

Availability at Daily Maximum Demand Hour

ST-Coal	2,100 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,564 MW
Hydro	1,807 MW
Distillate	0 MW
Total TNB	7,471 MW
Total IPP	10,318 MW
Total Co-Gen	0 MW
Total System	18,353 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	38,836	12.17 %
Gas	58,662	18.39 %
Hydro	31,314	9.82 %
Total TNB	128,812	40.37 %
ST-Coal	100,076	31.37 %
Gas	88,012	27.59 %
Total IPP	188,088	58.95 %
Co-Gen	1,785	0.56 %
Total Co-Gen	1,785	0.56 %
Total Generation	318,685	99.89 %
PLTG	341	0.11 %
HVDC	-697	-0.22 %
Interconnection	-356	-0.11 %
Net Energy	319,041	100.00 %

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:	14:30:00 Hour
Total Set On Bus	16,419 MW
TNB Generation	6,414 MW
IPP Generation	8,696 MW
Spinning Reserve	1,236 MW
Maximum Demand	15,228 MW
Net Energy	319,041 MWH
Load Factor	87.29 %

Fuel Cost

Total Cost:	42,074,168.00 RM
Cost per Unit	14.63 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	852
Hydro	181
Syncon	55
Thermal	25
Total	1,113

Time	Weather	Temperature
Afternoon	Cloudy	35
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	18
GLGR	32
PAKA	117
PGPS	40
SRDG	28
TJGS	207
Total TNB	441
KLPP	97
MPSS	38
PDPS	21
PGLA	83
PKLG	12
PTEK	9
SGB3	68
SGRI	187
SKSP	48
YPGS	58
YPKA	67
Total IPP	690
Total Gas	1,131
Total Gas Required	1,131

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	12565	11857	11412	11262	11019	10779	11031	11349	11857	13502	14393	14903	15002	14663	15149	15221	15210	14812	13951	13781	14277	14085	13477	13115

Daily MW Generation on Wednesday

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	GT21	137	126	134	134	134	135	62	61	61	60	62	60	59	62	62	103	105	107	107	107	107	107	138	138	137	137	135	135	134	134	134	134	134	134	134	134	135	106	64	64	140	140	139	139	130	134	130	151	138					
SGRI	GT22	139	128	139	138	138	139	65	65	65	65	65	66	66	65	65	65	110	110	111	111	111	111	138	138	138	138	137	137	137	137	137	137	137	137	137	136	136	137	110	111	111	142	142	141	141	135	139	132	132	143				
SGRI	GT23	141	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	125	144	144	146	150	146	150	148	148	147	147	147	146	146	146	146	146	147	146	146	107	109	108	144	137	155	152	130	144	131	131	0					
SGRI	ST24	218	204	170	150	147	148	95	91	93	92	94	98	99	96	98	120	123	135	183	199	199	212	218	218	215	216	214	216	215	215	217	217	217	219	218	221	195	177	175	214	213	217	219	214	215	209	214	163						
YPGS	GT11	127	127	126	128	126	124	125	124	127	127	124	126	126	127	126	125	126	127	126	125	124	126	125	125	123	121	118	116	119	116	114	107	107	107	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
YPGS	GT12	131	131	132	131	130	129	131	131	131	130	126	130	132	129	129	130	130	131	130	129	129	131	129	128	127	126	124	118	121	118	117	111	112	110	117	128	126	123	128	125	121	125	124	126	126	126	126	126	126					
YPGS	ST10	135	135	134	134	134	134	135	135	135	135	134	134	134	134	134	134	135	135	135	135	135	135	136	136	136	136	132	132	130	130	124	124	124	103	66	66	66	66	66	66	66	66	66	66	67	67	67	66	66					
YPKA	BLK1	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	182	182	182	181	181	179	179	180	180	181	181	181	181	181	181	181	181	181	183	183	182	182	184	184	181					
YPKA	BLK2	202	202	202	202	202	202	203	203	203	202	202	203	203	203	203	203	203	201	201	202	202	202	200	200	201	201	199	199	197	197	198	198	199	199	199	199	199	199	200	200	200	200	201	201	200	200	202	202	200	202	200			
SKSP	BLK1	260	217	213	212	213	213	215	224	229	214	213	258	245	276	263	213	224	269	306	328	346	342	301	313	298	343	278	215	272	249	252	270	281	259	247	248	249	241	249	291	245	247	245	285	292	305	292	251						
TJGS	GT1A	220	225	206	212	184	160	195	193	177	153	162	218	216	217	217	137	137	223	223	223	223	223	220	220	220	220	220	220	220	220	220	220	220	220	224	224	224	224	227	227	224	224	224	224	224	224	225	225	225	225	225			
TJGS	GT1B	219	223	207	211	183	161	194	191	181	158	160	217	216	218	216	135	135	223	226	226	222	222	222	222	222	222	222	222	222	222	222	222	222	222	224	224	224	224	227	227	224	224	224	224	224	224	224	225	225	225	225	225		
TJGS	ST1C	252	253	241	244	228	200	233	206	240	215	201	246	237	248	233	185	185	249	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256		
TJGS	GT2A	218	221	189	201	188	189	187	196	145	145	144	144	143	144	145	184	184	222	222	222	222	219	221	219	219	219	219	219	217	217	217	222	222	222	224	224	224	224	224	224	224	224	224	224	224	224	224	224	224	224	224	224		
TJGS	GT2B	212	216	185	197	184	185	185	192	140	140	140	140	141	140	141	181	181	217	217	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	
TJGS	ST2C	261	260	250	254	242	239	239	239	216	216	216	216	216	216	216	237	237	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	
Total CCGT-Gas		6070	5731	5315	5157	4944	4865	4697	4519	4343	4252	4236	4501	4465	4523	4620	4602	4818	6071	6545	6758	6975	6956	6805	6713	6652	6869	6584	6683	6650	6498	6538	6655	6651	6569	6395	6248	5843	5692	5713	6197	6078	6116	6159	6160	6058	6086	6075	5723						
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			
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		
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	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	
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	
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	
PKLG	GT09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FTEK	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	
FTEK	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	
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	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	
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
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	22	22	23	22	23																																																	

