

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,915 MW
Hydro	1,662 MW
Distillate	400 MW
<b>Total TNB</b>	<b>7,427 MW</b>
<b>Total IPP</b>	<b>8,961 MW</b>
<b>Total Co-Gen</b>	<b>78 MW</b>
<b>System Total</b>	<b>16,466 MW</b>

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

At Daily Maximum Demand Hour : 16:30	
TNB Generation	6,368 MW
IPP Generation	8,421 MW
Total Set On Bus	15,760 MW
Maximum Demand	15,087 MW
Spinning Reserve	893 MW
Net Energy	315,187 MWH
Load Factor	87.0 %
Total Cost	64,332,981 RM
Cost per Unit	21.56 cents/kWH

**Maximum Demand Record**

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 MWH

**Hourly System MW Generation**

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	12637	11953	11617	11078	10807	10782	11033	11260	11456	12884	13809	14478	14409	14138	14632	15066	15079	14756	13614	13361	14409	14258	13840	13593

**Gas Usage**

Station	(mmscfd)
CBPS	69
GLGR	65
PAKA	149
PGGS	10
SRDG	60
TJGS	154
<b>TNB Total</b>	<b>506</b>
KLPP	44
MPSS	59
PDPS	4
PGLA	61
PLPS	78
PTEK	44
SGB3	44
SGRI	127
SKSP	57
YPGS	68
YPKA	131
<b>IPP Total</b>	<b>716</b>
<b>Total Gas</b>	<b>1,222</b>

Total Gas Required : 1,666  
Gas Calorific Value : 38,500

**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	36
PDPS	26
PGGS	4
PGLA	57
PGPS	52
PKLG	137
SGB3	3
SGRI	72
TJGS	58
<b>Total</b>	<b>443</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	33,066.00	10.49 %
Gas	61,995.00	19.67 %
Hydro	16,042.00	5.09 %
Distillate	14,490.00	4.60 %
<b>Total TNB</b>	<b>125,593.0</b>	<b>39.85 %</b>
ST-Coal	57,172.0	18.14 %
ST-Oil	13,541.0	4.30 %
Gas	92,246.0	29.27 %
Distillate	23,836.0	7.56 %
<b>Total IPP</b>	<b>186,795.0</b>	<b>59.26 %</b>
Co-Gen	1,909.0	0.61 %
<b>Total Co-Gen</b>	<b>1,909.0</b>	<b>0.61 %</b>
<b>Total Generation</b>	<b>314,297.0</b>	<b>99.72 %</b>
PLTG	183.0	0.06 %
HVDC	-1,073.0	-0.34 %
<b>Interconnection</b>	<b>-890.0</b>	<b>-0.28 %</b>
<b>Net Energy</b>	<b>315,187.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	445
Hydro	183
Syncon	290
Thermal	26
<b>Total</b>	<b>944</b>

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	33



Daily MW Generation On Thursday

06-Feb-2014

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	
YPGS	ST10	136	137	137	137	137	136	136	136	136	136	136	136	136	136	138	139	139	138	138	138	138	137	137	137	137
YPKA	BLK1	349	376	376	378	378	378	380	380	378	378	383	383	383	383	382	377	377	374	374	374	374	372	372	361	359
YPKA	BLK2	359	386	386	388	388	387	387	389	389	388	388	390	389	389	391	391	391	386	386	383	383	382	382	380	380
PLPS	GT11	152	129	113	152	152	115	114	66	66	67	66	67	113	114	114	114	153	153	152	150	150	149	149	146	145
PLPS	GT13	149	137	110	150	150	148	110	110	63	63	65	65	65	111	110	109	109	150	150	150	149	146	146	144	144
PLPS	ST18	147	143	131	147	148	147	132	132	93	88	89	89	88	130	131	132	132	148	142	144	145	144	144	144	144
SKSP	BLK1	347	306	346	347	339	345	330	312	342	343	292	296	300	344	264	219	215	303	308	294	346	341	349	339	329
TJGS	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	ST1C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2A	225	225	225	225	227	228	204	204	163	165	143	145	165	202	204	203	228	228	225	223	221	219	219	221	224
TJGS	GT2B	225	225	225	227	225	227	200	199	161	161	141	140	162	199	199	199	199	224	227	224	222	219	223	223	221
TJGS	ST2C	267	267	267	267	267	267	250	248	228	228	218	217	227	237	247	247	247	267	267	267	267	267	267	266	266
<b>Total CCGT-Gas</b>		<b>6197</b>	<b>5676</b>	<b>5454</b>	<b>5351</b>	<b>5356</b>	<b>5361</b>	<b>5150</b>	<b>4994</b>	<b>4804</b>	<b>4791</b>	<b>4799</b>	<b>4808</b>	<b>4959</b>	<b>5290</b>	<b>5153</b>	<b>5076</b>	<b>5390</b>	<b>5985</b>	<b>6260</b>	<b>6399</b>	<b>6467</b>	<b>6438</b>	<b>6433</b>	<b>6411</b>	
		<b>6389</b>	<b>6391</b>	<b>6373</b>	<b>6411</b>	<b>6847</b>	<b>7139</b>	<b>7131</b>	<b>7122</b>	<b>7047</b>	<b>7044</b>	<b>7040</b>	<b>7049</b>	<b>7025</b>	<b>6699</b>	<b>6661</b>	<b>7061</b>	<b>7056</b>	<b>7094</b>	<b>7071</b>	<b>7145</b>	<b>7036</b>	<b>7110</b>	<b>7079</b>	<b>7112</b>	
CBPS	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
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
PDPS	GT01	0	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
PGGS	GT6A	0	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	GT1A	0	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	GT1B	0	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
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
SRDG	GT01	0	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
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
SRDG	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
<b>Total OCGT-Gas</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>	<b>0</b>	
BSIA	HY01	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
BSIA	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	0
CEND	HY02	8	7	8	8	8	8	8	8	7	7	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7
CEND	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KNRG	HY01	37	36	36	37	36	36	36	37	37	35	36	37	37	35	35	35	35	35	36	36	35	36	37	37	37
KNRG	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	0
KNRG	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	0
KNYR	HY01	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
KNYR	HY02	99	101	101	101	65	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KNYR	HY03	101	100	102	102	62	101	61	61	64	62	75	77	75	92	74	60	61	61	80	102	98	96	101	65	78
KNYR	HY04	102	101	102	102	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LPIA	HY01	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
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	3
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	24	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	-1	-1	24	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-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	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	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	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	0

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																																		
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	16	24	24	24	0	0	0	0	0	0	0	16	16	0	0	0	0																														
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	16	25	25	25	0	0	0	0	0	0	0	16	16	0	0	0	0																														
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	81	82	82	82	78	55																													
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	86	86	84	86	80	55																												
TMGR	HY03	-1	-1	-1	-1	-1	-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	HY04	52	39	44	45	44	38	31	30	41	40	51	48	49	70	54	25	28	27	28	39	80	76	74	78	44	60	40	60	34	78	78	58	36	31	31	31	37	33	36	32	35	32	34	75	54													
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4										
UPIA	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	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		560	545	579	581	441	391	197	195	211	208	229	229	230	290	232	188	313	487	488	541	689	813	994	1049	969	798	692	1031	965	1035	1109	1087	1105	1182	961	626	518	526	507	542	977	1007	1079	1073	900	940	945	820										
KLPP	GT13	132	132	132	132	133	132	135	133	133	131	132	132	133	133	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132									
PDPS	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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							
PDPS	GT04	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
PGGS	GT6A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
PGGS	GT6B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
PGLA	GT12	216	217	217	216	216	216	218	217	217	218	217	216	216	218	217	219	218	218	218	218	216	214	210	208	210	211	210	209	208	211	208	208	209	206	207	209	209	210	211	210	210	211	210	211	210	213	213	213	211	213	213							
PGPS	GT3A	89	89	90	89	90	89	88	89	90	89	88	89	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88						
PGPS	GT3B	89	88	89	90	90	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89					
PGPS	ST3C	83	84	84	84	84	84	83	84	83	84	83	83	83	83	83	84	83	83	83	83	84	83	83	83	83	83	83	84	83	84	85	85	85	85	86	86	87	88	87	87	88	88	88	88	87	87	86	86	86	86	85	85	85	84	84	84	84	84
SGB3	GT31	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
SGB3	GT33	131	128	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
SGRI	GT13	48	128	128	128	128	128	128	128	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131						
SGRI	GT23	125	125	125	125	125	125	125	125	125	125	125	125	125	125	123	123	126	126	126	126	126	126	126	126	126	125	125	125	125	124	124	124	124	123	123	123	123	123	123	123	123	123	123	123	123	123	123	124	124	124	124	124	124	124				
TJGS	GT1A	195	195	195	195	195	195	195	195	195	195	195	195	199	196	199	199	199	196	196	196	192	192	192	189	189	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192			
TJGS	GT1B	184	184	184	184	183	184	184	184	184	184	184	184	185	189	189	189	189	188	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185				
TJGS	ST1C	194	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191				
Total Distillate		1553	1561	1563	1434	1435	1433	1436	1435	1435	1437	1435	1435	1441	1445	1440	1444	1445	1441	1440	1436	1432	1430	1496	1634	1733	1738	1632	1406	1069	1061	1060	1059	1061	1060	1061	1060	1063	1065	1095	1173	1159	1065	1067	1070	1068	1068	977	856										
PCUF	CUFG	40	41	40	41	42	41	41	42	42	42	42	43	41	42	42	42	42	41	40	40	38	40	38	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39					
PCUF	CUFK	39	40	39	39	39	40	38	39	39	40	40	39	40	40	39	39	40	40	39	39	36	38	38	38	36	37	37	37	36	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38			
Total Co-Gen		79	81	79	80	81	81	79	81	81	82	82	81	83	80	82	82	81	81	80	80	79	77	76	76	77	75	76	76	76	76	76	76	77	78	78	81	78	79	81	81	80	83	81	79	80	82	80	83	83	82								
Total Gen		12707	12195	11999	11771	11629	11592	11189	11035	10858	10842	10796	10809	11006	11430	11246	11133	11554	12357	12995	13297	13626	13936	14322	14374	14268	14112	13960	14276	14389	14833	14878	14838	14865	14867	14623	14245	13686	13390	13331	14030	14431	14412	14335	14232	13910	13780	13666	13238										
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	0	0	0	0	0	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		31	31	31	31	30	30	30	31	31	30	30	30	31	31	31	31	29	-196	-196	-196	-196	-196	-197	-197	-196	-197	-197	-197	-197	-197	-195	-198	-195	-169	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30					
TIE-PLTG		39	-69	15	2	-18	39	81	53	20	27	-16	-11	-57	29	-45	42	67																																									

*Daily MW Generation On Thursday*

*06-Feb-2014*

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																								
Syncon		625	625	474	474	625	645	731	731	731	731	731	731	731	580	731	731	731	625	625	625	474	474	388	388	388	388	388	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237					
Hydro		68	83	200	198	187	112	115	117	101	104	83	83	82	173	80	124	209	141	140	87	90	166	109	161	241	212	280	267	358	288	214	236	168	242	187	185	110	102	121	86	236	206	320	250	223	183	178	303
S.Reserve Total		1474	1612	1616	1305	1403	1335	1631	1787	1994	2061	2187	2279	2223	1876	2062	2175	2108	1515	1477	1335	1135	1261	1012	1067	1174	1128	1293	1380	1342	1006	961	1002	879	893	1090	1365	1444	1742	1901	1201	1086	1003	1058	1016	982	984	1101	1178