

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,168 MW
Hydro	2,510 MW
Distillate	0 MW
Total TNB	5,678 MW
Total IPP	13,055 MW
Total Co-Gen	20 MW
Total System	18,753 MW

Generation Mix

Type	MWh	Percentage
Gas	60,014	17.95 %
Hydro	11,549	3.45 %
Total TNB	71,563	21.40 %
ST-Coal	163,218	48.81 %
Gas	98,795	29.54 %
Total IPP	262,013	78.35 %
Co-Gen	434	0.13 %
Total Co-Gen	434	0.13 %
Total Generation	334,010	99.88 %
PLTG	315	0.09 %
EGAT	-5	0.00 %
HVDC	-697	-0.21 %
Interconnection	-387	-0.12 %
Net Energy	334,397	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:	16:00:00 Hour
Total Set On Bus	16,913 MW
TNB Generation	4,231 MW
IPP Generation	12,211 MW
Spinning Reserve	452 MW
Maximum Demand	16,536 MW
Net Energy	334,397 MWH
Load Factor	84.26 %

Fuel Cost

Total Cost:	46,866,149.95 RM
Cost per Unit	14.53 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	385
Hydro	383
Syncon	1,022
Thermal	53
Total	1,843

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	37
GLGR	49
PAKA	100
PGPS	43
SRDG	16
TJGS	212
Total TNB	457

CBPS	51
KLPP	94
MPSS	46
NPRI	148
PDPS	2
PGLA	79
PKLG	7
PLPS	89
PTEK	17
SGRI	166
SKSP	51
Total IPP	750

Total Gas	1,207
Total Gas Required	1,207

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	13287	12584	12265	11934	11635	11652	11736	11930	12472	14150	14880	15234	15274	15049	15454	15536	16536	15399	14427	14391	15090	14925	14217	13767

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	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	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	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	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
TMGR	HY02	-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
UJLI	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
UJLI	HY02	-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	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		434	278	160	159	156	159	157	182	157	158	158	157	155	156	156	158	161	161	196	166	289	361	569	527
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	18	18	19	18	20	19	17	18	17	17	19	16	18	18	19	18	18	16	17	18	18	17	18	18
Total Co-Gen		18	18	19	18	20	19	17	18	17	17	19	16	18	18	19	18	18	16	17	18	18	17	18	18
Total Gen		13274	12938	12641	12530	12260	12108	11962	11792	11653	11688	11599	11616	11698	11876	11910	11994	12383	13481	14103	14410	14845	15193	15206	15361
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	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-30
TIE-PLTG		17	22	86	8	24	-18	57	6	47	79	-24	14	-9	18	9	40	-60	-9	-18	-34	-6	6	1	
Interconnection		-13	-8	57	-21	-5	-48	28	-23	18	50	-53	-16	-38	-11	-20	12	-89	-38	-47	-62	-35	-23	-28	
System Total		13287	12946	12584	12551	12265	12156	11934	11815	11635	11638	11652	11632	11736	11887	11930	11982	12472	13519	14150	14472	14880	15216	15234	
SRev ST-Coal		190	197	203	174	139	142	145	151	155	215	194	141	154	155	152	142	137	-4	52	208	218	148	32	
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		747	775	960	1216	1520	1671	1810	2000	2109	1938	2055	2159	2064	1886	1856	1783	1455	694	754	580	411	205	250	
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		2	2	1	2	0	1	3	2	3	3	1	4	2	2	1	2	1	2	2	0	2	2	3	
Syncon		1352	1201	1453	1453	1453	1453	1302	1453	1453	1453	1453	1453	1453	1453	1453	1453	1453	1302	1302	1201	1201	1302	1302	
Hydro		211	268	134	135	138	135	137	263	137	136	136	137	139	138	138	136	133	133	98	128	306	234	377	
S.Reserve Total		2502	2443	2751	2980	3250	3402	3548	3718	3857	3745	3839	3894	3812	3634	3600	3516	3179	2278	2359	2369	2239	1891	1863	