Station	(mmscfd)
CBPS	2
CBPS	6
GLGR	54
PAKA	139
PGPS	42
SRDG	12
TJGS	213
<b>Total TNB</b>	<b>468</b>
KLPP	37
MPSS	49
PDPS	10
PGLA	112
PKLG	7
PLPS	102
PTEK	4
SGB3	92
SGRI	152
SKSP	49
<b>Total IPP</b>	<b>615</b>
<b>Total Gas</b>	<b>1,084</b>
<b>Total Gas Required</b>	<b>1,084</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	13198	12682	12235	11824	11587	11437	11470	11203	11215	12560	13190	13935	13923	13669	13959	14050	14046	13622	13399	13801	14689	14575	14152	13888

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Checked By: -Select Name-

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(Gurcharan Singh)  
Pengurus Besar Kanan  
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**Daily MW Generation on Saturday**

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
PGAU	HY04	21	-1	-1	-1	-1	30	29	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	36	37	37	36	35	35	34	36	37	35	36	36	36	38	34	37	38	36	38	33	36	41	37	37
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPLA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPLA	HY02	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total Hydro		536	490	489	395	299	294	217	235	206	223	205	204	203	205	166	228	206	203	206	175	279	445	624	698
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	CUFG	34	32	33	33	33	34	33	32	34	33	33	34	34	33	32	31	30	30	29	29	29	28	29	29
PCUF	CUFK	24	23	23	24	24	23	23	22	24	22	23	23	24	24	23	23	24	22	22	20	19	18	20	18
Total Co-Gen		58	55	56	57	57	56	57	55	56	56	56	56	58	56	57	58	57	56	53	52	50	50	48	49
Total Gen		13139	12930	12636	12433	12163	11995	11767	11658	11518	11502	11389	11389	11396	11499	11173	11054	11185	11833	12475	12779	13167	13578	13853	
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		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-30	67	-18	-15	-43	-19	-28	2	-40	41	-19	-13	-44	-3	-1	-29	-1	35	-55	-14	6	78	-53	
Interconnection		-59	39	-46	-44	-72	-48	-57	-27	-69	11	-48	-43	-74	-31	-30	-58	-30	5	-85	-44	-23	49	-82	
System Total		13198	12891	12682	12477	12235	12043	11824	11685	11587	11491	11437	11432	11470	11530	11203	11112	11215	11828	12560	12823	13190	13529	13935	
SRev ST-Coal		35	46	13	34	18	52	140	110	91	46	46	28	26	26	48	171	182	207	160	190	200	112	103	
SRev CCGT-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		313	382	465	554	694	675	843	888	1132	1227	1322	1339	1335	1232	1498	1707	1542	1103	863	623	328	169	309	
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		-14	-11	-12	-13	-13	-12	-13	-11	-12	-12	-12	-12	-14	-12	-13	-14	-13	-12	-12	-9	-8	-6	-4	-5
Syncon		474	625	625	726	726	726	676	676	827	676	827	827	827	827	676	827	827	827	827	726	474	625	625	
Hydro		234	104	105	98	94	99	226	208	86	220	87	88	89	87	126	215	86	89	86	107	104	290	197	
S.Reserve Total		1042	1146	1196	1399	1519	1540	1872	1871	2124	2157	2270	2270	2263	2160	2486	2755	2624	2314	1924	1736	1350	1039	1234	