

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,430 MW
Distillate	0 MW
Total TNB	5,232 MW
Total IPP	16,115 MW
Total Co-Gen	0 MW
Total System	21,919 MW

Generation Mix

Type	MWh	Percentage
Gas	34,223	11.08 %
Hydro	5,546	1.80 %
Total TNB	39,769	12.87 %
ST-Coal	191,885	62.11 %
Gas	75,751	24.52 %
Total IPP	267,636	86.64 %
Co-Gen	1,022	0.33 %
Total Co-Gen	1,022	0.33 %
Total Generation	308,427	99.84 %
PLTG	202	0.07 %
HVDC	-696	-0.23 %
Interconnection	-494	-0.16 %
Net Energy	308,921	100.00 %

Maximum Demand Record

Date: 8/15/2018	18,338 MW
Date: 8/15/2018	388,524 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	00:00:00 Hour
Total Set On Bus	16,628 MW
TNB Generation	1,945 MW
IPP Generation	12,872 MW
Spinning Reserve	1,763 MW
Maximum Demand	14,886 MW
Net Energy	308,921 MWH
Load Factor	86.47 %

Fuel Cost

Total Cost:	54,636,142.23 RM
Cost per Unit	18.04 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	776
Hydro	184
Syncon	1,034
Thermal	172
Total	2,166

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	47
TJGS	198
Total TNB	246
CBPS	53
KLPP	53
NPRI	152
PGLA	104
PLPS	37
SGB3	1
SGRI	68
YPKA	52
Total IPP	519
Total Gas	765
Total Gas Required	765

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	14886	14196	13612	13155	12837	12638	12373	12016	11442	11454	11896	12127	12237	12304	12532	12628	12651	12718	12618	12947	14008	14012	13792	13647

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)
Pengurus Besar Kanan
Jabatan Sistem Operasi

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																								
SRev Co-Gen		-3	-2	-2	-2	-3	-3	0	0	1	1	0	0	0	0	-1	-1	-1	1	0	0	0	2	3	1	5	6	5	6	6	6	6	6	6	6	6	6	6	7	5	5	3	4	4	4	3			
Syncon		822	1074	923	1074	1074	1074	923	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	923	1074	1074	923	1074	1074	1074	1074	1074	1074	1074	1074	923	923	1074	1074	1074	973	973			
Hydro		302	146	275	148	150	148	267	140	133	144	156	278	152	155	155	156	158	158	150	157	153	152	159	157	157	158	158	287	157	158	160	282	157	248	286	148	163	183	159	151	183	294	254	111	137	139	127	102
S.Reserve Total		1763	1994	2164	1765	2032	2247	1865	2024	2180	2319	2382	2593	2617	2728	2902	3065	3015	3016	2990	2790	2518	2307	2515	2329	2517	2538	2515	2287	2236	2173	1936	1791	1908	1731	1826	2445	2215	2538	2389	1913	1966	1950	1947	1833	2004	2039	2218	2265