

Availability at Daily Maximum Demand Hour

ST-Coal	2,240 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,021 MW
Hydro	1,724 MW
Distillate	0 MW
Total TNB	7,985 MW
Total IPP	10,234 MW
Total Co-Gen	0 MW
Total System	18,219 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	46,014	14.10 %
Gas	71,825	22.01 %
Hydro	21,142	6.48 %
Total TNB	138,981	42.60 %
ST-Coal	101,061	30.97 %
ST-Gas	3,864	1.18 %
Gas	80,186	24.58 %
Total IPP	185,111	56.74 %
Co-Gen	1,884	0.58 %
Total Co-Gen	1,884	0.58 %
Total Generation	325,976	99.91 %
PLTG	406	0.12 %
HVDC	-702	-0.22 %
Interconnection	-296	-0.09 %
Net Energy	326,272	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	16,751 MW
TNB Generation	7,012 MW
IPP Generation	8,676 MW
Spinning Reserve	986 MW
Maximum Demand	15,753 MW
Net Energy	326,272 MWH
Load Factor	86.29 %

Fuel Cost

Total Cost:	46,398,605.26 RM
Cost per Unit	15.24 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	642
Hydro	430
Syncon	135
Thermal	56
Total	1,263

Time	Weather	Temperature
Afternoon	Rainy	35
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	28
GLGR	56
PAKA	170
PGGS	3
PGPS	41
SRDG	51
TJGS	219
Total TNB	569
KLPP	79
MPSS	53
PDPS	14
PGLA	107
PKLG	11
PTEK	8
SGB3	81
SGRI	162
SKSP	54
YPKA	69
PKLG	39
Total IPP	677
Total Gas	1,246
Total Gas Required	1,246

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	12796	12244	11790	11375	11257	11025	11341	11533	11789	13575	14392	15195	15065	14778	15469	15649	15678	15165	14101	13890	14778	14697	14189	13755

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	
LPIA	HY01	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
LPIA	HY02	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
MNOR	HY01	9	9	9	9	6	6	6	6	6	6	6	6	6	6	9	8	8	8	8	8	8	8	8	8	
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	83	82	23	23	22	22	21	21	21	21	21	
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	22	22	22	22	22	22	22	22	22	
PGAU	HY03	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	23	22	22	22	22	22	22	22	
PGAU	HY04	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	22	22	22	22	22	22	22	22	22	
SIHY	HY01	50	50	49	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	
SIHY	HY03	50	49	50	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	
SYPS	HY01	16	16	16	0	0	0	0	0	0	0	0	0	0	0	16	16	16	16	16	16	16	16	16	16	
SYPS	HY02	16	0	0	0	0	0	0	0	0	10	25	25	25	25	25	16	16	16	16	16	16	16	16	16	
SYPS	HY03	16	0	0	0	0	0	0	0	0	25	25	25	25	25	16	16	16	16	16	16	16	16	16	16	
SYPS	HY04	16	16	16	0	0	0	0	0	0	0	0	0	0	0	16	16	16	16	16	16	16	16	16	16	
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	34	59	59	78	84	85	85	81	83	83	
TMGR	HY02	58	33	35	37	31	32	31	33	33	32	28	30	33	36	30	31	33	32	59	58	59	83	85	85	
TMGR	HY03	58	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	59	59	59	85	85	83	84	83	
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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Total Hydro		833	675	682	556	532	536	533	539	535	532	533	580	587	596	580	582	575	610	801	868	832	993	1104	1100	
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	47	45	45	44	44	43	43	44	44	44	43	44	42	42	42	42	42	40	44	45	44	44	46	45	
PCUF	CUFK	36	35	35	33	35	35	38	36	36	38	39	42	40	41	41	41	40	40	38	37	36	35	33	33	
Total Co-Gen		83	80	80	77	79	78	81	80	79	82	83	86	83	85	83	83	82	82	83	78	77	80	80	77	
Total Gen		12745	12535	12175	11959	11769	11596	11375	11371	11257	11147	11025	11211	11341	11705	11533	11461	11789	12868	13575	13979	14392	14876	15195	15408	
TIE-EGAT		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	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		-22	-18	-40	-70	8	29	23	-31	-10	-5	19	-14	29	18	-2	17	16	35	-19	55	-33	10	35	-33	
Interconnection		-51	-48	-69	-100	-21	0	-6	-61	-39	-34	-10	-44	0	-11	-31	27	-13	6	-47	27	-63	-20	6	-62	
System Total		12796	12583	12244	12059	11790	11596	11375	11371	11257	11147	11025	11211	11341	11705	11533	11461	11789	12868	13575	13979	14392	14876	15195	15408	
SRev ST-Coal		20	10	-9	2	54	39	194	135	133	68	13	18	30	-12	71	14	25	35	52	49	48	33	22	19	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	194	190	176	201	238	295	344	
SRev CCGT-Gas		425	439	278	107	238	427	1037	1190	1324	1414	1569	1462	1280	980	1171	1376	1438	863	681	686	591	353	179	163	
SRev ST-Gas		0	0	0	0	29	29	32	33	37	38	38	37	37	37	37	38	40	25	7	13	15	6	33	6	
SRev Co-Gen		-7	-4	-4	-1	-3	-2	-5	-4	-3	-6	-7	-10	-7	-9	-7	-7	-6	-6	-7	-2	-1	-4	-4	-1	
Syncon		385	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	536	453	0	0	0	0	0	0
Hydro		272	107	100	76	100	96	99	93	97	100	124	102	95	86	102	100	107	153	197	583	619	608	622	626	
S.Reserve Total		1095	1171	984	803	1037	1208	1976	2066	2207	2233	2356	2229	2054	1701	1993	2139	2221	1623	1401	1517	1460	1181	1026	1078	