

Availability at Daily Maximum Demand Hour

ST-Coal	3,040 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,220 MW
Hydro	1,592 MW
Distillate	0 MW
Total TNB	8,852 MW
Total IPP	9,419 MW
Total Co-Gen	88 MW
Total System	18,923 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	67,652	20.52 %
Gas	70,618	21.41 %
Hydro	9,759	2.96 %
Total TNB	148,029	44.89 %
ST-Coal	87,407	26.51 %
Gas	91,476	27.74 %
Total IPP	178,883	54.25 %
Co-Gen	1,452	0.44 %
Total Co-Gen	1,452	0.44 %
Total Generation	328,364	99.58 %
PLTG	-706	-0.21 %
HVDC	-694	-0.21 %
Interconnection	-1,400	-0.42 %
Net Energy	329,764	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	16,581 MW
TNB Generation	6,855 MW
IPP Generation	8,454 MW
Spinning Reserve	1,216 MW
Maximum Demand	15,489 MW
Net Energy	329,764 MWH
Load Factor	88.71 %

Fuel Cost

Total Cost:	50,540,798.43 RM
Cost per Unit	15.87 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	422
Hydro	183
Syncon	567
Thermal	87
Total	1,259

Time	Weather	Temperature
Afternoon	Hot	0
Morning	Sunny	0

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	53
PAKA	181
PGPS	39
SRDG	15
TJGS	208
Total TNB	542
KLPP	96
MPSS	2
PDPS	11
PGLA	110
PKLG	5
PLPS	93
SGB3	83
SGRI	99
YPGS	70
YPKA	137
Total IPP	707
Total Gas	1,249
Total Gas Required	1,249

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	13531	12858	12383	12000	11686	11671	11655	11646	12187	13827	14705	15405	15254	14673	14821	15331	15368	15097	14223	13901	14868	14584	14016	13654

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	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	26	32	31	29	30	31	27	31	30	32	26	31	29	32	33	30	26	36	26	40	36	35	42	38
TMGR	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
TMGR	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
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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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		268	246	222	221	249	230	221	233	209	191	180	210	187	201	203	260	216	234	214	241	415	693	718	721
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	34	34	34	34	33	33	32	32	35	33	34	34	34	34	34	33	34	31	30	33	33	30	31	29
PCUF	CUFK	9	28	28	29	28	29	29	30	30	26	29	28	29	29	30	29	28	27	26	24	25	23	24	25
Total Co-Gen		43	62	62	63	61	62	61	62	65	59	63	62	63	63	64	62	62	58	56	57	58	53	55	54
Total Gen		13475	13092	12794	12594	12264	12240	11936	11921	11641	11754	11595	11647	11600	11678	11663	11682	12211	12964	13849	14262	14662	15010	15312	15314
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		-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-28	-67	-36	18	-90	-11	-35	21	-16	-18	-47	-22	-25	-10	46	5	53	-57	51	-5	-13	1	-65	
Interconnection		-56	-96	-64	-11	-119	-39	-64	-8	-45	-47	-76	-52	-55	-39	17	-24	24	-86	22	-34	-43	-27	-93	
System Total		13531	13188	12858	12605	12383	12279	12000	11929	11686	11801	11671	11699	11655	11717	11646	11786	12187	13050	13827	14296	14705	15037	15405	15330
SRev ST-Coal		51	21	27	23	21	28	82	131	247	259	260	263	273	272	276	269	229	38	95	32	75	60	84	
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		579	781	727	931	1289	1288	1528	1404	1541	1391	1546	1523	1533	1472	1483	1528	1437	1176	613	481	313	259	213	
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		45	26	26	25	27	26	27	26	23	29	25	26	25	25	24	26	26	30	32	31	30	35	33	
Syncon		575	575	726	726	575	726	726	726	575	726	726	726	726	726	726	726	726	726	726	625	453	302	453	
Hydro		423	195	68	69	192	60	69	57	232	99	110	231	103	89	87	220	115	95	115	88	190	319	445	
S.Reserve Total		1673	1598	1574	1774	2104	2128	2432	2344	2618	2504	2667	2618	2660	2584	2597	2616	2531	2061	1579	1359	1234	1121	1155	