

## Daily System Generation Summary on Thursday

Thursday, May 26, 2016

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,384 MW
Hydro	1,760 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,144 MW</b>
<b>Total IPP</b>	<b>13,581 MW</b>
<b>Total Co-Gen</b>	<b>27 MW</b>
<b>Total System</b>	<b>18,752 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	66,974	18.78 %
Hydro	13,164	3.69 %
<b>Total TNB</b>	<b>80,138</b>	<b>22.47 %</b>
ST-Coal	174,143	48.83 %
ST-Gas	7,205	2.02 %
Gas	93,726	26.28 %
<b>Total IPP</b>	<b>275,074</b>	<b>77.12 %</b>
Co-Gen	784	0.22 %
<b>Total Co-Gen</b>	<b>784</b>	<b>0.22 %</b>
<b>Total Generation</b>	<b>355,996</b>	<b>99.81 %</b>
PLTG	27	0.01 %
HVDC	-696	-0.20 %
<b>Interconnection</b>	<b>-669</b>	<b>-0.19 %</b>
<b>Net Energy</b>	<b>356,665</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:	15:00:00 Hour
Total Set On Bus	18,367 MW
TNB Generation	4,293 MW
IPP Generation	12,515 MW
Spinning Reserve	1,541 MW
Maximum Demand	16,855 MW
Net Energy	356,665 MWH
Load Factor	88.17 %

### Fuel Cost

Total Cost:	51,079,542.35 RM
Cost per Unit	14.90 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	526
Hydro	556
Syncon	153
Thermal	197
<b>Total</b>	<b>1,432</b>

Time	Weather	Temperature
Afternoon	Cloudy	34
Morning	Cloudy	28

### Gas Usage

Station	(mmscfd)
CBPS	48
GLGR	56
PAKA	193
PGGS	6
PGPS	41
SRDG	27
TJGS	163
<b>Total TNB</b>	<b>534</b>

CBPS	52
KLPP	71
MPSS	52
NPRI	4
PDPS	17
PGLA	104
PKLG	20
PLPS	97
PTEK	40
SGB3	89
SGRI	159
SKSP	53
PKLG	71
<b>Total IPP</b>	<b>829</b>
<b>Total Gas</b>	<b>1,364</b>

**Total Gas Required** 1,364

### 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	14572	13762	13341	12854	12461	12220	12424	12349	12819	14678	15611	16194	16209	15884	16459	16855	16845	16449	15343	15146	16254	16205	15758	15380

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**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	
HTRG	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	
HTRG	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	64	124	124	124	124	0	0	0	0	0	62
KNRG	HY01	23	22	22	23	23	22	23	23	23	23	23	23	23	23	22	23	22	22	22	22	0	0	0	0	
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	22	22	22	21	22	23	23	
KNRG	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	21	21	21	20	
KNYR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	96	96	95	96	94	55	54	52	97	97	96	98	97	100	97	97	
KNYR	HY02	50	51	48	55	52	50	50	48	49	52	91	91	89	57	54	62	55	53	71	60	59	55	58	100	
KNYR	HY04	58	57	54	75	55	55	58	54	59	64	92	92	90	56	52	57	52	52	69	58	53	89	55	65	
LPLA	HY01	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
MNOR	HY01	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4	4	4	4	4	3	3	3	
PGAU	HY02	24	22	25	24	25	23	18	25	25	23	24	25	24	20	25	25	29	24	21	26	83	82	82	79	
PGAU	HY03	23	23	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	25	19	21	22	23	27	18	21	27	17	
PGAU	HY04	24	23	24	24	23	23	18	24	24	25	23	23	24	20	25	25	27	23	22	23	81	81	81	81	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	0	0	0	30	30	30	30	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	0	0	0	30	30	30	30	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	0	0	0	30	30	30	30	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	0	0	16	16	16	16	
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	0	0	16	16	16	16	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	0	0	16	16	16	16	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	0	0	16	16	16	16	
TMGR	HY01	30	29	28	32	27	30	29	29	31	30	29	30	29	30	26	30	28	24	32	28	31	27	30	40	
TMGR	HY02	30	30	29	35	32	29	30	29	30	33	31	31	29	31	27	31	29	25	32	29	30	28	30	40	
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	28	30	37	29	30	29	33	28	54	
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	8	9	11	9	9	8	10	28	60	
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Total Hydro		322	317	289	327	296	291	285	291	300	311	468	470	463	401	375	368	351	345	431	398	482	728	862		
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	34	34	33	34	34	34	33	34	34	34	34	34	35	33	33	32	31	24	11	1	1	1	1	
PCUF	CUFK	17	17	16	16	16	16	17	18	18	18	17	16	17	16	17	17	17	17	17	17	16	16	16	16	
Total Co-Gen		51	51	50	49	50	50	50	50	52	52	50	51	50	51	50	48	48	41	28	18	18	16	18	17	
Total Gen		14543	14124	13734	13447	13313	13051	12825	12722	12433	12345	12191	12341	12396	12586	12320	12205	12790	13826	14649	15163	15582	15972	16166	16403	
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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Interconnection		-29	-29	-28	-28	-28	-29	-29	-28	-28	-28	-29	-29	-29	-29	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	
System Total		14572	14153	13762	13475	13341	13060	12854	12750	12461	12373	12220	12370	12424	12614	12349	12234	12819	13855	14678	15191	15611	16001	16194	16431	
SRev ST-Coal		-18	4	25	29	21	19	33	22	21	31	26	5	4	215	209	365	377	201	213	229	206	209	209	210	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	94	185	241	156	142	170	214	221	214	267	
SRev CCGT-Gas		1596	1119	1421	972	949	1228	1414	1534	1835	1924	2240	2111	2051	1569	1812	1970	1685	971	328	303	275	169	285	135	
SRev ST-Gas		27	40	37	37	38	38	38	38	38	38	38	38	37	37	38	38	39	16	3	3	2	2	18	3	
SRev Co-Gen		7	7	8	9	8	8	8	8	6	6	6	8	7	8	7	7	7	7	7	8	10	10	17	30	
Syncon		397	397	548	548	548	548	548	548	548	548	447	447	447	447	447	447	447	447	447	447	447	447	447	447	
Hydro		614	619	496	458	489	494	500	494	485	474	418	416	423	485	511	518	535	541	455	468	681	629	745	660	
S.Reserve Total		2623	2186	2535	2053	2053	2335	2541	2644	2933	3021	3175	3025	2969	2761	3024	3345	3090	2183	1454	1574	1529	1267	1443	1159	