

Availability At Daily Maximum Demand Hour

ST-Coal	2,030	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,093	MW
Hydro	1,772	MW
Distillate	0	MW
Total TNB	7,895	MW
Total IPP	12,254	MW
Total Co-Gen	0	MW
System Total	20,149	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00		
TNB Generation	5,436	MW
IPP Generation	9,816	MW
Total Set On Bus	16,461	MW
Maximum Demand	15,441	MW
Spinning Reserve	1,175	MW
Net Energy	328,417	MWH
Load Factor	88.6	%
Total Cost		RM
Cost per Unit		cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0 MW
Date :	24/06/2014	355,911.0 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	13371	12829	12509	12113	11665	11656	11748	11915	12033	13636	14361	14842	14828	14361	14749	15261	15441	15133	14153	13824	14768	14596	14175	13826

Gas Usage

Station	(mmscfd)
CBPS	31
GLGR	57
PAKA	132
PGPS	41
SRDG	3
TJGS	210
TNB Total	472
KLPP	93
MPSS	56
PGLA	88
PKLG	43
PLPS	91
SGRI	175
SKSP	35
YPGS	68
YPKA	129
IPP Total	777
Total Gas	1,249
Total Gas Required :	1,249
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	47,917.00	14.59 %
Gas	62,480.00	19.02 %
Hydro	7,161.00	2.18 %
Total TNB	117,558.0	35.80 %
ST-Coal	108,194.0	32.94 %
ST-Gas	3,846.0	1.17 %
Gas	96,187.0	29.29 %
Total IPP	208,227.0	63.40 %
Co-Gen	894.0	0.27 %
Total Co-Gen	894.0	0.27 %
Total Generation	326,679.0	99.47 %
PLTG	-1,037.0	-0.32 %
HVDC	-701.0	-0.21 %
Interconnection	-1,738.0	-0.53 %
Net Energy	328,417.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	372
Hydro	136
Syncon	716
Thermal	48
Total	1272

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	32

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																											
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	133	121	123	110	138	130	116	113	131	139	140	131	139	137	137	128	133	119	113	118	139	138	132	130	135	114	0	0	0						
PLPS	ST18	139	133	143	143	136	98	94	94	95	96	96	96	100	101	100	137	137	192	209	211	204	217	211	208	201	215	211	215	214	214	215	215	208	209	205	202	203	215	215	215	210	215	213	142	143	144					
SKSP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	319	348	284	248	305	294	313	223	214	212	310	340	341	345	348	344	342	321	261	213	212	214	247	264	272	218	266	251	339	330	305					
TJGS	GT1A	212	195	216	216	204	220	203	207	196	185	187	119	119	119	123	122	164	224	224	224	226	226	226	226	226	226	222	222	222	222	222	222	222	213	213	190	194	212	222	223	213	223	213	215	218	223					
TJGS	GT1B	208	194	212	214	202	217	198	201	192	180	183	113	116	119	119	116	158	226	222	181	220	226	226	223	223	223	223	220	220	220	220	220	211	210	188	187	210	215	218	210	225	210	211	211	223						
TJGS	ST1C	243	231	245	244	240	241	232	240	244	218	219	172	168	168	165	165	185	252	255	251	247	254	257	257	257	257	257	257	257	257	257	254	244	245	215	214	236	251	251	248	252	249	252	252	251						
TJGS	GT2A	223	221	223	223	224	224	224	132	145	145	145	145	145	143	225	145	221	224	219	200	211	229	225	225	222	222	222	222	222	220	220	218	218	218	218	179	140	140	218	218	218	220	220	220	220	220					
TJGS	GT2B	221	219	221	221	221	221	221	129	140	140	140	140	140	140	222	140	221	221	219	197	207	226	225	222	222	220	220	220	220	218	218	218	218	179	140	140	218	218	218	220	220	220	220	220	220						
TJGS	ST2C	263	263	265	265	265	265	237	218	216	216	216	216	216	268	217	255	265	262	243	265	265	265	265	265	265	265	265	265	262	262	262	262	237	216	216	265	263	263	263	263	263	263	263	263	263						
Total CCGT-Gas		5885	5483	5161	5118	4866	4523	4436	4153	4119	4055	4083	3925	3956	3993	4193	4005	4376	5517	6137	6700	6898	7159	7166	7277	7178	6956	6693	6815	7029	7221	7210	7226	7219	7215	7158	6762	6240	6051	6060	6707	6933	7032	6763	6981	6868	6802	6594	6460			
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				
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			
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		
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	
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	
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	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	
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	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	
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	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	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	10	10	10	11	11	11	11	11	10	11	10	10	11	11	11	11	11	11	11	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	
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	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
CEND	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY01	26	25	26	26	25	27	25	26	25	23	25	26	28	30	27	27	26	24	30	24	26	27	26	28	26	26	26	26	27	29	27	29	29	25	26	26	26	26	27	27	26	26	27	26	27	26	27	26	28		
KNYR	HY01	-1	-1	73	69	75	84	70	72	69	63	64	89	95	94	91	79	72	-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	-1	-1	-1	-1	
KNYR	HY02	59	75	98	75	75	79	75	75	75	73	84	98	98	94	83	98	91	100	73	59	60	59	60	60	59	59	60	60	60	60	61	61	59	59	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
KNYR	HY03	0	94	75	70	69	85	83	72	79	65	65	73	93	93	93	76	83	0	0	0	0	0	0	0	0	0	0	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	HY04	0	0	93	74	79	81	77	84	71	68	68	73	93	96	92	76	94	0	0	0	0	0	0	0	0	0	0	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	8	8	9	8	8	11	10	10	9	9	9	10	11	11	11	10	10	9	12	9	10	10	10	10	10	10	9	10	10	10	11	10	10	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
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	-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	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
PGAU	HY03	-1	-1	21	-1	-																																														

