

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,286 MW
Hydro	2,146 MW
Distillate	0 MW
Total TNB	5,432 MW
Total IPP	14,198 MW
Total Co-Gen	80 MW
Total System	19,992 MW

Maximum Demand Record

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

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	54	Total	0
PGPS	42		
TJGS	112		
Total TNB	208		
CBPS	2		
KLPP	99		
MPSS	19		
NPRI	147		
PGLA	115		
PKLG	12		
PLPS	87		
PTEK	3		
SGB3	34		
SGRI	199		
SKSP	49		
Total IPP	765		
Total Gas	973		
Total Gas Required	973		

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	15,948 MW
TNB Generation	2,316 MW
IPP Generation	12,197 MW
Spinning Reserve	1,381 MW
Maximum Demand	14,507 MW
Net Energy	320,239 MWH
Load Factor	91.98 %

Generation Mix

Type	MWh	Percentage
Gas	28,269	8.83 %
Hydro	15,840	4.95 %
Total TNB	44,109	13.77 %
ST-Coal	172,848	53.97 %
Gas	102,416	31.98 %
Total IPP	275,264	85.96 %
Co-Gen	1,662	0.52 %
Total Co-Gen	1,662	0.52 %
Total Generation	321,035	100.25 %
PLTG	68	0.02 %
HVDC	728	0.23 %
Interconnection	796	0.25 %
Net Energy	320,239	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	463
Hydro	225
Syncon	613
Thermal	285
Total	1,586

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

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	13944	13604	12944	12515	12123	11998	12012	11959	11523	12508	13427	14037	14018	13780	14078	14075	14081	13809	13420	13432	14507	14468	14097	13731

Prepared By: -Select Name-

Checked By: -Select Name-

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(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Saturday

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		35	6	23	-12	8	1	39	-13	14	59	28	-8	-6	36	12	52	61	-22	26	-105	-24	-46	-46	-24	-47	18	-28	-11	-21	-7	3	18	5	32	11	-28	-9	-50	-7	12	30	-18	22	33	62	25	1	-6			
Interconnection		66	37	54	19	38	32	69	16	43	90	59	22	23	67	42	82	92	9	56	-74	7	-15	-15	6	-17	49	2	19	10	23	33	50	37	63	41	2	21	-20	23	42	60	13	52	62	91	55	32	25			
System Total		13944	13687	13604	13198	12944	12811	12515	12418	12123	12164	11998	11951	12012	11912	11959	11713	11523	12116	12508	12965	13427	13864	14037	14183	14018	13774	13780	13840	14078	14148	14075	14079	14081	13991	13809	13594	13420	13306	13432	14086	14507	14504	14468	14319	14097	13955	13731	13545			
SRev ST-Coal		168	208	257	260	253	275	263	261	255	263	248	257	309	318	311	307	302	314	319	306	314	290	263	262	262	269	263	269	266	271	275	255	252	249	237	251	257	261	199	124	324	397	304	284	268	140	152	143			
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		485	820	843	535	310	369	496	549	819	725	938	1010	897	864	809	991	1174	805	634	488	457	444	340	214	562	619	667	585	398	353	406	452	472	299	507	724	867	1020	909	455	294	351	444	450	546	616	538	625			
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
SRev Co-Gen		10	8	8	9	6	8	9	7	9	9	8	9	8	10	8	11	8	8	8	7	9	7	3	6	4	6	6	6	5	5	6	4	3	4	4	4	6	5	5	15	26	29	29	30	28	31	30	31			
Syncon		789	602	602	602	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789		
Hydro		165	72	65	67	63	62	64	64	64	64	64	64	66	187	63	67	68	326	56	57	86	95	58	140	100	102	103	185	189	191	196	192	188	192	192	196	195	195	193	432	460	470	471	599	499	505	67				
S.Reserve Total		1617	1710	1775	1473	1421	1503	1621	1670	1936	1850	2047	2129	2067	2047	1953	2161	2340	1984	1774	1646	1626	1616	1490	1329	1764	1791	1835	1760	1501	1463	1524	1552	1564	1409	1582	1837	1992	2147	1974	1454	1381	1541	1550	1537	1743	1814	1712	1655			