

Availability at Daily Maximum Demand Hour

ST-Coal	2,390 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,944 MW
Hydro	1,859 MW
Distillate	0 MW
Total TNB	8,193 MW
Total IPP	10,873 MW
Total Co-Gen	0 MW
Total System	19,348 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:	14:30:00 Hour
Total Set On Bus	17,484 MW
TNB Generation	6,456 MW
IPP Generation	9,763 MW
Spinning Reserve	1,212 MW
Maximum Demand	16,248 MW
Net Energy	342,041 MWH
Load Factor	87.71 %

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	55
PAKA	96
PGPS	47
SRDG	25
TJGS	211
Total TNB	492
KLPP	99
MPSS	60
PDPS	8
PGLA	109
PKLG	7
PLPS	97
PTEK	4
SGB3	88
SGRI	168
YPGS	70
YPKA	137
Total IPP	846
Total Gas	1,337
Total Gas Required	1,337

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
ST-Coal	52,220	15.27 %
Gas	62,295	18.21 %
Hydro	13,708	4.01 %
Total TNB	128,223	37.49 %
ST-Coal	106,780	31.22 %
Gas	106,727	31.20 %
Total IPP	213,507	62.42 %
Co-Gen	1,387	0.41 %
Total Co-Gen	1,387	0.41 %
Total Generation	343,117	100.31 %
PLTG	346	0.10 %
HVDC	730	0.21 %
Interconnection	1,076	0.31 %
Net Energy	342,041	100.00 %

Fuel Cost

Total Cost:	51,851,927.05 RM
Cost per Unit	15.72 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	423
Hydro	401
Syncon	406
Thermal	139
Total	1,369

Time Weather Temperature

Afternoon	Hot	33
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	13850	13034	12567	12360	12012	11869	12103	12101	12503	14201	15235	15864	15719	15399	15921	16026	16105	15710	14698	14313	15549	15425	14939	14436

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
PGAU	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
PGAU	HY04	-1	-1	-1	-1	20	-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	38	29	35	33	34	33	33	29	30	31	36	39	38	34	35	31	37	30	24	33	48	58	62	49
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	-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	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		428	270	215	232	240	220	223	203	196	190	190	230	271	261	189	187	192	181	362	726	787	918	895	
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	
PCUF	CUFG	32	32	31	34	34	33	34	32	31	34	34	32	32	30	29	29	29	29	29	29	29	29	29	29
PCUF	CUFK	26	26	28	29	29	30	29	30	27	30	29	28	31	29	27	28	26	26	24	24	25	25	24	23
Total Co-Gen		58	58	59	63	63	63	62	58	64	63	60	63	61	61	62	58	58	56	53	54	54	53	48	
Total Gen		13833	13443	13066	12843	12555	12460	12324	12150	12049	11925	11895	11815	12063	12247	12146	12020	12630	12582	14258	15051	15283	15497	15873	
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		31	31	31	31	30	30	29	29	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31
TIE-PLTG		-47	-1	1	-16	-42	-44	-66	36	6	45	-5	-36	-71	-10	15	-12	96	66	27	77	18	37	-22	
Interconnection		-17	29	32	15	-12	-13	-36	65	37	76	26	-5	-40	21	45	18	127	96	57	107	48	67	9	
System Total		13850	13414	13034	12828	12567	12473	12360	12085	12012	11849	11869	11820	12103	12226	12101	12002	12503	13486	14201	14944	15235	15450	15864	
SRev ST-Coal		199	203	183	197	202	198	196	210	198	242	316	474	454	449	451	448	290	242	159	185	174	118	102	
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		539	697	1040	1310	1601	1680	1821	2046	2148	2228	2264	2220	2022	1873	1896	2024	1579	701	714	479	423	342	280	
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		-14	-14	-15	-19	-19	-19	-18	-14	-20	-19	-16	-19	-19	-17	-17	-18	-14	-14	-12	-9	-10	-10	-9	
Syncon		625	726	827	827	676	827	827	827	827	827	827	827	827	827	827	827	625	539	539	388	539	539	539	
Hydro		188	145	99	82	225	94	91	111	118	124	124	235	194	204	125	105	98	109	130	347	336	356	228	
S.Reserve Total		1545	1765	2142	2405	2693	2788	2924	3184	3285	3409	3520	3597	3335	3191	3290	3393	2784	1873	1622	1538	1461	1286		