

Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,260 MW
Hydro	2,085 MW
Distillate	0 MW
Total TNB	8,425 MW
Total IPP	9,957 MW
Total Co-Gen	28 MW
Total System	18,410 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	67,608	19.75 %
Gas	66,528	19.43 %
Hydro	9,904	2.89 %
Total TNB	144,040	42.07 %
ST-Coal	101,778	29.73 %
ST-Gas	5,459	1.59 %
Gas	89,835	26.24 %
Total IPP	197,072	57.56 %
Co-Gen	718	0.21 %
Total Co-Gen	718	0.21 %
Total Generation	341,830	99.84 %
PLTG	-1	0.00 %
HVDC	-559	-0.16 %
Interconnection	-560	-0.16 %
Net Energy	342,390	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	18,009 MW
TNB Generation	6,718 MW
IPP Generation	9,905 MW
Spinning Reserve	1,355 MW
Maximum Demand	16,673 MW
Net Energy	342,390 MWH
Load Factor	85.56 %

Fuel Cost

Total Cost:	49,230,256.55 RM
Cost per Unit	14.83 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	283
Hydro	312
Syncon	646
Thermal	88
Total	1,329

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	53
GLGR	53
PAKA	179
PGGS	9
PGPS	52
SRDG	18
TJGS	161
Total TNB	524
KLPP	101
MPSS	28
PDPS	51
PGLA	114
PKLG	15
PLPS	94
PTEK	57
SGB3	37
SGRI	185
SKSP	53
PKLG	54
Total IPP	790
Total Gas	1,314
Total Gas Required	1,314

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	13270	12706	12211	11754	11433	11361	11772	11529	12099	14039	15001	15854	15913	15616	16198	16561	16673	16322	15020	14685	15853	15773	15284	14803

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
KNYR	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
KNYR	HY04	63	77	80	64	84	70	61	67	61	62	87	71	66	68	64	61	96	64	62	100	85	101	73	59
MNOR	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
PGAU	HY01	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	19	109	19	18	18	18	111
PGAU	HY02	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	19	19	114	19	19	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	18	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	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
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	48	48	48	48	48	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	30	50	50	50	50	50	50	50	50
SYPS	HY01	25	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	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	25	25	25	25	25	25	25
SYPS	HY03	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	25	25	25	25	25	25	25
SYPS	HY04	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	25	25	25	25	25	25	25
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	39	43	42	42	42	44	37	43	41	35	37	32	44	45	41	43	41	37	42	40	40	44	39	30
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
UPLA	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
UPLA	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		321	238	242	224	246	234	215	229	214	220	210	205	244	228	219	224	217	209	250	370	465	505	484	737
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	CUFK	-29	30	32	29	31	32	28	29	30	30	30	31	31	30	31	29	29	30	31	30	32	28	30	29
Total Co-Gen		29	30	32	29	31	32	28	29	30	30	30	31	31	30	31	29	29	30	31	30	32	28	30	29
Total Gen		13206	12938	12612	12440	12143	11899	11665	11557	11420	11327	11342	11366	11706	11703	11506	11501	12102	13342	14035	14655	15001	15550	15797	
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	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-35	3	-65	3	-39	-47	-59	-19	16	57	11	23	-37	-6	6	-23	32	27	24	19	28	23	-28	
Interconnection		-64	-26	-94	-26	-68	-76	-89	-48	-13	28	-19	-6	-66	-35	-23	-52	3	-2	-4	-10	0	-6		
System Total		13270	12964	12706	12466	12211	11975	11754	11605	11433	11299	11361	11372	11772	11738	11529	11553	12099	13344	14039	14665	15001	15556	15854	
SRev ST-Coal		140	149	149	161	330	439	599	762	699	700	699	693	700	705	711	695	393	138	145	128	31	71	38	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	192	8	153	21	16	17	19	
SRev CCGT-Gas		472	564	842	980	1292	1425	1384	1406	1495	1594	1581	1563	1251	1233	1414	1449	1538	832	610	397	273	207	162	
SRev ST-Gas		41	37	37	38	38	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
SRev Co-Gen		-1	-2	-4	-1	-3	-4	0	-1	-2	-2	-2	-2	-3	-3	-2	-3	-1	-1	-2	-3	-2	-2	-2	
Syncon		651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651
Hydro		372	355	351	369	347	359	378	364	379	324	383	388	349	365	374	369	376	384	343	473	378	338	359	
S.Reserve Total		1675	1754	2026	2198	2655	2907	3049	3219	3259	3353	3349	3330	2985	2988	3185	3198	2994	2041	1784	1686	1347	1467	1220	