

Availability At Daily Maximum Demand Hour

ST-Coal	2,030 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,191 MW
Hydro	1,770 MW
Distillate	0 MW
Total TNB	7,991 MW
Total IPP	11,444 MW
Total Co-Gen	0 MW
System Total	20,005 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,878 MW
IPP Generation	9,794 MW
Total Set On Bus	16,810 MW
Maximum Demand	15,737 MW
Spinning Reserve	1,101 MW
Net Energy	330,040 MWH
Load Factor	87.4 %
Total Cost	53,202,490 RM
Cost per Unit	16.44 cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0MW
Date :	24/06/2014	355,911.0MWH

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	13150	12635	12172	11863	11522	11359	11555	11758	11999	13740	14529	15291	15191	14920	15498	15566	15514	15213	14233	13907	14864	14789	14233	14023

Gas Usage

Station	(mmscfd)
CBPS	51
GLGR	58
PAKA	143
PGPS	36
SRDG	16
TJGS	211
TNB Total	516
KLPP	97
MPSS	50
PDPS	7
PGLA	103
PLPS	90
PTEK	6
SGRI	180
SKSP	36
YPGS	68
YPKA	129
IPP Total	766
Total Gas	1,283

Total Gas Required : 1,283
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	46,978.00	14.23 %
Gas	67,370.00	20.41 %
Hydro	5,153.00	1.56 %
Total TNB	119,501.0	36.21 %
ST-Coal	107,935.0	32.70 %
Gas	100,144.0	30.34 %
Total IPP	208,079.0	63.05 %
Co-Gen	1,341.0	0.41 %
Total Co-Gen	1,341.0	0.41 %
Total Generation	328,921.0	99.66 %
PLTG	-421.0	-0.13 %
HVDC	-698.0	-0.21 %
Interconnection	-1,119.0	-0.34 %
Net Energy	330,040.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	299
Hydro	164
Syncon	607
Thermal	42
Total	1112

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	36

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	GT12	130	131	132	128	130	129	130	132	131	124	128	131	130	131	131	132	132	130	130	131	132	132	133	132	133	132	130	133	131	
YPGS	ST10	138	135	138	138	138	138	138	135	135	138	138	137	137	137	137	137	138	138	138	137	137	138	138	138	138	137	138	138	138	
YPKA	BLK1	369	369	369	369	369	370	370	370	370	368	368	366	366	363	363	362	362	360	360	361	363	363	363	363	363	363	363	363	364	
YPKA	BLK2	378	378	378	378	380	380	380	380	380	380	378	378	380	381	381	381	378	378	376	376	373	373	372	372	369	369	369	369	364	
PLPS	GT11	148	121	63	63	62	62	63	62	62	62	62	62	61	62	62	110	147	147	109	137	143	141	131	120	140	139	142	142	142	
PLPS	GT12	146	124	70	70	70	70	69	70	70	69	69	70	71	69	69	68	69	110	145	145	109	145	144	144	133	124	144	142	142	
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	149	150	143	138	137	125	116	136	137	136	138	144	144	
PLPS	ST18	147	138	98	96	94	94	95	95	95	95	96	96	94	93	100	100	102	137	148	215	215	215	214	203	208	212	215	214	215	
SKSP	BLK1	205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	215	345	342	259	347	348	355	272	223	216	269	359	346	347	
TJGS	GT1A	226	226	220	214	199	218	221	165	165	165	173	177	162	221	190	172	223	181	196	178	222	222	222	222	222	222	222	218	218	218
TJGS	GT1B	223	221	216	209	195	215	218	154	160	163	164	175	159	215	190	168	221	178	192	175	221	221	221	221	221	218	218	218	218	
TJGS	ST1C	255	255	252	248	243	242	242	214	199	199	205	204	200	242	240	200	248	239	218	207	253	253	256	256	256	256	253	253	253	253
TJGS	GT2A	227	198	217	205	188	192	196	188	142	143	145	145	144	144	144	144	163	224	221	219	219	219	219	219	219	217	217	217	217	
TJGS	GT2B	224	191	212	201	182	189	192	182	141	141	141	141	141	140	139	140	159	223	221	221	218	218	218	218	218	216	216	216	216	
TJGS	ST2C	264	251	255	259	250	248	245	242	218	216	216	216	216	216	216	216	265	265	265	263	263	263	263	263	263	263	263	263	263	
Total CCGT-Gas		6517	6060	5901	5744	5539	5434	5146	4957	4830	4812	4856	4881	4835	5110	5052	4873	5239	6214	7119	7549	7893	8134	8137	8132	7999	7864	7920	7963	8087	
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	
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	
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	
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	
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	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	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	
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	0	0	0	0	
Total 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	0	0	0	0	0	
BSIA	HY01	11	11	11	11	11	11	11	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
CEND	HY01	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
CEND	HY03	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
KNRG	HY01	26	26	27	27	26	27	27	27	25	24	26	28	27	28	27	29	29	28	27	27	27	28	28	26	26	26	26	28	25	27
KNYR	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	-1	-1	-1	-1	
KNYR	HY02	0	-1	40	40	80	80	90	90	100	100	59	60	59	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
KNYR	HY04	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LPIA	HY01	6	6	9	8	8	9	10	9	9	8	9	10	9	10	9	11	12	11	12	11	12	12	12	11	11	12	12	11	10	
LPIA	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	5	5	5	5	5	
MNOR	HY01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	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	-1	-1	-1	-1	
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	16	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	23	-1	-1	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
SIHY	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	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	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	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	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	0	0	0	0	0	
TMGR	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	-1	-1	-1	-1	
TMGR	HY02	30	27	31	30	30	34	34	32	26	24	30	33	30	34	32	31	38	31	34	33	31	38	41	35	32	32	31	34	36	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	5	5	5	5	5	

