

Availability at Daily Maximum Demand Hour

ST-Coal	3,040 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,194 MW
Hydro	1,672 MW
Distillate	0 MW
Total TNB	8,906 MW
Total IPP	10,123 MW
Total Co-Gen	0 MW
Total System	19,029 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	66,894	20.38 %
Gas	68,924	21.00 %
Hydro	11,344	3.46 %
Total TNB	147,162	44.84 %
ST-Coal	73,715	22.46 %
ST-Gas	101	0.03 %
Gas	105,812	32.24 %
Total IPP	179,628	54.73 %
Co-Gen	1,474	0.45 %
Total Co-Gen	1,474	0.45 %
Total Generation	328,264	100.01 %
PLTG	-689	-0.21 %
HVDC	729	0.22 %
Interconnection	40	0.01 %
Net Energy	328,224	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	16,660 MW
TNB Generation	7,141 MW
IPP Generation	8,309 MW
Spinning Reserve	1,152 MW
Maximum Demand	15,571 MW
Net Energy	328,224 MWH
Load Factor	87.83 %

Fuel Cost

Total Cost:	52,362,669.03 RM
Cost per Unit	16.52 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	317
Hydro	282
Syncon	473
Thermal	86
Total	1,158

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	48
GLGR	56
PAKA	137
PGPS	48
SRDG	25
TJGS	215
Total TNB	528
KLPP	105
MPSS	63
PDPS	9
PGLA	113
PKLG	8
PLPS	95
SGB3	51
SGRI	198
SKSP	54
YPKA	136
PKLG	1
Total IPP	834
Total Gas	1,362
Total Gas Required	1,362

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	13260	12562	12141	11828	11628	11324	11626	11454	12037	13743	14678	15234	15236	14795	15002	15488	15516	15104	14024	13945	14812	14522	14100	13659

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
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	33	32	28	28	27	30	27	26	30	33	25	25	31	35	29	31	36	33	33	38	66	70	72	77
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	-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	HY02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		194	191	182	185	181	206	178	174	182	189	172	171	186	214	197	184	193	191	289	476	736	870	840	
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	35	35	35	35	35	35	36	34	36	36	36	35	37	36	37	37	36	35	35	35	35	35	34	35
PCUF	CUFK	26	27	28	27	27	29	27	29	29	31	28	29	28	29	29	28	27	28	24	23	24	22	24	25
Total Co-Gen		61	62	63	62	62	64	63	65	65	67	64	65	66	66	64	64	63	59	57	58	56	58	61	
Total Gen		13297	12961	12573	12432	12128	12150	11870	11729	11662	11630	11419	11445	11654	11704	11543	11540	12038	13025	13733	14235	14742	15049	15230	
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		29	30	30	31	31	31	30	30	31	31	31	31	31	31	31	30	31	31	31	31	30	30	30	30
TIE-PLTG		8	-59	-19	-26	-44	-28	11	8	3	7	64	62	-2	0	59	-33	-30	31	-39	-47	33	-15	-35	
Interconnection		37	-29	11	5	-13	3	42	39	34	38	95	93	28	31	89	-2	1	62	-10	-16	64	16	-4	
System Total		13260	12990	12562	12427	12141	12147	11828	11690	11628	11592	11324	11352	11626	11673	11454	11542	12037	12963	13743	14251	14678	15033	15234	
SRev ST-Coal		-38	6	29	30	32	38	29	39	31	38	70	53	19	25	37	40	34	49	41	121	180	66	60	
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		474	582	770	912	1210	1209	1469	1596	1681	1713	1877	1864	1704	1677	1809	1797	1454	929	327	362	207	269	233	
SRev ST-Gas		37	33	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		15	14	13	14	14	12	13	13	11	11	9	12	12	11	11	10	10	12	12	13	14	13	17	
Syncon		825	825	825	825	825	674	825	825	825	825	825	825	825	674	674	825	825	825	674	638	537	453	453	
Hydro		127	130	139	136	140	266	143	147	139	132	149	150	135	258	275	137	128	130	258	292	133	334	364	
S.Reserve Total		1440	1590	1776	1917	2221	2199	2479	2620	2687	2719	2930	2904	2695	2645	2806	2809	2451	1945	1312	1426	1071	1201	1129	