

Availability at Daily Maximum Demand Hour

ST-Coal	2,920 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,980 MW
Hydro	1,839 MW
Distillate	0 MW
Total TNB	8,739 MW
Total IPP	10,291 MW
Total Co-Gen	0 MW
Total System	19,030 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	68,195	20.63 %
Gas	70,236	21.25 %
Hydro	11,412	3.45 %
Total TNB	149,843	45.33 %
ST-Coal	89,219	26.99 %
ST-Gas	8,112	2.45 %
Gas	82,321	24.91 %
Total IPP	179,652	54.35 %
Co-Gen	1,285	0.39 %
Total Co-Gen	1,285	0.39 %
Total Generation	330,780	100.07 %
PLTG	-347	-0.10 %
HVDC	594	0.18 %
Interconnection	247	0.07 %
Net Energy	330,533	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:	14:30:00 Hour
Total Set On Bus	16,717 MW
TNB Generation	7,226 MW
IPP Generation	8,446 MW
Spinning Reserve	993 MW
Maximum Demand	15,724 MW
Net Energy	330,533 MWH
Load Factor	87.58 %

Fuel Cost

Total Cost:	47,482,604.77 RM
Cost per Unit	14.87 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	293
Hydro	477
Syncon	349
Thermal	174
Total	1,293

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	27

Gas Usage

Station	(mmscfd)
CBPS	44
GLGR	55
PAKA	182
PGPS	40
TJGS	207
Total TNB	528
KLPP	58
MPSS	50
PGLA	107
PLPS	90
SGB3	79
SGRI	160
YPKA	102
PKLG	81
Total IPP	727
Total Gas	1,255

Total Gas Required 1,255

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	13009	12481	11970	11763	11409	11328	11648	11737	12285	14011	14798	15415	15334	14894	15322	15649	15650	15272	14214	14156	14953	14846	14271	13717

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
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	35	34	36	36	28	33	36	30	34	32	37	39	47	43	43	45	34	29	30	36	26	31	48	41
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	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		191	188	208	189	177	186	196	180	180	206	209	206	238	234	201	209	252	357	550	561	535	616	766	831
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	37	36	36	36	37	36	37	37	37	35	36	36	35	36	37	37	36	36	37	35	35	34	32	33
PCUF	CUFK	29	29	31	25	25	26	25	22	23	22	25	22	23	23	22	21	22	22	24	23	21	22	23	22
Total Co-Gen		66	65	67	61	62	62	59	60	57	59	58	58	59	60	59	57	58	59	59	58	55	54	56	56
Total Gen		13105	12661	12506	12168	12087	11918	11785	11638	11453	11386	11351	11267	11588	11883	11756	11748	12393	13282	14046	14486	14838	15206	15433	
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	31	31	30	30	30	31	31	31	31	29	29	30	0	0	0	0	0	0	0	0	0
TIE-PLTG		65	-13	-4	-13	86	1	-8	45	14	16	-8	-22	-90	-7	-12	23	79	4	55	6	40	41	18	
Interconnection		96	17	25	18	117	32	22	76	44	46	23	9	-60	24	19	53	108	34	35	6	40	41	18	
System Total		13009	12644	12481	12150	11970	11886	11763	11562	11409	11340	11328	11358	11648	11859	11737	11695	12285	13248	14011	14480	14798	15165	15415	
SRev ST-Coal		48	85	154	113	122	120	143	148	188	273	281	264	197	259	325	291	129	126	281	206	152	127	158	
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	
SRev CCGT-Gas		1004	1115	1137	1454	1515	1696	1654	1729	1871	1858	1859	1852	1737	1361	1402	1567	1376	943	542	438	323	171	142	
SRev ST-Gas		9	82	75	73	73	74	74	74	74	74	74	74	74	74	74	74	37	38	38	37	41	15	-1	
SRev Co-Gen		-22	-21	-23	-17	-18	-18	-15	-16	-13	-15	-14	-14	-15	-16	-15	-13	-14	-15	-15	-14	-11	-10	-12	
Syncon		827	827	676	827	827	827	827	827	676	676	827	827	827	827	827	525	525	474	474	474	323	302	302	
Hydro		117	120	251	119	131	122	112	128	128	253	250	102	70	74	107	99	508	588	446	435	461	631	552	
S.Reserve Total		1983	2208	2250	2569	2650	2821	2792	2891	3072	3121	3125	3105	2891	2880	2719	2843	2862	2206	1766	1878	1437	1256	1123	