

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,249 MW
Distillate	0 MW
Total TNB	2,249 MW
Total IPP	17,651 MW
Total Co-Gen	0 MW
Total System	22,888 MW

Generation Mix

Type	MWh	Percentage
Hydro	34,554	9.84 %
Gas	36,184	10.30 %
Total TNB	70,738	20.14 %
ST-Coal	192,253	54.74 %
LSS	3,829	1.09 %
Gas	83,310	23.72 %
Total IPP	279,392	79.55 %
Co-Gen	490	0.14 %
Total Co-Gen	490	0.14 %
Total Generation	350,620	99.84 %
PLTG	882	0.25 %
HVDC	-1,458	-0.42 %
Interconnection	-576	-0.16 %
Net Energy	351,196	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:	16:00:00 Hour
Total Set On Bus	17,716 MW
TNB Generation	3,689 MW
IPP Generation	12,650 MW
Spinning Reserve	1,353 MW
Maximum Demand	16,443 MW
Net Energy	351,196 MWH
Load Factor	88.99 %

Fuel Cost

Total Cost:	113,781,200.30 RM
Cost per Unit	32.45 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	828
Hydro	476
Syncon	19
Thermal	124
Total	1,447

Time Weather Temperature

Afternoon	Hot	32
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	13947	13347	12895	12490	12317	12175	12665	12967	13308	14740	15402	15790	15705	15379	16052	16356	16443	16130	15249	15406	16137	15876	15240	14860

Prepared By: -Select Name-

Checked By: -Select Name-

(Ir. Shanmugam Thoppalan)
Printed on: Friday, February 3, 2023 10:16:29 AM Head
Grid System Operator

Daily MW Generation on Tuesday

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
KNYR	HY01	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
KNYR	HY02	99	99	99	99	99	99	99	99	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103
KNYR	HY03	99	98	98	97	97	96	96	95	96	96	97	97	98	98	97	97	96	96	95	95	96	97	98	98
KNYR	HY04	101	101	100	101	101	101	100	101	101	101	100	101	100	100	100	101	101	101	101	100	101	101	100	100
LPIA	HY01	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
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	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	82	82	112	113	112	112	112	112	112	112	112
PGAU	HY02	22	0	0	0	0	21	22	22	22	22	22	22	22	114	112	113	112	112	112	112	112	112	112	112
PGAU	HY03	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
PGAU	HY04	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	81	111	110
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	42	43	43	43	43	42	43	43	-1	-1	35	84	84	84	84	84	83	82	82	83	81	83	79	82
TMGR	HY02	82	83	83	83	83	82	82	83	35	34	85	85	86	85	85	85	86	87	57	85	86	84	85	84
TMGR	HY03	31	32	32	32	32	32	32	32	32	32	80	80	80	80	85	86	85	85	85	85	85	85	85	85
TMGR	HY04	44	60	43	60	64	43	41	58	83	58	56	58	82	74	52	67	85	82	84	82	82	82	40	41
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	93	93	93	93	118	110	113	81	87	83	95
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	150	150	142	145	104	88	86	95	92	139	148
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
UPIA	HY02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		920	917	899	918	921	897	914	933	961	848	866	982	1094	1089	1066	1123	1169	1339	1341	1460	1612	1608	1571	1662
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
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
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
BLSL	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
CHLS	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
GBLS	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
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
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
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
JLSL	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
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
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
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
KNLS	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
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
MALS	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
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
MNLS	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
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
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
SSLS	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
STLS	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

