

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,398 MW
Distillate	0 MW
Total TNB	2,398 MW
Total IPP	19,026 MW
Total Co-Gen	0 MW
Total System	25,703 MW

Generation Mix

Type	MWh	Percentage
Hydro	15,857	4.00 %
Gas	53,108	13.40 %
Total TNB	68,965	17.40 %
ST-Coal	220,806	55.71 %
LSS	3,969	1.00 %
Distillate	527	0.13 %
Gas	101,555	25.62 %
Total IPP	326,857	82.46 %
Co-Gen	1,225	0.31 %
Total Co-Gen	1,225	0.31 %
Total Generation	397,047	100.17 %
PLTG	-40	-0.01 %
HVDC	725	0.18 %
Interconnection	685	0.17 %
Net Energy	396,362	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	19,928 MW
TNB Generation	3,848 MW
IPP Generation	14,691 MW
Spinning Reserve	1,340 MW
Maximum Demand	18,603 MW
Net Energy	396,362 MWH
Load Factor	88.78 %

Fuel Cost

Total Cost:	104,766,129.00 RM
Cost per Unit	26.38 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	918
Hydro	482
Syncon	230
Thermal	161
Total	1,791

Time	Weather	Temperature
Afternoon	Hot	37
Morning	Sunny	28

Gas Usage

Station	(mmcsfd)
GLGR	41
SRDG	5
TJGS	191
Total TNB	236
CBPS	49
EMPP	290
KLPP	2
NPRI	143
PCGP	74
PGLA	53
PLPS	56
SPGP	134
Total IPP	800
Total Gas	1,036
Total Gas Required	1,040

Alternate Fuel Usage

Station	(mmcsfd)
PLPS	4
Total	4

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	16599	15889	15168	14708	14280	14037	14310	14106	14446	16158	17041	17494	17476	17083	17690	18328	18487	18285	17058	16955	17921	17906	17483	16968

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, June 9, 2022 3:12:59 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Thursday

[illegible]

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	
BSIA	HY01	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
BSIA	HY03	22	22	22	22	22	22	22	22	22	22	21	21	21	21	21	22	22	21	22	22	22	22	22	22	
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	9	10	10	
CEND	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
CEND	HY04	8	8	8	8	7	7	8	8	8	8	8	8	8	8	8	8	7	8	7	7	7	7	7	7	
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	122	122	122	
HTRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	62	120	121	
HTRG	HY04	3	3	3	3	3	3	4	4	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	
KNRG	HY01	34	34	34	34	34	34	34	34	34	35	35	35	35	35	34	35	34	34	34	34	34	34	34	35	
KNRG	HY03	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
LPIA	HY01	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	14	
LPIA	HY02	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	15	
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
PGAU	HY03	20	20	20	20	20	20	20	21	20	21	21	21	21	20	20	20	20	21	21	21	21	21	21	21	
PGAU	HY04	20	20	20	20	20	20	21	20	20	20	20	20	20	20	21	20	21	21	21	21	20	82	21	21	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	50	30	30	0	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	50	47	30	0	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	0	14	25	17	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	0	12	18	17	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	25	20	17	
TMGR	HY01	44	42	46	44	44	43	42	43	43	43	46	84	84	83	58	82	84	74	78	71	44	42	77	84	
TMGR	HY02	89	89	87	34	34	34	34	34	34	0	0	34	34	34	34	85	84	84	84	85	85	84	85	85	86
TMGR	HY03	82	81	81	33	33	33	33	33	33	33	33	33	33	33	84	83	84	84	84	84	84	83	84	84	84
TMGR	HY04	83	82	82	34	34	34	34	34	34	-1	-1	34	34	34	34	84	84	84	84	84	84	84	84	84	84
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	86	91	90	
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	90	94	101	107	85	91	94	90	
UPIA	HY01	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Total Hydro		536	532	534	383	382	381	381	383	383	349	314	318	383	381	382	385	386	577	576	576	549	672	674	662	665
PLPS	GT11	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
PLPS	GT13	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
Total Distillate		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
BDLS	LSS1	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
BKLS	LSS1	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
BSLS	LSS1	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
GELS	LSS1	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
GNLS	LSS1	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
JELS	LSS1	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
JSLS	LSS1	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
KDLS	LSS1	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
KKLS	LSS1	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
KMLS	LSS1	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
KRLS	LSS1	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
MCLS	LSS1	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
PKLS	LSS1	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
SPLS	LSS1	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

