

Availability at Daily Maximum Demand Hour

ST-Coal	2,970 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,537 MW
Hydro	1,673 MW
Distillate	0 MW
Total TNB	8,180 MW
Total IPP	10,134 MW
Total Co-Gen	0 MW
Total System	18,881 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	67,518	20.18 %
Gas	58,829	17.58 %
Hydro	11,163	3.34 %
Total TNB	137,510	41.09 %
ST-Coal	99,569	29.76 %
Gas	97,571	29.16 %
Total IPP	197,140	58.92 %
Co-Gen	1,172	0.35 %
Total Co-Gen	1,172	0.35 %
Total Generation	335,822	100.36 %
PLTG	481	0.14 %
EGAT	-3	0.00 %
HVDC	729	0.22 %
Interconnection	1,207	0.36 %
Net Energy	334,615	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:	15:00:00 Hour
Total Set On Bus	17,628 MW
TNB Generation	6,864 MW
IPP Generation	9,495 MW
Spinning Reserve	1,223 MW
Maximum Demand	16,367 MW
Net Energy	334,615 MWH
Load Factor	85.18 %

Fuel Cost

Total Cost:	48,985,998.97 RM
Cost per Unit	15.12 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	474
Hydro	341
Syncon	424
Thermal	41
Total	1,280

Time Weather Temperature

Afternoon	Hot	36
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
CBPS	17
GLGR	53
PAKA	139
SRDG	42
TJGS	206
Total TNB	457
KLPP	87
MPSS	59
PDPS	13
PGLA	105
PKLG	16
PLPS	92
PTEK	13
SGRI	171
SKSP	23
YPGS	68
YPKA	124
Total IPP	771
Total Gas	1,228
Total Gas Required	1,228

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	12666	12240	11820	11340	11263	11133	11219	11465	12066	13958	15072	15711	15748	15540	16064	16367	16271	15719	14701	14400	15035	14965	14534	14209

Daily MW Generation on Monday

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
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
TMGR	HY01	-1	-1	-1	-1	-1	-1	30	26	22	18	24	33	35	34	24	44	35	33	31	35	37	33	32	27
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	26	28	35	34	33	35	33	-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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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		158	162	171	169	191	174	167	164	154	144	135	149	168	197	172	154	252	283	238	455	585	677	775	912
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	8	9	9	8	10	7	8	9	8	9	8	8	9	9	10	8	8	10	8	9	8	6	6	6
PCUF	CUFK	42	41	41	41	41	41	40	40	42	41	43	41	41	40	40	41	42	40	38	41	40	41	40	39
Total Co-Gen		50	50	50	49	51	48	48	49	50	50	52	49	49	49	49	49	49	49	49	49	49	49	49	49
Total Gen		12718	12491	12263	12150	11828	11708	11412	11333	11308	11238	11078	11143	11257	11559	11525	11471	12077	13234	13989	14692	15133	15545	15759	
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	30	30	30	30	31	31	31	31	30	30	31	31	31	31	31	31	30	30	30	30	30	30	30
TIE-PLTG		22	-10	-7	1	-23	-19	41	-7	15	23	-85	8	7	19	30	84	-20	0	0	31	30	61	18	
Interconnection		52	20	23	31	8	12	72	23	45	53	-55	39	38	49	60	115	11	30	31	62	61	91	48	
System Total		12666	12471	12240	12119	11820	11696	11340	11310	11263	11185	11133	11104	11219	11510	11465	11356	12066	13264	13958	14630	15072	15484	15711	
SRev ST-Coal		99	29	77	51	44	87	91	54	92	88	246	248	258	269	132	142	-119	47	25	60	51	33		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	69	-42	27	53		
SRev CCGT-Gas		644	576	833	1000	1390	1504	1696	1820	1880	1964	1959	1878	1773	1488	1875	1924	1684	873	368	289	347	192		
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		26	26	26	27	25	28	28	27	26	24	27	27	27	26	27	25	27	27	27	27	27	27	27	
Syncon		724	724	724	724	573	724	724	723	723	723	723	723	723	572	723	723	723	723	622	622	389	389		
Hydro		138	134	126	128	257	122	130	134	143	152	161	148	130	252	126	146	151	120	165	342	288	480		
S.Reserve Total		1631	1489	1786	1930	2289	2465	2669	2758	2864	2953	3113	3024	2911	2607	2883	2962	2464	1790	1388	1409	1293	1148		