

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,465 MW
Distillate	0 MW
Total TNB	5,267 MW
Total IPP	14,929 MW
Total Co-Gen	52 MW
Total System	20,534 MW

Generation Mix

Type	MWh	Percentage
Gas	47,708	12.89 %
Hydro	29,588	8.00 %
Total TNB	77,296	20.89 %
ST-Coal	182,815	49.40 %
Gas	108,651	29.36 %
Total IPP	291,466	78.77 %
Co-Gen	1,273	0.34 %
Total Co-Gen	1,273	0.34 %
Total Generation	370,035	100.00 %
PLTG	-6	0.00 %
Interconnection	-6	0.00 %
Net Energy	370,041	100.00 %

Maximum Demand Record

Date: 10/23/2017	17,790 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	19,121 MW
TNB Generation	4,246 MW
IPP Generation	13,486 MW
Spinning Reserve	1,337 MW
Maximum Demand	17,766 MW
Net Energy	370,041 MWH
Load Factor	86.79 %

Fuel Cost

Total Cost:	64,809,485.40 RM
Cost per Unit	19.04 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	554
Hydro	547
Syncon	177
Thermal	127
Total	1,405

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	39
GLGR	50
PGPS	37
SRDG	9
TJGS	220
Total TNB	355
CBPS	12
KLPP	97
MPSS	46
NPRI	156
PDPS	1
PGLA	108
PKLG	2
PTEK	9
SGRI	170
SKSP	48
YPKA	86
Total IPP	736
Total Gas	1,091
Total Gas Required	1,091

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	14788	14062	13551	13232	12856	12741	13013	12974	13255	15185	16036	16858	16807	16531	17121	17537	17666	17229	16040	15773	17013	16888	16494	15972

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	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	72	72	62	34	33	-1	-1	-1	-1	-1	-1	-1	-1	62	61	71	71	71	72	72	72	71	73	73
TMGR	HY02	74	74	63	33	33	33	34	-1	-1	-1	-1	-1	-1	63	61	72	70	73	73	73	73	73	72	73
TMGR	HY03	69	70	59	32	0	0	0	0	0	0	0	0	0	59	56	68	67	69	70	69	70	70	68	70
TMGR	HY04	71	71	60	33	33	33	33	33	33	33	33	33	33	60	58	69	68	70	71	70	71	71	71	71
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
Total Hydro		1003	1047	1001	729	695	629	593	551	496	503	498	501	502	687	562	494	755	1189	1328	1455	1473	1504	1766	1850
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	28	27	28	28	28	29	29	29	29	28	29	29	30	28	28	26	28	28	29	29	29	29	29	29
PCUF	CUFK	27	25	24	23	24	24	25	26	25	24	24	25	24	25	24	25	24	25	24	25	24	25	24	25
Total Co-Gen		55	52	52	51	52	53	54	55	54	52	53	54	54	55	52	53	50	52	52	52	52	51	51	54
Total Gen		14903	14350	14044	13776	13526	13303	13171	12965	12860	12668	12717	12740	12950	13066	12954	12909	13259	14377	15195	15613	16010	16421	16832	16966
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		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-PLTG		15	-5	-18	-10	-25	-8	-61	-58	4	24	-24	-36	-63	-16	-20	21	4	-24	10	1	-26	-17	-26	
Interconnection		15	-5	-18	-10	-25	-8	-61	-58	4	24	-24	-36	-63	-16	-20	21	4	-24	10	1	-26	-17	-26	
System Total		14788	14355	14062	13786	13551	13311	13232	13023	12856	12644	12741	12776	13013	13082	12974	12888	13255	14401	15185	15612	16036	16438	16858	16980
SRev ST-Coal		202	50	116	53	60	48	65	65	58	-3	59	31	22	-121	67	53	48	344	323	309	239	212	179	
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		832	1013	1067	894	1000	1145	1225	1390	1446	1588	1473	1482	1382	1243	1159	1165	1082	760	749	806	638	422	441	
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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		802	827	827	827	827	912	912	998	998	998	998	998	998	847	998	827	374	374	187	187	187	187	187	187
Hydro		285	216	262	534	484	465	425	381	388	381	386	383	382	197	473	390	508	677	538	598	580	574	512	428
S.Reserve Total		2121	2106	2272	2308	2371	2570	2627	2834	2890	2964	2916	2894	2784	2317	2546	2606	2465	2155	1984	1900	1644	1395	1319	1193