

Availability at Daily Maximum Demand Hour

ST-Coal	2,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,045 MW
Hydro	1,662 MW
Distillate	0 MW
Total TNB	7,787 MW
Total IPP	10,658 MW
Total Co-Gen	0 MW
Total System	19,012 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	52,756	15.40 %
Gas	63,525	18.54 %
Hydro	9,685	2.83 %
Total TNB	125,966	36.77 %
ST-Coal	112,528	32.85 %
Gas	103,830	30.31 %
Total IPP	216,358	63.16 %
Co-Gen	946	0.28 %
Total Co-Gen	946	0.28 %
Total Generation	343,270	100.20 %
PLTG	305	0.09 %
EGAT	397	0.12 %
Interconnection	702	0.20 %
Net Energy	342,568	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:	16:00:00 Hour
Total Set On Bus	17,534 MW
TNB Generation	6,272 MW
IPP Generation	10,153 MW
Spinning Reserve	1,073 MW
Maximum Demand	16,447 MW
Net Energy	342,568 MWH
Load Factor	86.78 %

Fuel Cost

Total Cost:	53,669,154.95 RM
Cost per Unit	16.08 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	324
Hydro	378
Syncon	456
Thermal	91
Total	1,249

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Cloudy	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	13654	12911	12503	12172	11830	11710	11977	11920	12353	14184	15095	15665	15739	15418	15947	16362	16448	16055	14823	14521	15760	15484	15005	14740

Gas Usage

Station	(mmscfd)
CBPS	0
CBPS	9
GLGR	56
PAKA	140
PGPS	43
SRDG	37
TJGS	206
Total TNB	490
KLPP	102
MPSS	59
PDPS	33
PGLA	109
PKLG	23
PLPS	95
PTEK	20
SGRI	189
YPGS	70
YPKA	136
Total IPP	835
Total Gas	1,326
Total Gas Required	1,326

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
MNOR	HY01	4	4	4	4	4	4	4	4	4	4	4	8	8	8	8	8	6	6	8	8	4	4	4	4
PGAU	HY01	0	0	0	0	0	0	0	0	0	0	0	85	21	114	0	21	21	21	21	113	20	23	84	0
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	20	19	19	24	22	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	21	-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	82	-1	-1	21	21	-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	25	25	25	25	25	25	25	25	25	25	25	25	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25	25	25	25	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	25	24	25	25	25	25	24	24	24	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	-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	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
TMGR	HY04	32	31	36	43	40	33	43	37	35	36	42	44	44	45	33	40	37	36	36	33	35	41	35	37
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		171	169	168	206	177	162	186	170	167	167	184	188	188	191	206	178	184	260	258	549	499	689	581	806
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	CUPG	2	2	3	2	2	1	0	1	2	4	2	4	6	5	3	4	3	3	2	4	2	2	4	3
PCUF	CUFK	38	37	39	40	40	41	40	41	41	40	40	39	38	36	35	34	35	33	31	31	33	34	33	32
Total Co-Gen		40	39	42	42	42	40	42	43	44	42	44	44	41	40	40	41	39	38	37	34	34	36	36	36
Total Gen		13733	13412	12911	12747	12567	12452	12214	11911	11857	11695	11708	11724	11953	12142	11955	11908	12355	13316	14090	14748	15092	15391	15699	
TIE-EGAT		62	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		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-PLTG		16	3	0	-8	64	85	42	84	27	32	-2	16	-24	-11	35	17	2	19	-94	-40	-3	-1	34	
Interconnection		79	63	0	-8	64	85	42	84	27	32	-2	16	-24	-11	35	17	2	19	-94	-40	-3	-1	34	
System Total		13654	13349	12911	12755	12503	12367	12172	11827	11830	11663	11710	11708	11977	12153	11920	11891	12353	13297	14184	14788	15095	15392	15665	
SRev ST-Coal		547	515	389	280	220	203	158	311	217	236	198	217	218	146	106	49	21	148	55	34	28	149	20	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	95	87	172	110	211	
SRev CCGT-Gas		676	766	1107	1152	1361	1455	1713	1855	1937	1981	1821	1792	1562	1447	1810	1883	1469	832	529	341	150	106	142	
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		36	37	34	34	34	34	36	34	33	32	34	32	32	33	32	35	36	36	35	37	38	39	42	
Syncon		720	720	720	569	720	720	720	720	720	720	720	720	569	720	720	720	569	487	487	637	385	234	385	
Hydro		133	135	136	249	127	142	119	134	137	137	120	116	116	113	249	126	120	123	123	314	382	224	288	
S.Reserve Total		2112	2173	2386	2284	2462	2554	2746	3054	3044	3106	2893	2877	2648	2459	2766	2813	2366	1859	1462	1295	1135	1100	1366	