

Daily System Generation Summary on Sunday

Sunday, February 18, 2018

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,794 MW
Hydro	2,165 MW
Distillate	0 MW
Total TNB	4,959 MW
Total IPP	14,304 MW
Total Co-Gen	57 MW
Total System	19,892 MW

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:	21:00:00 Hour
Total Set On Bus	15,213 MW
TNB Generation	2,717 MW
IPP Generation	11,087 MW
Spinning Reserve	1,402 MW
Maximum Demand	13,774 MW
Net Energy	285,946 MWH
Load Factor	86.50 %

Gas Usage

Station	(mmscfd)
GLGR	52
TIGS	222
Total TNB	274

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
Gas	39,256	13.73 %
Hydro	9,534	3.33 %
Total TNB	48,790	17.06 %
ST-Coal	150,962	52.79 %
Gas	86,918	30.40 %
Total IPP	237,880	83.19 %
Co-Gen	186	0.07 %
Total Co-Gen	186	0.07 %
Total Generation	286,856	100.32 %
PLTG	187	0.07 %
HVDC	723	0.25 %
Interconnection	910	0.32 %
Net Energy	285,946	100.00 %

Fuel Cost

Total Cost:	52,019,497.47 RM
Cost per Unit	18.76 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	370
Hydro	230
Syncon	910
Thermal	142
Total	1,652

Time	Weather	Temperature
Afternoon	Hot	35
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	12719	12175	11720	11480	11147	10983	10870	10730	10140	10480	11147	11386	11615	11561	11896	12084	12188	12275	12148	12273	13748	13774	13520	13303

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(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

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 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
SRev Co-Gen		49	51	47	48	51	47	51	48	52	50	50	47	49	50	48	48	50	48	47	49	50	50	50	49
Syncon		1081	930	1081	930	1081	930	1081	1081	1081	1081	1081	1081	1081	1081	1081	1081	1081	1081	1081	930	930	930	1081	1081
Hydro		131	221	135	268	139	265	138	139	138	137	96	98	138	138	140	144	142	143	161	132	130	158	132	190
S.Reserve Total		1626	1614	1912	1941	1828	1671	1848	1930	1971	2139	2191	2456	2402	2336	2529	2828	3081	2809	2740	2512	2026	1898	1914	1756