

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,647 MW
Hydro	2,372 MW
Distillate	0 MW
Total TNB	5,019 MW
Total IPP	15,678 MW
Total Co-Gen	40 MW
Total System	21,309 MW

Generation Mix

Type	MWh	Percentage
Gas	39,437	11.60 %
Hydro	10,417	3.06 %
Total TNB	49,854	14.66 %
ST-Coal	212,196	62.41 %
Gas	76,472	22.49 %
Total IPP	288,668	84.90 %
Co-Gen	805	0.24 %
Total Co-Gen	805	0.24 %
Total Generation	339,327	99.80 %
PLTG	9	0.00 %
HVDC	-696	-0.20 %
Interconnection	-687	-0.20 %
Net Energy	340,014	100.00 %

Maximum Demand Record

Date: 4/12/2018	17,997 MW
Date: 4/12/2018	380,797 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	17,134 MW
TNB Generation	2,591 MW
IPP Generation	13,081 MW
Spinning Reserve	1,428 MW
Maximum Demand	15,718 MW
Net Energy	340,014 MWH
Load Factor	90.13 %

Fuel Cost

Total Cost:	57,671,862.74 RM
Cost per Unit	17.50 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	433
Hydro	373
Syncon	863
Thermal	114
Total	1,783

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Rainy	34
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
GLGR	38
PGPS	37
TJGS	210
Total TNB	285
CBPS	55
KLPP	94
PGLA	55
PLPS	91
SGRI	105
SKSP	47
YPKA	67
Total IPP	514
Total Gas	798
Total Gas Required	798

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	14794	14140	13605	13268	12975	12945	12748	12425	12143	13172	13984	14592	14517	14405	14799	14826	14718	14562	14519	14653	15487	15718	15569	15189

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																												
TIE-PLTG		47	-62	3	-36	12	-20	1	-16	-15	2	-13	16	-6	59	25	-33	21	27	-20	6	-18	12	5	26	30	-13	9	-8	-51	-26	2	-20	79	14	90	65	5	-52	9	20	-6	-20	18	-69	-60	-24	-7	8				
Interconnection		19	-91	-26	-65	-17	-49	-28	-45	-44	-27	-42	-14	-36	30	-4	-62	-8	-2	-49	-22	-47	-17	-24	-3	0	-42	-21	-37	-81	-55	-27	-49	50	-15	62	36	-24	-81	-20	-9	-35	-51	-12	-98	-88	-53	-36	-20				
System Total		14794	14496	14140	13891	13605	13384	13268	13140	12975	13024	12945	12981	12748	12641	12425	12066	12143	12835	13172	13504	13984	14191	14592	14546	14517	14434	14405	14646	14799	14814	14826	14781	14718	14811	14562	14599	14519	14549	14653	14998	15487	15667	15718	15716	15569	15335	15189	14920				
SRev ST-Coal		164	355	380	84	82	179	196	187	191	175	189	483	448	437	710	818	559	279	229	113	85	177	181	181	193	179	197	194	146	84	146	146	120	69	92	107	84	9	95	83	101	-112	65	81	79	10	88	82				
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	0	0	0	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		758	697	623	762	940	1104	1074	1217	1378	1260	1319	1120	1450	1562	1523	1571	1361	1233	1236	1109	601	674	455	308	417	616	599	400	334	392	219	251	163	271	442	597	787	873	733	637	301	267	253	197	338	505	604	617				
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	0	0	0	0	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		11	11	6	5	2	4	4	4	1	1	2	3	0	3	1	3	2	4	4	5	5	8	9	12	8	6	6	9	9	10	11	12	12	10	10	11	11	10	9	11	11	10	6	4	3	4	4	2				
Syncon		1225	1225	1225	1225	1225	1124	1124	1124	1124	973	1124	1124	973	1124	1124	1124	1124	1124	1124	1225	1225	1074	887	887	1074	1074	1074	1074	1074	923	923	772	500	500	500	736	1038	1038	1038	635	484	484	772	772	772	772	923					
Hydro		132	120	118	117	118	79	82	81	83	210	81	89	207	83	82	85	82	90	95	121	102	216	290	329	263	281	288	262	217	248	369	373	462	631	652	647	476	211	211	261	559	619	620	467	466	483	497	369				
S.Reserve Total		2290	2408	2352	2193	2367	2490	2480	2613	2777	2619	2715	2819	3078	3209	3440	3601	3128	2730	2688	2573	2018	2149	1822	1717	1955	2156	2164	1939	1780	1808	1668	1705	1529	1481	1696	1862	2094	2141	2086	2030	1607	1268	1428	1521	1658	1774	1965	1993				