

Availability at Daily Maximum Demand Hour

ST-Coal	2,410 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,543 MW
Hydro	1,616 MW
Distillate	0 MW
Total TNB	7,569 MW
Total IPP	11,703 MW
Total Co-Gen	0 MW
Total System	19,839 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	53,715	16.31 %
Gas	40,711	12.36 %
Hydro	9,790	2.97 %
Total TNB	104,216	31.64 %
ST-Coal	112,445	34.14 %
Gas	110,972	33.69 %
Total IPP	223,417	67.83 %
Co-Gen	1,131	0.34 %
Total Co-Gen	1,131	0.34 %
Total Generation	328,764	99.82 %
PLTG	112	0.03 %
HVDC	-702	-0.21 %
Interconnection	-590	-0.18 %
Net Energy	329,354	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:	16:00:00 Hour
Total Set On Bus	16,837 MW
TNB Generation	5,418 MW
IPP Generation	10,141 MW
Spinning Reserve	1,232 MW
Maximum Demand	15,696 MW
Net Energy	329,354 MWH
Load Factor	87.43 %

Fuel Cost

Total Cost:	46,792,030.78 RM
Cost per Unit	31.90 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	531
Hydro	402
Syncon	385
Thermal	72
Total	1,390

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	16
GLGR	55
PAKA	43
PGPS	41
SRDG	29
TJGS	137
Total TNB	321
KLPP	102
MPSS	65
PGLA	107
PKLG	7
PLPS	96
SGB3	47
SGRI	184
SKSP	51
YPGS	70
YPKA	133
Total IPP	863
Total Gas	1,185
Total Gas Required	1,185

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	13284	12713	12270	11880	11668	11518	11681	11752	11943	13600	14367	15070	15159	14545	14788	15447	15696	15430	14350	13888	14888	14853	14432	13998

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					
YPGS	GT12	129	129	131	133	131	129	129	132	131	131	130	130	131	132	132	128	128	125	125	125	125	129	129	130	130	130	130	129	131
YPGS	ST10	132	132	132	134	134	133	133	133	132	132	132	132	132	133	133	132	132	133	133	133	134	134	133	133	133	133	133	134	134
YPKA	BLK1	369	369	374	374	375	375	374	374	374	372	372	372	372	354	354	354	354	352	352	344	344	329	280	276	276	276	276	276	276
YPKA	BLK2	393	393	398	398	398	398	398	398	398	395	395	396	396	397	397	375	375	373	373	373	373	364	364	336	288	283	283	283	283
PLPS	GT11	133	134	128	63	62	63	66	65	68	68	63	60	68	67	67	64	103	143	145	142	146	144	144	142	137	136	137	140	142
PLPS	GT12	142	141	138	75	70	69	73	71	73	73	70	68	75	75	75	71	105	142	141	138	141	141	140	139	134	133	132	137	137
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	145	140	143	142	142	142	142	137	136	135	141	141	140
PLPS	ST18	143	143	142	104	101	100	100	100	99	101	97	100	101	106	103	128	147	215	214	214	214	215	214	215	211	212	213	214	213
SKSP	BLK1	243	225	214	227	248	237	277	262	304	284	295	213	345	341	345	324	236	230	213	228	328	300	334	292	270	212	223	237	329
TJGS	GT1A	220	217	212	216	223	221	219	222	187	167	155	138	170	180	160	154	216	223	223	223	223	223	220	220	220	220	220	220	220
TJGS	GT1B	218	215	211	221	224	217	221	221	185	164	158	138	167	178	161	154	222	225	225	225	225	222	222	222	222	222	222	222	221
TJGS	ST1C	250	254	244	246	251	238	240	246	198	192	195	191	198	212	211	193	235	258	258	258	258	258	258	258	258	258	258	258	258
TJGS	GT2A	0	0	0	0	0	23	13	22	41	41	64	63	63	62	121	150	150	100	63	65	61	64	64	64	0	0	0	0	0
TJGS	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
TJGS	ST2C	0	0	0	0	0	0	0	0	0	0	0	20	20	47	71	67	70	56	56	57	55	51	44	53	101	79	100	90	
Total CCGT-Gas		6177	5928	5628	5208	5182	4962	4800	4657	4565	4486	4458	4336	4605	4673	4641	4644	4984	5893	6380	6722	6917	6890	6942	6855	6797	6635	6356	6463	
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
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
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
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	0	0	0	0	0	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	HY02	12	12	12	12	12	11	11	11	11	11	11	12	12	12	12	11	12	11	12	12	11	12	11	12	11	12	11	12	11
BSIA	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
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
KNRG	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
KNRG	HY02	24	23	22	22	23	23	22	23	23	23	22	23	23	22	22	23	23	22	23	23	23	23	23	23	23	23	23	23	23
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	0	0	0	0
KNYR	HY01	100	97	97	95	97	97	98	94	99	96	95	95	98	101	98	96	50	58	52	57	60	58	102	99	98	57	56	58	62
KNYR	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
KNYR	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
KNYR	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
LPIA	HY01	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
LPIA	HY02	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	7	7	7	7
MNOR	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
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	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
PGAU	HY04	22	-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	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
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	0	0	0	0
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

