

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,636 MW
Hydro	2,135 MW
Distillate	0 MW
Total TNB	4,771 MW
Total IPP	16,190 MW
Total Co-Gen	67 MW
Total System	21,592 MW

Generation Mix

Type	MWh	Percentage
Gas	32,380	9.43 %
Hydro	20,083	5.85 %
Total TNB	52,463	15.28 %
ST-Coal	199,677	58.16 %
Gas	90,252	26.29 %
Total IPP	289,929	84.45 %
Co-Gen	1,440	0.42 %
Total Co-Gen	1,440	0.42 %
Total Generation	343,832	100.15 %
PLTG	-212	-0.06 %
HVDC	728	0.21 %
Interconnection	516	0.15 %
Net Energy	343,316	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:	15:30:00 Hour
Total Set On Bus	17,316 MW
TNB Generation	2,675 MW
IPP Generation	13,136 MW
Spinning Reserve	1,452 MW
Maximum Demand	15,870 MW
Net Energy	343,316 MWH
Load Factor	90.14 %

Fuel Cost

Total Cost:	53,268,294.17 RM
Cost per Unit	16.46 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	544
Hydro	289
Syncon	620
Thermal	164
Total	1,617

Time Weather Temperature

Afternoon	Rainy	33
Morning	Sunny	25

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	14159	13523	13009	12658	12417	12298	12545	12524	12694	14381	15140	15621	15523	15096	15208	15703	15767	15515	14661	14772	15493	15154	14621	14262

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, October 24, 2017 11:04:26 AM

(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Friday

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																										
Interconnection		62	50	4	42	74	51	97	108	60	33	1	15	20	2	45	72	19	6	-29	42	0	-50	-38	-38	5	15	28	8	26	3	-18	-6	11	29	33	8	-4	-11	2	29	63	47	13	5	14	23	54	10		
System Total		14159	13783	13523	13315	13009	12897	12658	12488	12417	12391	12298	12385	12545	12681	12524	12289	12694	13801	14381	14819	15140	15378	15621	15696	15523	15231	15096	15136	15208	15564	15703	15870	15767	15868	15515	15001	14661	14499	14772	15463	15493	15348	15154	15061	14621	14558	14262	14165		
SRev ST-Coal		276	285	297	283	295	311	346	336	305	345	354	284	290	283	297	308	286	290	283	247	192	180	183	190	176	185	186	178	188	113	118	128	119	133	125	125	136	132	121	123	126	136	132	182	179	126	129	170		
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
SRev CCGT-Gas		765	1106	1420	1628	1761	1841	1956	2148	2317	2271	2289	2246	2079	1972	2065	2233	1609	660	499	614	728	532	514	279	412	534	542	581	639	732	640	486	629	517	760	967	1109	1002	700	483	451	613	455	290	564	814	598	646		
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
SRev Co-Gen		12	3	2	1	2	5	5	3	4	6	5	6	4	2	2	2	1	2	5	3	7	11	12	15	16	12	11	12	12	14	13	14	25	14	13	9	12	14	11	12	13	8	12	12	-6	-5	-8	-10		
Syncon		802	886	886	735	735	886	886	886	735	735	735	735	735	735	735	802	802	802	802	802	651	651	651	464	464	464	464	802	802	802	615	464	464	464	464	802	802	802	886	886	615	615	464	802	802	886	802	651	802	
Hydro		211	81	73	202	221	78	91	94	237	212	188	191	188	189	193	132	115	115	116	352	345	348	294	349	359	305	81	129	126	236	357	360	301	291	68	317	295	292	237	164	278	420	318	290	289	165	301	219		
S Reserve Total		2066	2361	2678	2849	3014	3121	3284	3467	3598	3569	3571	3462	3296	3181	3292	3477	2813	1869	1705	1867	1923	1722	1467	1297	1427	1500	1622	1702	1767	1710	1592	1452	1538	1419	1768	2307	2441	2326	1955	1397	1483	1641	1719	1576	1912	1986	1755	1827		