

Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,308 MW
Hydro	1,690 MW
Distillate	0 MW
Total TNB	9,078 MW
Total IPP	9,981 MW
Total Co-Gen	88 MW
Total System	19,711 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	67,759	20.85 %
Gas	62,113	19.11 %
Hydro	11,927	3.67 %
Total TNB	141,799	43.64 %
ST-Coal	88,450	27.22 %
Gas	92,793	28.56 %
Total IPP	181,243	55.77 %
Co-Gen	816	0.25 %
Total Co-Gen	816	0.25 %
Total Generation	323,858	99.66 %
PLTG	-374	-0.12 %
HVDC	-726	-0.22 %
Interconnection	-1,100	-0.34 %
Net Energy	324,958	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	16,949 MW
TNB Generation	7,003 MW
IPP Generation	8,513 MW
Spinning Reserve	1,399 MW
Maximum Demand	15,598 MW
Net Energy	324,958 MWH
Load Factor	86.80 %

Fuel Cost

Total Cost:	46,364,331.23 RM
Cost per Unit	14.86 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	382
Hydro	385
Syncon	450
Thermal	186
Total	1,403

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	38
GLGR	55
PAKA	128
PGPS	40
SRDG	10
TJGS	202
Total TNB	472
KLPP	89
MPSS	49
PGLA	86
PLPS	89
SGB3	86
SGRI	124
YPGS	69
YPKA	135
Total IPP	726
Total Gas	1,199
Total Gas Required	1,199

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	12581	12017	11465	11201	10959	10887	11129	11545	12052	13438	14229	14938	14964	14678	15299	15509	15598	15218	14249	13955	15003	15075	14476	13882

Daily MW Generation on Tuesday

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	
SYPS	HY04	25	25	25	25	25	0	0	0	0	0	0	0	0	16	16	16	16	16	16	16	25	25	25	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	41	41	41	41	41	41	41	41	41	41	41	41	41	35	35	35	35	35	35	35	35	35	35	35	
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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
UPIA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Total Hydro		371	370	389	391	366	312	275	249	225	248	224	319	437	478	448	466	512	497	540	477	484	500	596	865	
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	6	5	5	6	6	7	7	7	6	7	7	8	8	6	7	6	5	7	6	4	6	11	4	5	
PCLF	CUFK	30	27	28	28	27	27	27	27	29	26	30	28	28	29	29	30	28	30	29	27	29	30	30	29	
Total Co-Gen		36	32	33	34	33	34	34	33	36	33	37	36	36	35	36	37	37	35	33	36	36	32	36	40	
Total Gen		12528	12078	11989	11622	11491	11348	11178	11086	11007	10934	10900	11028	11152	11419	11560	11397	11955	12785	13316	13794	14187	14580	14820	15173	
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	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-29	-76	-29	-29	-29	-29	-30	-30	-30	-30	-30	-29	-29	
TIE-PLTG		-24	27	-29	0	56	-2	6	-29	77	-25	42	-58	32	25	43	44	-67	-19	-92	8	-12	-66	-88		
Interconnection		-53	-2	-58	-29	26	-32	-23	-59	48	-54	13	-88	3	-51	15	15	-97	-48	-122	-22	-42	-96	-118		
System Total		12581	12077	12017	11651	11468	11377	11201	11115	10959	10988	10887	11116	11129	11470	11548	11382	12052	12803	13438	13816	14229	14646	14938	15211	
SRcv ST-Coal		36	62	60	76	86	139	219	300	318	304	292	287	291	132	57	86	20	58	43	265	132	99	240		
SRcv 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	
SRcv CCGT-Gas		1112	1010	1148	1472	1632	1672	1665	1678	1680	1795	1816	1791	1801	1690	1646	1829	1822	1198	1040	829	665	404	167		
SRcv 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	
SRcv Co-Gen		52	56	55	54	55	54	54	55	52	55	51	52	52	53	52	51	51	53	55	52	52	56	52		
Syncon		827	827	676	676	827	827	827	676	827	575	726	625	625	625	625	625	625	625	625	625	625	625	625	625	
Hydro		117	118	250	248	122	126	113	290	163	292	160	166	153	112	142	426	103	193	150	213	206	190	396		
S.Reserve Total		2144	2073	2189	2526	2722	2518	2878	2998	3043	3018	3054	2925	2922	2611	2523	2716	2621	2125	1911	1987	1680	1370	1182		