

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,510 MW
Distillate	0 MW
Total TNB	2,510 MW
Total IPP	18,493 MW
Total Co-Gen	0 MW
Total System	24,261 MW

Generation Mix

Type	MWh	Percentage
Hydro	20,581	6.95 %
Gas	54,880	18.53 %
Total TNB	75,461	25.48 %
ST-Coal	149,009	50.32 %
ST-Gas	12,895	4.35 %
LSS	6,888	2.33 %
Gas	51,888	17.52 %
Total IPP	220,680	74.53 %
Co-Gen	738	0.25 %
Total Co-Gen	738	0.25 %
Total Generation	296,879	100.26 %
PLTG	56	0.02 %
HVDC	720	0.24 %
Interconnection	776	0.26 %
Net Energy	296,103	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:	20:00:00 Hour
Total Set On Bus	16,161 MW
TNB Generation	4,301 MW
IPP Generation	10,007 MW
Spinning Reserve	1,828 MW
Maximum Demand	14,275 MW
Net Energy	296,103 MWH
Load Factor	86.43 %

Fuel Cost

Total Cost:	89,399,146.27 RM
Cost per Unit	30.11 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,010
Hydro	647
Syncon	546
Thermal	1,111
Total	3,314

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	130
Total TNB	160
CBPS	40
EMPP	84
NPRI	132
PCGP	82
PGLA	2
SPGP	204
PKLG	130
Total IPP	675
Total Gas	834
Total Gas Required	834

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	13413	12985	12563	12209	11769	11367	11384	11192	10564	10901	11348	11675	11610	11689	11917	12308	12576	12633	12504	13123	14275	14189	13926	13675

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
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESTL	ESTL	21	26	20	21	23	26	23	23	20	20	20	17	19	20	31	27	27	27	25	23	25	23	20	20
KHTC	BLK1	3	3	0	3	2	2	4	2	3	2	4	3	3	4	2	1	4	3	3	3	3	3	3	3
PCUF	CUFG	5	4	5	2	4	3	4	4	3	4	4	5	2	4	3	4	3	3	3	4	4	4	4	4
PCUF	CUFK	6	4	7	5	5	5	6	6	5	5	5	4	4	6	4	5	5	6	5	3	4	4	4	4
PFTZ	PFTZ	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 Co-Gen		35	37	32	31	34	36	37	35	31	31	31	30	28	33	42	39	38	41	36	36	37	35	31	26
Total Gen		13431	13187	13033	12884	12648	12363	12208	11949	11772	11638	11424	11409	11445	11468	11235	10899	10604	10845	10926	11175	11332	11669	11715	11692
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
TIE-PLTG		-12	1	18	58	55	24	-31	15	-27	28	27	-17	31	-34	13	49	10	-23	-5	7	-46	6	10	
Interconnection		18	31	48	88	85	54	-1	45	3	58	57	13	61	-4	43	79	40	7	25	37	-16	36	40	
System Total		13413	13156	12985	12796	12563	12309	12209	11904	11769	11580	11367	11396	11384	11472	11192	10820	10564	10838	10901	11138	11348	11633	11675	
SRev ST-Coal		472	497	484	477	498	495	495	494	549	548	728	983	1043	1042	1040	1036	1050	1037	1048	1052	1040	1055	1026	
SRev OCGT-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 CCGT-Gas		681	730	892	680	892	1109	1264	1467	1356	1424	1465	1268	1171	1154	1365	1687	2033	1934	1989	1820	1822	1546	1519	
SRev ST-Gas		91	91	92	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
SRev LSS		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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		714	626	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714
Hydro		708	722	639	649	652	677	681	688	630	682	684	643	631	634	672	681	695	666	672	675	670	676	701	
S.Reserve Total		2666	2666	2821	2611	2847	3086	3245	3455	3340	3459	3682	3699	3650	3634	3883	4210	4582	4442	4515	4352	4337	4083	4051	