

### Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,665 MW
Hydro	1,719 MW
Distillate	0 MW
Total TNB	<u>7,454 MW</u>
Total IPP	<u>10,887 MW</u>
Total Co-Gen	0 MW
Total System	<u>18,908 MW</u>

### Generation Mix

Type	MWh	Percentage
ST-Coal	48,531	13.87 %
Gas	61,519	17.58 %
Hydro	18,181	5.20 %
<b>Total TNB</b>	<b>128,231</b>	<b>36.65 %</b>
ST-Coal	112,847	32.25 %
Gas	108,379	30.97 %
<b>Total IPP</b>	<b>221,226</b>	<b>63.22 %</b>
Co-Gen	1,002	0.29 %
<b>Total Co-Gen</b>	<b>1,002</b>	<b>0.29 %</b>
<b>Total Generation</b>	<b>350,459</b>	<b>100.15 %</b>
PLTG	538	0.15 %
<b>Interconnection</b>	<b>538</b>	<b>0.15 %</b>
<b>Net Energy</b>	<b>349,921</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:	15:00:00 Hour
Total Set On Bus	17,752 MW
TNB Generation	6,514 MW
IPP Generation	10,156 MW
Spinning Reserve	1,047 MW
Maximum Demand	16,643 MW
Net Energy	349,921 MWH
Load Factor	87.60 %

### Fuel Cost

Total Cost:	54,084,848.60 RM
Cost per Unit	16.28 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	501
Hydro	212
Syncon	278
Thermal	59
<b>Total</b>	<b>1,050</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	26

### 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	14162	13782	13205	12770	12371	12014	12035	12148	12743	14508	15425	16103	16075	15710	16362	16643	16483	16181	14938	14571	15826	15660	15289	14832

### Gas Usage

Station	(mmscfd)
CBPS	5
CBPS	25
GLGR	55
PAKA	97
PGPS	39
SRDG	37
TJGS	219
<b>Total TNB</b>	<b>478</b>
KLPP	105
MPSS	44
PDPS	24
PGLA	109
PKLG	8
PLPS	95
PTEK	16
SGRI	200
SKSP	48
YPGS	70
YPKA	137
<b>Total IPP</b>	<b>857</b>
<b>Total Gas</b>	<b>1,335</b>
<b>Total Gas Required</b>	<b>1,335</b>

### Alternate Fuel Usage

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



### 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																															
SGRI	GT23	0	0	0	0	0	0	0	0	0	0	0	0	0	54	144	144	143	143	144	144	145	145	144	144	144	145	106	109	145	145	141	144	145	145	108	117	110																		
SGRI	ST24	139	129	148	143	149	149	148	130	130	130	131	133	129	129	134	138	136	202	216	216	216	219	219	219	219	220	220	219	218	219	220	218	220	218	219	219	218	196	206	196															
YPGS	GT11	125	127	127	125	125	125	126	126	126	126	125	126	125	125	127	127	125	126	124	124	124	124	123	123	121	121	117	121	120	120	121	121	120	123	123	119	122	124	126	123	122	122	126	125	126	125	125								
YPGS	GT12	128	131	128	131	130	131	130	131	130	132	130	132	131	129	131	131	131	150	128	129	127	128	129	128	129	128	127	123	123	124	124	123	123	125	126	127	123	126	128	129	127	126	127	128	128	129	129	130							
YPGS	ST10	132	133	133	134	134	134	134	134	134	132	132	134	134	133	133	133	133	133	131	133	133	134	134	134	133	133	132	132	133	133	132	132	133	133	133	133	133	133	131	133	131	134	131	133	134	134	133								
YPKA	BLK1	372	372	376	376	386	386	385	385	388	388	390	390	391	391	392	392	391	391	380	380	377	377	369	369	366	366	369	365	365	363	363	363	363	363	363	365	365	367	367	362	362	365	365	365	365	366	365	365	365						
YPKA	BLK2	385	385	382	382	378	378	378	378	380	380	380	380	382	382	383	383	382	382	389	389	387	387	383	383	383	383	383	382	381	381	381	381	378	378	378	378	378	378	387	387	388	388	389	389	389	389	389	389	389	389					
PLPS	GT11	143	142	139	142	133	66	66	66	64	63	65	67	66	66	66	82	107	111	116	112	112	118	144	135	115	115	110	115	138	135	138	136	140	134	133	133	111	71	142	139	137	142	138	141	139	142	137								
PLPS	GT12	142	142	139	143	130	73	75	74	70	70	74	74	75	75	70	74	79	116	114	119	116	117	122	138	132	120	118	113	119	133	132	135	131	134	131	129	129	115	74	139	134	131	139	134	135	134	139	132							
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	144	143	140	139	141	140	135	111	112	107	113	137	136	139	135	138	132	132	133	106	112	136	137	136	142	136	140	138	142	137										
PLPS	ST18	147	145	144	146	143	100	101	101	100	100	101	99	99	100	101	102	112	136	203	207	207	207	209	213	213	199	201	198	202	212	214	215	213	213	211	210	210	196	172	214	211	211	215	211	215	213	215	213							
SKSP	BLK1	267	221	251	247	253	250	313	256	250	210	227	213	219	217	228	234	307	308	214	340	224	301	333	336	249	265	329	306	330	287	311	229	322	320	212	229	243	257	210	211	212	214	214	213	211	213	213	214							
TJGS	GT1A	217	217	217	220	219	214	217	218	220	175	145	111	154	209	214	214	220	218	215	218	218	215	215	215	215	215	215	215	215	215	215	215	215	215	215	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218				
TJGS	GT1B	218	218	218	216	222	212	220	216	221	172	147	108	152	213	216	214	221	223	217	220	220	220	220	220	220	220	220	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217			
TJGS	ST1C	254	254	258	251	255	255	251	255	229	184	170	167	237	252	252	256	256	249	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255		
TJGS	GT2A	222	224	224	224	224	224	225	220	219	186	196	187	188	192	200	221	221	218	225	223	223	223	223	223	223	223	223	223	223	223	223	223	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221		
TJGS	GT2B	220	220	220	220	220	220	216	215	183	192	183	186	185	196	218	218	217	219	219	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220		
TJGS	ST2C	264	264	264	264	264	264	259	259	241	241	241	241	241	243	257	260	261	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265		
Total CCGT-Gas		6623	6299	6208	6151	6195	6066	5826	5447	5462	5128	5092	4970	5075	5251	5296	5389	5707	6514	6916	7461	7230	7452	7478	7530	7461	7259	7230	7413	7404	7429	7449	7375	7345	7353	7273	7360	7427	7011	6598	7174	7466	7455	7487	7481	7495	7219	7160	6953							
CBPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CBPS	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CBPS	GT06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PDPS	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PDPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PKLG	GT08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PTEK	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PTEK	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRDG	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRDG	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRDG	GT05	0	0	0	0																																																			

### 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
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY01	84	84	82	0	0	0	0	0	0	0	0	0	0	0	0	83	83	83	83	83	83	83	83	83
PGAU	HY02	80	81	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	110	110	111	111	111	111	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	-1	-1	-1	-1	-1	-1	-1	-1	30	-1	-1	-1	-1	-1	-1	112	111	111	111	111	112	112	111	80
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	0	0	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	0	0	0	0	0
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	0	0	0	0	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	25	25	25	25	25	25	25	25
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	24	25	25	25	25	25	25	25
TMGR	HY01	69	76	81	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	75	82	80	82	88	82	80	79	82
TMGR	HY02	69	76	81	82	-1	-1	32	27	27	26	29	27	30	28	29	33	34	32	28	0	0	0	0	0
TMGR	HY03	70	76	82	81	30	30	32	-1	-1	-1	-1	-1	-1	-1	79	76	82	81	83	87	84	81	80	
UPIA	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
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
<b>Total Hydro</b>		<b>864</b>	<b>851</b>	<b>789</b>	<b>513</b>	<b>246</b>	<b>235</b>	<b>327</b>	<b>262</b>	<b>189</b>	<b>195</b>	<b>173</b>	<b>165</b>	<b>171</b>	<b>168</b>	<b>172</b>	<b>189</b>	<b>220</b>	<b>692</b>	<b>805</b>	<b>844</b>	<b>973</b>	<b>1076</b>	<b>1100</b>	
<b>Total Distillate</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
PCUF	CUFG	0	3	0	1	2	1	0	2	1	1	2	2	3	1	1	8	6	7	6	4	2	1	0	0
PCUF	CUFK	38	37	40	39	40	41	38	40	40	40	40	42	41	41	39	41	40	39	41	40	38	35	36	36
<b>Total Co-Gen</b>		<b>38</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>42</b>	<b>42</b>	<b>38</b>	<b>42</b>	<b>41</b>	<b>41</b>	<b>42</b>	<b>44</b>	<b>43</b>	<b>44</b>	<b>40</b>	<b>42</b>	<b>48</b>	<b>45</b>	<b>48</b>	<b>46</b>	<b>45</b>	<b>42</b>	<b>39</b>	
<b>Total Gen</b>		<b>14246</b>	<b>13925</b>	<b>13781</b>	<b>13441</b>	<b>13220</b>	<b>12989</b>	<b>12844</b>	<b>12484</b>	<b>12433</b>	<b>12109</b>	<b>12044</b>	<b>11921</b>	<b>12034</b>	<b>12201</b>	<b>12244</b>	<b>12357</b>	<b>12718</b>	<b>13987</b>	<b>14499</b>	<b>15109</b>	<b>15443</b>	<b>15926</b>	<b>16092</b>	
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		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-PLTG		84	-21	-1	6	15	-12	74	25	62	24	30	-21	-1	4	96	82	-25	28	-9	23	18	47	-11	
Interconnection		84	-21	-1	6	15	-12	74	25	62	24	30	-21	-1	4	96	82	-25	28	-9	23	18	47	-11	
<b>System Total</b>		<b>14162</b>	<b>13946</b>	<b>13782</b>	<b>13435</b>	<b>13205</b>	<b>13001</b>	<b>12770</b>	<b>12459</b>	<b>12371</b>	<b>12085</b>	<b>12014</b>	<b>11942</b>	<b>12035</b>	<b>12197</b>	<b>12148</b>	<b>12275</b>	<b>12743</b>	<b>13959</b>	<b>14508</b>	<b>15086</b>	<b>15425</b>	<b>15879</b>	<b>16103</b>	
SRev ST-Coal		67	53	44	51	51	116	108	55	47	43	51	46	43	50	52	51	45	52	58	58	50	48	65	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	221	162	149	223	311	326	277	
SRev CCGT-Gas		562	506	554	541	497	626	866	1086	1071	1405	1441	1563	1458	1282	1237	1144	1194	863	740	240	471	249	223	
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	
SRev Co-Gen		38	36	36	36	34	34	38	34	35	35	34	32	33	32	36	34	28	31	28	30	31	34	37	
Syncon		302	302	453	535	724	724	637	720	569	569	720	720	720	720	720	385	302	302	302	302	302	151	151	
Hydro		326	238	149	132	149	160	155	138	262	255	127	134	128	131	127	110	79	42	284	209	205	252	228	
<b>S.Reserve Total</b>		<b>1295</b>	<b>1235</b>	<b>1236</b>	<b>1296</b>	<b>1455</b>	<b>1660</b>	<b>1804</b>	<b>2033</b>	<b>1984</b>	<b>2307</b>	<b>2373</b>	<b>2495</b>	<b>2382</b>	<b>2215</b>	<b>2172</b>	<b>2059</b>	<b>2066</b>	<b>1373</b>	<b>1412</b>	<b>934</b>	<b>1280</b>	<b>1047</b>	<b>1004</b>	