

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,285 MW
Distillate	0 MW
Total TNB	2,285 MW
Total IPP	19,711 MW
Total Co-Gen	0 MW
Total System	25,998 MW

Generation Mix

Type	MWh	Percentage
Hydro	14,340	3.93 %
Gas	37,310	10.22 %
Total TNB	51,650	14.14 %
ST-Coal	215,156	58.92 %
LSS	5,489	1.50 %
Gas	92,435	25.31 %
Total IPP	313,080	85.74 %
Co-Gen	769	0.21 %
Total Co-Gen	769	0.21 %
Total Generation	365,499	100.09 %
PLTG	-385	-0.11 %
HVDC	726	0.20 %
Interconnection	341	0.09 %
Net Energy	365,158	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 4/13/2023	407,278 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	00:00:00 Hour
Total Set On Bus	18,398 MW
TNB Generation	2,114 MW
IPP Generation	14,176 MW
Spinning Reserve	2,096 MW
Maximum Demand	16,278 MW
Net Energy	365,158 MWH
Load Factor	93.47 %

Fuel Cost

Total Cost:	86,091,166.35 RM
Cost per Unit	23.55 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	347
Hydro	349
Syncon	761
Thermal	275
Total	1,732

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	29
Total TNB	29
CBPS	42
EMPP	299
NPRI	155
PCGP	89
SPGP	208
Total IPP	792
Total Gas	821
Total Gas Required	821

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	16278	15573	14973	14416	14019	13952	13785	13540	13777	15110	15717	15982	15734	15465	15944	16175	16108	15713	15110	15044	15857	15923	15526	15084

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, April 26, 2023 11:21:13 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
LPIA	HY01	15	15	15	15	15	15	15	15	15	15	15	15	15	17	17	17	17	17	17	15	15	15	15	15
LPIA	HY02	15	15	15	15	15	15	15	15	15	15	15	15	15	17	17	17	17	17	17	15	15	15	15	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	HY01	21	-1	-1	-1	-1	-1	-1	-1	-1	18	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	111	111	111
PGAU	HY02	21	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	21	20	-1	-1	-1	-1	-1	19	18	-1	-1	-1	-1	-1	19	-1	80	82	81	81	81	81	81	81
SIHY	HY01	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30
SIHY	HY02	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30
SYPS	HY01	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25
SYPS	HY04	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	85	85	84	81	81	83	83	83
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	89	89	89	88	84	84	87	87	87
TMGR	HY03	41	42	40	75	42	60	41	41	41	40	44	68	54	83	72	48	66	78	79	84	84	84	66	83
TMGR	HY04	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	105	106	104	108
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	5	5	5	5	5	5	5	5	5	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		570	371	290	325	292	268	250	250	269	294	252	276	262	334	281	277	275	305	311	298	399	670	640	678
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
BDL	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
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	6	10	10	16	19	12	25
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	7	9	11	16	30	22	32	34
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	9	11	14	17	20	23	22	17
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	12	20	28	23	22	22	22
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	4	9	12	16	22	17	16	16
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	9	12	18	20	22	26	36	41
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	11	23	20	23	30	23	16
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	10	15	16	21	26	25	23
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	12	17	23	27	42	77	62	57	78
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	7	11	15	19	23	28	37	38
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	6	8	8	12	15	15	24
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	11	19	20	31	60	70	75	79
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	6	9	18	22	24	28	30	29
MALS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	11	22	18	26	27	30	30	29	29
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	7	15	12	29	33	44	39	41
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	12	26	76	84	57	71	85	89
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	7	28	33	51	59	59	69	71	80
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	5	8	10	10	11	17	22
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12	11	16	26	18	26	31	28	28
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	7	11	13	12	20	20	21
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	8	11	20	17	16	14	14
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	49	142	221	343	461	461	609	700	718
ESTL	ESTL	6	8	8	10	9	8	9	6	4	10	8	6	10	10	6	7	9	6	6	8	12	10	10	10
KHTC	BLK1	0	0	0	0	0	0	0	0	3	4	4	7	5	4	5	1	0	0	0	0	0	0	0	0
PCUF	CUFG	4	4	3	4	4	3	5	4	4	3	4	3	3	3	3	3	5	3	3	9	10	3	3	3

