

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,745 MW
Hydro	1,986 MW
Distillate	0 MW
Total TNB	5,731 MW
Total IPP	15,538 MW
Total Co-Gen	53 MW
Total System	21,886 MW

Generation Mix

Type	MWh	Percentage
Gas	39,961	12.55 %
Hydro	9,540	3.00 %
Total TNB	49,501	15.55 %
ST-Coal	183,635	57.68 %
Gas	84,690	26.60 %
Total IPP	268,325	84.29 %
Co-Gen	1,070	0.34 %
Total Co-Gen	1,070	0.34 %
Total Generation	318,896	100.17 %
PLTG	-180	-0.06 %
HVDC	722	0.23 %
Interconnection	542	0.17 %
Net Energy	318,354	100.00 %

Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	16,071 MW
TNB Generation	2,216 MW
IPP Generation	12,288 MW
Spinning Reserve	1,521 MW
Maximum Demand	14,520 MW
Net Energy	318,354 MWH
Load Factor	91.36 %

Fuel Cost

Total Cost:	38,957,848.55 RM
Cost per Unit	12.59 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	436
Hydro	215
Syncon	747
Thermal	52
Total	1,450

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	3
GLGR	54
PAKA	7
PGPS	3
SRDG	8
TJGS	212
Total TNB	286

CBPS	54
KLPP	99
MPSS	4
NPRI	126
PGLA	111
PLPS	58
PTEK	7
SGRI	130
SKSP	28
Total IPP	615
Total Gas	902

Total Gas Required	902
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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	14226	13580	13051	12569	12223	11967	11807	11473	11609	12927	13771	14253	14220	14033	14383	14491	14409	13910	13094	12697	13328	13681	13475	13292

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
UJLI	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
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		738	594	600	511	519	434	454	438	431	430	428	408	411	411	403	396	414	415	412	487	423	378	491	357
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	19	23	26	28	26	26	27	27	27	27	27	28	28	29	29	29	28	28	29	26	27	26	28
PCUF	CUFK	18	17	17	17	17	17	16	18	17	17	17	17	17	16	17	17	17	16	15	17	17	17	18	17
Total Co-Gen		24	36	40	43	45	43	42	45	44	44	44	45	45	43	46	46	46	45	44	46	44	44	43	44
Total Gen		14244	13935	13636	13214	13032	12815	12627	12309	12249	12237	12002	11810	11836	11774	11527	11336	11647	12437	12964	13448	13771	14012	14220	14354
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		30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	31	31	30	30	30	31	29	29	30
TIE-PLTC		-12	-31	16	-53	-50	-10	28	-28	-4	26	5	-11	-1	35	24	-40	7	28	7	13	-30	-50	-63	
Interconnection		18	-1	46	-23	-19	20	58	1	26	56	35	19	29	65	54	-9	38	58	37	44	0	-19	-33	
System Total		14226	13935	13580	13237	13051	12795	12569	12308	12223	12181	11967	11791	11807	11709	11473	11345	11609	12379	12927	13404	13771	14031	14253	
SRev ST-Coal		147	218	187	216	192	214	194	230	163	125	221	240	291	292	287	302	294	172	168	189	140	13	18	
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		414	440	480	361	464	473	577	730	850	901	1148	1247	1209	1278	1550	1824	1551	803	435	762	541	620	520	
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		19	7	13	10	8	10	11	8	9	9	9	8	8	10	7	7	7	8	9	7	9	9	10	9
Syncon		337	488	488	572	597	597	446	597	597	597	471	471	471	597	597	597	597	597	471	572	673	673	799	
Hydro		435	303	297	239	206	228	359	224	231	232	235	105	102	102	109	116	98	97	100	301	264	308	295	
S.Reserve Total		1352	1456	1465	1398	1467	1522	1587	1789	1850	1864	2084	2072	2081	2151	2553	2846	2547	1676	1308	1732	1524	1623	1515	