

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,757 MW
Hydro	1,617 MW
Distillate	0 MW
Total TNB	7,444 MW
Total IPP	10,074 MW
Total Co-Gen	0 MW
Total System	17,518 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	55,159	19.15 %
Gas	56,187	19.51 %
Hydro	9,347	3.25 %
Total TNB	120,693	41.91 %
ST-Coal	71,744	24.91 %
ST-Gas	88	0.03 %
Gas	94,160	32.69 %
Total IPP	165,992	57.63 %
Co-Gen	1,688	0.59 %
Total Co-Gen	1,688	0.59 %
Total Generation	288,373	100.12 %
PLTG	-336	-0.12 %
EGAT	-33	-0.01 %
HVDC	727	0.25 %
Interconnection	358	0.12 %
Net Energy	288,015	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:	21:00:00 Hour
Total Set On Bus	14,702 MW
TNB Generation	5,596 MW
IPP Generation	7,963 MW
Spinning Reserve	1,062 MW
Maximum Demand	13,619 MW
Net Energy	288,015 MWH
Load Factor	88.12 %

Fuel Cost

Total Cost:	40,609,795.16 RM
Cost per Unit	14.55 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	340
Hydro	249
Syncon	517
Thermal	85
Total	1,191

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	3
GLGR	57
PAKA	102
PGPS	24
SRDG	6
TJGS	222
Total TNB	415

KLPP	98
MPSS	31
PDPS	3
PGLA	95
PLPS	97
SGB3	50
SGRI	202
SKSP	36
YPKA	124
PCLG	1
Total IPP	737
Total Gas	1,151

Total Gas Required 1,151

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	12523	11980	11551	11260	11018	10793	10859	10576	10046	10788	11599	12023	12250	12215	12399	12636	12777	12451	11939	12343	13501	13619	13429	13166

Daily MW Generation on Sunday

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
TMGR	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
UPIA	HY01	0	1	4	4	7	4	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPIA	HY02	6	6	4	4	3	3	3	3	2	3	3	3	3	3	2	2	3	3	2	2	0	0	0	0
Total Hydro		212	268	244	257	227	274	269	259	244	187	180	175	177	233	201	178	188	277	259	255	235	262	320	348
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	25	28	31	31	33	34	37	39	39	40	40	40	40	39	41	40	39	38	39	38	39	38	38	43
PCUF	CUFK	28	29	29	29	29	27	32	27	28	28	30	27	29	27	28	28	26	26	25	25	24	24	22	25
Total Co-Gen		53	57	60	60	62	61	69	66	67	68	70	67	69	67	68	65	64	63	68	68	67	65	69	70
Total Gen		12561	12323	12616	11739	11565	11485	11235	11128	11041	10949	10869	10858	10870	10756	10580	10160	10050	10504	10811	11168	11609	11849	12072	12227
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		30	30	31	31	30	30	30	30	30	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30
TIE-PLTG		8	-74	6	4	-17	-10	-55	-38	-7	17	46	16	-20	8	-25	28	-26	-20	-7	-3	-21	-30	19	
Interconnection		38	-45	36	35	14	21	-25	-8	23	48	76	47	11	39	4	58	4	10	23	27	10	1	49	
System Total		12523	12368	11980	11704	11551	11464	11260	11136	11018	10901	10793	10811	10859	10717	10576	10102	10046	10494	10788	11141	11599	11848	12023	
SRev ST-Coal		-50	-3	31	30	38	0	211	229	235	225	241	250	256	447	495	622	726	711	674	515	459	435	459	
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	0
SRev CCGT-Gas		558	392	439	380	518	322	364	440	507	553	612	606	592	540	654	901	752	576	891	811	630	580	458	
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		23	19	16	16	14	15	7	10	9	8	6	9	7	9	8	9	6	7	9	10	11	12	13	
Syncon		827	827	676	827	827	827	827	525	827	827	827	827	827	827	827	827	676	827	827	827	827	726	575	
Hydro		171	115	283	119	149	102	107	117	411	127	134	139	137	89	121	144	134	221	158	142	132	125	168	
S.Reserve Total		1529	1350	1445	1372	1546	1266	1516	1623	1687	1740	1820	1831	1819	1912	2105	2503	2445	2191	2539	2305	2059	1979	1824	