

Availability at Daily Maximum Demand Hour

ST-Coal	2,240 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,030 MW
Hydro	1,714 MW
Distillate	0 MW
Total TNB	7,984 MW
Total IPP	11,044 MW
Total Co-Gen	0 MW
Total System	19,595 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	50,521	14.97 %
Gas	57,058	16.91 %
Hydro	13,853	4.10 %
Total TNB	121,432	35.98 %
ST-Coal	112,284	33.27 %
Gas	102,723	30.44 %
Total IPP	215,007	63.71 %
Co-Gen	911	0.27 %
Total Co-Gen	911	0.27 %
Total Generation	337,350	99.96 %
PLTG	-147	-0.04 %
Interconnection	-147	-0.04 %
Net Energy	337,497	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	17,199 MW
TNB Generation	6,054 MW
IPP Generation	10,040 MW
Spinning Reserve	1,067 MW
Maximum Demand	16,156 MW
Net Energy	337,497 MWH
Load Factor	87.04 %

Fuel Cost

Total Cost:	49,079,007.29 RM
Cost per Unit	15.17 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	480
Hydro	262
Syncon	439
Thermal	43
Total	1,224

Time Weather Temperature

Afternoon	Hot	31
Morning	Sunny	28

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	13568	12847	12246	11996	11858	11617	11823	12004	12344	14095	14981	15696	15599	15217	15793	15905	16022	15747	14459	14184	15298	15133	14661	14200

Gas Usage

Station	(mmscfd)
CBPS	9
GLGR	54
PAKA	93
PGPS	36
SRDG	24
TJGS	215
Total TNB	431
KLPP	99
MPSS	58
PDPS	3
PGLA	88
PKLG	7
PLPS	95
SGRI	197
SKSP	52
YPGS	70
YPKA	137
Total IPP	806
Total Gas	1,237
Total Gas Required	1,237

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	
YPGS	GT12	129	129	130	129	130	128	128	130	130	133	130	131	132	129	130	128	132	134	131	131	131	131	131	132	128
YPGS	ST10	133	133	133	133	133	133	133	136	132	135	133	133	133	133	133	133	132	132	132	132	132	133	133	133	
YPKA	BLK1	369	369	369	369	366	370	370	369	367	367	367	367	367	366	366	368	368	367	367	367	367	369	368	369	
YPKA	BLK2	394	394	393	393	390	390	395	395	393	393	391	391	392	392	396	396	398	398	395	395	394	394	391	391	
PLPS	GT11	120	70	71	70	76	70	71	71	68	67	71	71	79	68	70	70	70	116	108	111	139	138	138	143	
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	144	139	140	134	139	137	131	118	115	
PLPS	GT13	122	89	69	68	76	69	69	70	66	66	70	68	77	69	68	68	67	112	107	108	136	135	138	137	
PLPS	ST18	142	122	98	95	100	99	97	96	96	92	101	97	106	97	101	97	101	140	200	204	216	214	214	213	
SKSP	BLK1	212	294	307	248	343	343	246	229	239	213	344	343	346	343	338	212	289	288	269	295	510	253	304	262	
TJGS	GT1A	219	219	219	221	221	221	217	220	216	217	223	222	220	216	219	180	214	213	180	216	219	219	219	219	
TJGS	GT1B	225	222	222	222	226	224	217	217	220	217	224	222	225	216	219	182	216	216	181	220	220	220	220	220	
TJGS	ST1C	255	255	255	255	255	248	251	248	241	255	255	255	247	252	232	244	238	239	255	255	255	255	255	255	
TJGS	GT2A	224	224	224	224	121	123	123	125	125	123	124	124	160	186	186	185	228	225	225	223	225	225	223	221	
TJGS	GT2B	222	222	222	222	118	121	121	122	120	122	121	156	183	183	183	225	222	222	222	220	220	220	220	220	
TJGS	ST2C	262	262	262	262	213	207	204	207	207	207	207	209	236	236	255	264	262	262	264	264	264	264	264	264	
Total CCGT-Gas		6197	5800	5571	5450	5190	5140	4990	4970	4971	4764	4823	4795	4949	5188	5195	4994	5383	6318	6933	7367	7503	7398	7530	7526	
CBPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	76	78	78	78	79	78	
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	
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	
PKLG	GT08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	62	62	62	62	61	62	
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	
SRDG	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	71	70	70	70	70	70	
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	
SRDG	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	
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119	89	90	90	91	90	89	
Total CCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130	133	270	297	300	299	301	
BSLA	HY01	11	11	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	18	18	18	18	18	
BSLA	HY02	11	12	11	11	12	12	12	12	12	12	12	12	12	12	12	11	12	12	12	12	12	11	11	12	
BSLA	HY03	14	15	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	22	23	22	22	22	23	23	
CEND	HY01	7	7	7	7	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
CEND	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	
CEND	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
KNRG	HY01	20	24	23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	21	22	24	24	
KNRG	HY02	36	37	37	36	37	38	38	38	38	38	38	38	38	38	38	38	38	37	37	38	38	38	38	38	
KNRG	HY03	20	21	22	21	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	21	21	21	22	
KNYR	HY02	99	61	15	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	100	99	100	99	99	99	100	
KNYR	HY03	55	100	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99	99	96	100	96	95	93	
KNYR	HY04	95	63	59	60	65	63	56	58	60	57	66	62	105	62	61	55	60	54	59	87	97	103	97	96	
LPIA	HY01	9	11	10	10	11	11	10	10	10	9	11	10	12	11	10	18	18	18	18	18	17	17	17	17	
LPIA	HY02	8	7	7	8	8	8	8	8	8	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
PGAU	HY01	19	19	19	19	19	20	19	19	20	20	20	20	23	20	20	20	20	21	21	20	20	81	82	82	
PGAU	HY02	20	20	20	-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	
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	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49	48	0	0	0	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	30	0	0	0	

