

Daily System Generation Summary on Sunday

Sunday, March 03, 2019

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,216 MW
Distillate	0 MW
Total TNB	2,216 MW
Total IPP	16,570 MW
Total Co-Gen	55 MW
Total System	21,920 MW

Generation Mix

Type	MWh	Percentage
Hydro	7,274	2.20 %
Gas	35,157	10.63 %
Total TNB	42,431	12.83 %
ST-Coal	202,351	61.20 %
LSS	1,742	0.53 %
Gas	82,948	25.09 %
Total IPP	287,041	86.82 %
Co-Gen	1,448	0.44 %
Total Co-Gen	1,448	0.44 %
Total Generation	330,920	100.09 %
PLTG	-418	-0.13 %
HVDC	724	0.22 %
Interconnection	306	0.09 %
Net Energy	330,614	100.00 %

Maximum Demand Record

Date: 3/19/2019	18,402 MW
Date: 3/20/2019	390,048 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:30:00 Hour
Total Set On Bus	16,846 MW
TNB Generation	2,211 MW
IPP Generation	13,269 MW
Spinning Reserve	1,322 MW
Maximum Demand	15,541 MW
Net Energy	330,614 MWH
Load Factor	88.64 %

Fuel Cost

Total Cost:	66,738,714.31 RM
Cost per Unit	20.62 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	601
Hydro	299
Syncon	698
Thermal	173
Total	1,771

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
GLGR	51
TJGS	201
Total TNB	252
CBPS	53
KLPP	67
NPRI	150
PGLA	103
PLPS	37
SGRI	41
SKSP	7
YPKA	32
Total IPP	490
Total Gas	742
Total Gas Required	742

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	14986	14455	13883	13440	13115	12870	12796	12401	11706	12208	12831	13436	13621	13545	13956	14244	14227	14020	13688	13753	15324	15491	15390	15125

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, March 27, 2019 10:58:22 AM

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

Daily MW Generation on Sunday

2 of 3

Daily MW Generation on Sunday

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 LSS		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		7	15	18	16	12	15	14	14	13	11	13	13	13	12	12	-23	-24	-23	-23	-20	-20	-20	-23	-9	12	12	10	11	10	11	9	11	11	10	12	9	11	10	12	11	10	12	12	11	10	11	8	9
Syncon		838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	838	737	737	737	737	737	586	737	737	737	737	737	838	838	838	752	652	465	465	587	687	687	687	687
Hydro		264	260	258	259	260	259	257	258	259	259	257	259	259	259	265	264	265	259	261	263	259	259	257	261	266	270	222	220	222	225	356	223	221	218	221	221	225	261	264	261	306	305	330	325	384	383	383	429
S.Reserve Total		1940	2002	1897	1834	2111	1929	2321	2139	1939	2112	2144	2222	2239	2305	2554	2816	3101	3139	2901	2789	2273	1986	1736	1932	2043	2445	2215	1987	1831	1908	1866	1700	1569	1486	1789	1999	2097	2255	2360	1806	1519	1440	1355	1323	1612	1648	1821	1803