

Availability at Daily Maximum Demand Hour

ST-Coal	2,350 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,068 MW
Hydro	1,723 MW
Distillate	0 MW
Total TNB	8,141 MW
Total IPP	10,847 MW
Total Co-Gen	0 MW
Total System	19,270 MW

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	17,716 MW
TNB Generation	6,326 MW
IPP Generation	10,179 MW
Spinning Reserve	1,160 MW
Maximum Demand	16,528 MW
Net Energy	337,757 MWH
Load Factor	85.15 %

Gas Usage

Station	(mmscfd)
CBPS	12
GLGR	55
PAKA	91
PGPS	38
SRDG	26
TJGS	211
Total TNB	432
KLPP	100
MPSS	38
PDPS	22
PGLA	96
PKLG	13
PLPS	103
PTEK	18
SGB3	93
SGRI	175
YPGS	68
YPKA	122
Total IPP	848
Total Gas	1,280
Total Gas Required	1,280

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
ST-Coal	52,777	15.63 %
Gas	56,092	16.61 %
Hydro	14,434	4.27 %
Total TNB	123,303	36.51 %
ST-Coal	107,348	31.78 %
Gas	106,222	31.45 %
Total IPP	213,570	63.23 %
Co-Gen	1,340	0.40 %
Total Co-Gen	1,340	0.40 %
Total Generation	338,213	100.14 %
PLTG	-182	-0.05 %
HVDC	638	0.19 %
Interconnection	456	0.14 %
Net Energy	337,757	100.00 %

Fuel Cost

Total Cost:	49,554,835.09 RM
Cost per Unit	15.30 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	407
Hydro	353
Syncon	348
Thermal	139
Total	1,247

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	27

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	12892	12322	11646	11404	11305	11119	11266	11449	12082	14170	15196	15905	15885	15616	16106	16396	16528	16095	14895	14478	15635	15512	15013	14582

Daily MW Generation on Monday

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
PGAU	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
PGAU	HY02	-1	-1	-1	-1	-1	19	-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	20	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	-1	-1	-1	21	-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
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
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
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
SYPS	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
SYPS	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
TMGR	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
TMGR	HY02	35	39	38	37	36	31	36	33	35	27	36	37	37	36	38	84	85	86	84	85	84	38	36	35
TMGR	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
TMGR	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
UPIA	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
UPIA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Hydro		312	273	278	279	242	247	238	232	241	169	197	208	184	196	178	177	178	453	503	933	796	805	993	1041
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	36	34	34	33	33	33	34	33	33	35	35	35	34	33	37	34	33	33	31	32	32	30	32	31
PCUF	CUFK	25	25	25	26	27	28	27	28	27	24	27	28	26	28	27	27	29	26	25	23	23	22	21	21
Total Co-Gen		61	59	59	59	60	61	61	61	60	59	62	63	61	62	60	64	61	62	59	56	55	55	52	53
Total Gen		12824	12424	12309	11923	11742	11540	11471	11271	11274	11166	11148	11230	11276	11602	11475	11521	12120	13393	14159	14866	15224	15990	15856	16013
TIE-BGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		-29	-29	-30	31	30	30	30	31	31	30	30	30	30	30	30	30	30	31	31	31	31	31	31	31
TIE-PLTG		-39	6	17	25	66	35	36	12	-62	17	-1	-32	-20	97	-4	-37	8	-2	-41	4	-3	10	-79	
Interconnection		-68	-23	-13	56	96	65	67	42	-31	48	29	-2	10	127	26	-7	38	28	-11	34	28	41	-49	
System Total		12892	12447	12322	11867	11646	11475	11404	11229	11305	11118	11119	11232	11266	11475	11449	11528	12082	13275	14170	14831	15196	15549	15905	16031
SRev ST-Coal		-14	22	32	22	39	58	39	41	41	33	33	28	25	33	29	22	41	24	18	124	54	125	192	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	19	18	36	121	
SRev CCGT-Gas		298	690	530	697	825	1014	1093	1285	1290	1333	1382	1317	1333	1254	1463	1524	1274	630	550	443	405	389	431	
SRev ST-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
SRev Co-Gen		-17	-15	-15	-15	-16	-17	-17	-17	-16	-15	-18	-19	-17	-18	-16	-20	-17	-18	-15	-12	-11	-11	-8	
Syncon		625	726	726	575	726	575	726	726	726	676	676	827	827	827	827	827	625	474	302	302	302	302	302	
Hydro		187	125	120	270	156	302	160	166	157	229	251	240	113	101	119	120	119	46	147	117	304	295	357	
S.Reserve Total		1079	1548	1393	1549	1730	1932	2001	2201	2198	2306	2324	2242	2281	2197	2422	2473	2244	1307	1174	1018	1073	1118	1310	