

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,345 MW
Distillate	0 MW
Total TNB	2,345 MW
Total IPP	17,784 MW
Total Co-Gen	0 MW
Total System	22,977 MW

Generation Mix

Type	MWh	Percentage
Hydro	16,244	5.12 %
Gas	36,268	11.44 %
Total TNB	52,512	16.56 %
ST-Coal	194,794	61.44 %
LSS	3,040	0.96 %
Gas	66,290	20.91 %
Total IPP	264,124	83.31 %
Co-Gen	713	0.22 %
Total Co-Gen	713	0.22 %
Total Generation	317,349	100.10 %
PLTG	-407	-0.13 %
HVDC	720	0.23 %
Interconnection	313	0.10 %
Net Energy	317,036	100.00 %

Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	16,361 MW
TNB Generation	2,490 MW
IPP Generation	12,233 MW
Spinning Reserve	1,611 MW
Maximum Demand	14,684 MW
Net Energy	317,036 MWH
Load Factor	89.96 %

Fuel Cost

Total Cost:	49,033,265.35 RM
Cost per Unit	15.45 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	110
Hydro	160
Syncon	767
Thermal	785
Total	1,822

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Cloudy	31
Morning	Sunny	36

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	12546	12036	11762	11452	11277	11197	11307	11592	11925	13227	13738	14049	13971	13905	14291	14542	14622	14474	13766	13830	14684	14410	13982	13841

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, September 2, 2021 9:04:41 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Thursday

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		
Syncon		738	738	587	738	738	738	738	738	738	825	825	825	825	825	825	825	825	825	825	825	825	825	674	825	825	825	825	825	738	825	825	825	638	638	638	638	825	825	825	638	551	638	825	825	825	825	825	825	825
Hydro		268	270	412	286	113	231	172	174	177	65	78	96	89	59	106	191	77	145	95	97	404	96	98	261	74	73	40	85	84	98	118	206	153	172	209	96	69	92	228	184	194	170	178	163	177	133	121	84	
S.Reserve Total		2113	2145	2149	2215	1978	2138	2170	2136	2246	2197	2190	2236	2123	2015	2068	2159	2027	2105	1958	1865	2082	1888	1886	2173	2075	2062	1916	1852	1832	1872	1850	1725	1579	1549	1644	1917	1890	1929	1879	1636	1612	1685	1748	1763	1875	1759	1772	1773	