

Availability at Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,177 MW
Hydro	1,857 MW
Distillate	0 MW
Total TNB	6,414 MW
Total IPP	11,317 MW
Total Co-Gen	0 MW
Total System	18,301 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	38,682	11.97 %
Gas	47,389	14.67 %
Hydro	23,471	7.27 %
Total TNB	109,542	33.91 %
ST-Coal	114,265	35.37 %
Gas	98,128	30.38 %
Total IPP	212,393	65.75 %
Co-Gen	1,315	0.41 %
Total Co-Gen	1,315	0.41 %
Total Generation	323,250	100.07 %
PLTG	289	0.09 %
HVDC	-79	-0.02 %
Interconnection	210	0.07 %
Net Energy	323,040	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	16,151 MW
TNB Generation	4,954 MW
IPP Generation	10,363 MW
Spinning Reserve	781 MW
Maximum Demand	15,328 MW
Net Energy	323,040 MWH
Load Factor	87.81 %

Fuel Cost

Total Cost:	43,873,535.18 RM
Cost per Unit	14.64 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	237
Hydro	321
Syncon	264
Thermal	65
Total	887

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	30
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	55
PAKA	9
PGGS	17
PGPS	51
SRDG	81
TJGS	170
Total TNB	383

KLPP	97
MPSS	21
PDPS	55
PGLA	94
PKLG	25
PLPS	95
PTEK	36
SGB3	91
SGRI	165
SKSP	53
YPKA	68
Total IPP	800

Total Gas	1,184
Total Gas Required	1,184

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	13074	12286	11784	11558	11350	11297	11508	11616	11827	13405	14333	14908	14900	14442	14727	15181	15204	14927	14019	13795	14597	14437	13757	13512



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
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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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
PGAU	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
PGAU	HY03	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGAU	HY04	-1	-1	-1	-1	19	-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
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
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	0	0	0	0	0	0	33	33	32	33	34	35	31	33	33	33	32	33	35	83	84	82	82	82
TMGR	HY03	31	32	31	33	31	31	32	32	33	32	31	33	34	30	31	33	33	30	32	34	83	83	83	83
TMGR	HY04	33	35	34	35	34	34	35	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	80	79	78	35	
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
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		650	540	534	540	550	535	538	633	635	631	651	658	686	641	705	707	706	781	813	821	1174	1201	1734	
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	CUFK	17	16	17	16	16	17	16	15	15	17	16	16	16	16	16	16	16	16	15	14	14	15	14	
PCUF	CUFG	41	39	41	39	40	41	40	41	41	40	39	41	41	40	41	40	40	39	39	38	40	38	38	
Total Co-Gen		58	55	58	55	56	58	57	57	56	55	57	55	57	56	54	55	55	54	53	54	53	55	53	
Total Gen		13059	12636	12329	12171	11885	11763	11583	11554	11411	11286	11331	11456	11547	11757	11666	11673	11852	12921	13496	14011	14349	14674	14614	
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	
TIE-HVDC		30	30	30	29	29	30	30	30	30	30	31	31	31	31	31	31	30	30	31	31	30	30	30	
TIE-PLTG		-45	69	13	60	72	-21	-5	19	30	-34	4	49	8	64	20	-11	-5	74	60	-78	-14	-70		
Interconnection		-15	99	43	89	101	9	25	50	61	-4	34	80	39	94	50	19	25	104	91	-48	16	-39		
System Total		13074	12537	12286	12082	11784	11754	11558	11504	11350	11290	11297	11376	11508	11663	11616	11654	11827	12817	13405	14059	14333	14713	14908	
SRev ST-Coal		158	160	143	157	200	139	167	177	152	158	150	165	149	170	158	173	223	168	121	89	60	115		
SRev 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	
SRev CCGT-Gas		566	671	850	806	1060	1232	1386	1500	1669	1783	1768	1633	1588	1312	1384	1240	1532	865	540	64	176	44		
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	
SRev Co-Gen		18	21	18	21	20	18	19	19	20	21	19	21	19	18	20	19	21	19	20	22	21	21	22	
Sycon		536	536	536	536	585	536	536	624	624	775	624	624	473	624	624	624	624	624	453	302	0	0	302	
Hydro		334	194	200	194	335	199	196	200	198	201	332	325	448	342	328	327	328	402	395	412	230	354	123	
S.Reserve Total		1612	1582	1747	1714	2000	2124	2304	2520	2663	2938	2893	2768	2677	2467	2512	2384	2726	2080	1699	1209	941	836	468	