

Availability at Daily Maximum Demand Hour

ST-Coal	2,315 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,024 MW
Hydro	1,837 MW
Distillate	0 MW
Total TNB	8,176 MW
Total IPP	10,038 MW
Total Co-Gen	0 MW
Total System	18,784 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	49,470	15.27 %
Gas	59,271	18.30 %
Hydro	28,002	8.64 %
Total TNB	136,743	42.22 %
ST-Coal	106,259	32.80 %
Gas	79,713	24.61 %
Total IPP	185,972	57.41 %
Co-Gen	2,057	0.64 %
Total Co-Gen	2,057	0.64 %
Total Generation	324,772	100.26 %
PLTG	123	0.04 %
HVDC	729	0.23 %
Interconnection	852	0.26 %
Net Energy	323,920	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:	15:30:00 Hour
Total Set On Bus	16,684 MW
TNB Generation	6,444 MW
IPP Generation	8,805 MW
Spinning Reserve	1,353 MW
Maximum Demand	15,324 MW
Net Energy	323,920 MWH
Load Factor	88.07 %

Fuel Cost

Total Cost:	40,057,990.77 RM
Cost per Unit	13.49 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	587
Hydro	429
Syncon	111
Thermal	109
Total	1,236

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

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	13045	12388	12079	11616	11325	11342	11453	11595	11754	13521	14277	14867	14807	14467	14560	15121	15268	15125	14045	13804	14803	14540	14059	13704

Gas Usage

Station	(mmscfd)
CBPS	4
GLGR	54
PAKA	136
PGPS	41
SRDG	11
TJGS	204
Total TNB	450
KLPP	78
MPSS	51
PDPS	5
PGLA	87
PKLG	3
PTEK	5
SGB3	52
SGRI	174
SKSP	36
YPGS	70
YPKA	70
Total IPP	630
Total Gas	1,080
Total Gas Required	1,080

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Friday

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	135	106	106	134	135	104	104	100	61	61	60	60	62	62	61	58	60	61	102	106	137	137	130	130	122	128	122	128	127	127	128	128	127	127	127	128	128	127	136	135	135	136	136	136	121	113	129					
SGRI	GT22	139	112	112	140	137	109	111	102	67	67	66	64	66	66	65	65	68	102	112	138	138	130	130	123	130	136	132	138	138	138	139	139	138	138	137	137	138	139	138	142	144	146	147	147	147	123	116	61				
SGRI	GT23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	143	143	142	143	139	133	136	132	138	138	138	139	139	138	138	137	137	138	139	138	142	144	146	147	147	147	123	116	131				
SGRI	ST24	149	129	132	150	143	132	130	126	104	98	99	101	98	97	99	106	105	103	192	205	215	215	209	209	206	215	206	213	216	212	210	211	214	214	214	211	214	213	211	214	221	215	220	218	218	219	207	200	197			
YPGS	GT11	120	125	127	131	127	127	126	128	128	129	128	129	129	128	124	125	120	123	128	124	126	125	125	122	121	119	120	121	121	121	122	122	122	120	120	122	125	125	123	124	122	125	123	124	122	125	124	125	122			
YPGS	GT12	122	130	131	133	130	131	126	129	130	136	132	133	135	130	132	128	129	125	127	132	127	131	128	129	126	124	123	124	124	125	125	125	125	126	124	123	122	126	129	129	127	125	129	128	129	130	128	126				
YPGS	ST10	132	135	135	137	134	134	133	133	135	135	136	133	137	134	134	134	133	133	133	135	134	134	135	135	133	133	132	132	134	134	133	133	134	134	133	133	132	132	133	133	134	134	133	133	133	133	133	133	133			
YPKA	BLK1	179	186	186	189	189	187	187	189	190	190	190	191	191	189	189	187	188	188	189	189	186	186	186	186	184	181	181	185	185	185	185	186	186	186	186	178	178	175	163	165	165	168	168	168	168	168	172					
YPKA	BLK2	195	203	203	206	206	204	204	207	207	208	208	207	209	209	205	204	204	203	203	205	203	203	203	203	203	203	203	200	197	197	201	202	202	202	203	203	192	194	194	191	180	179	179	182	182	188	188	188				
SKSP	BLK1	214	211	213	119	0	0	0	0	0	0	0	0	0	0	0	57	539	347	310	212	213	248	275	213	220	213	215	227	295	318	312	315	312	311	312	311	213	214	312	338	340	340	336	213	272	236	213					
TJGS	GT1A	226	227	191	156	190	149	156	156	98	107	107	106	109	123	123	123	123	210	226	222	221	223	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	220	220	220	220	224	224	224	224	224				
TJGS	GT1B	227	227	192	154	191	147	155	155	102	109	109	109	109	124	124	124	124	211	223	223	223	223	215	219	218	218	218	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215			
TJGS	ST1C	258	258	224	194	222	205	194	194	156	149	149	149	149	165	168	168	168	231	249	256	256	256	252	249	249	249	249	252	252	252	252	252	252	252	252	252	252	252	252	256	256	256	256	256	256	256	259	259				
TJGS	GT2A	224	224	185	185	185	139	144	144	128	127	126	126	145	144	146	144	204	224	222	222	222	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215			
TJGS	GT2B	217	217	180	178	178	135	138	138	121	121	120	120	140	140	139	198	217	217	217	217	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	218		
TJGS	ST2C	263	263	237	237	237	225	216	216	208	207	207	208	208	217	217	217	217	249	263	263	263	263	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258		
Total CCGT-Gas		5578	5236	4932	4672	4598	4313	4149	4128	3856	3946	3942	3878	3954	3998	4016	3978	4280	5320	6038	6196	6683	6724	6765	6771	6552	6595	6548	6489	6525	6731	6736	6689	6766	6765	6674	6530	6378	6239	6221	6605	6643	6493	6521	6556	6399	6251	5899	5632				
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			
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		
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		
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	
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	
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	
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	
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	
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	
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	
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	
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 CCGT-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	23	23	22	22	23	23	23	23	23	22	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	22	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
BSIA	HY02	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
BSIA	HY03	24	24	24	25	24	24	25	25	24	24	24																																									

