

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,380 MW
Distillate	0 MW
Total TNB	2,380 MW
Total IPP	17,191 MW
Total Co-Gen	0 MW
Total System	22,050 MW

Maximum Demand Record

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

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	31	Total	0
TJGS	103		
Total TNB	134		
EMPP	271		
NPRI	130		
PCGP	84		
PGLA	61		
SPGP	101		
Total IPP	647		
Total Gas	781		
Total Gas Required	781		

Alternate Fuel Usage

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	18,751 MW
TNB Generation	3,451 MW
IPP Generation	13,860 MW
Spinning Reserve	1,421 MW
Maximum Demand	17,349 MW
Net Energy	363,182 MWH
Load Factor	87.22 %

Generation Mix

Type	MWh	Percentage
Hydro	26,693	7.35 %
Gas	33,917	9.34 %
Total TNB	60,610	16.69 %
ST-Coal	212,000	58.37 %
LSS	6,452	1.78 %
Gas	83,618	23.02 %
Total IPP	302,070	83.17 %
Co-Gen	715	0.20 %
Total Co-Gen	715	0.20 %
Total Generation	363,395	100.06 %
PLTG	1,446	0.40 %
HVDC	-1,233	-0.34 %
Interconnection	213	0.06 %
Net Energy	363,182	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	807
Hydro	446
Syncon	204
Thermal	162
Total	1,619

Time Weather Temperature

Afternoon	Hot	33
Morning	Cloudy	23

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	14148	13564	12915	12606	12282	12239	12330	12921	13513	15234	15998	16470	16396	16226	16907	17297	17349	17078	16048	15877	16842	16679	16056	15550

Daily MW Generation on Monday

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
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	24	24	24	24	24	24	24	24	24	24	24	24	24	24
KNRG	HY03	39	39	39	39	39	39	39	39	39	39	38	38	38	38	38	38	38	38	38	37	37	37	37	37
KNYR	HY01	100	100	-1	-1	-1	-1	-1	-1	-1	-1	100	99	99	99	99	99	99	99	99	99	99	99	99	99
KNYR	HY02	90	61	99	95	60	71	60	95	61	91	77	96	90	95	100	86	99	90	101	100	100	94	98	86
KNYR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	98	98	98	98	97	96	96	95	96	96
KNYR	HY04	60	60	60	60	60	60	59	60	59	60	60	60	60	60	101	100	100	100	100	100	100	100	100	100
LPIA	HY01	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
LPIA	HY02	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
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	-1	-1	-1	-1	-1	-1	111	150	150	150	150	150	150	150	150	150
PGAU	HY02	21	21	21	21	21	21	21	21	21	21	21	21	21	21	112	111	109	123	123	123	123	122	122	146
PGAU	HY03	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	112	112	122	122	122	122	121	121	122
PGAU	HY04	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	22	22	22
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	82	84	84	84	84	85	85	85	85	85
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	32	90	89	89	90	85	85	85	85	86
TMGR	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
TMGR	HY04	41	41	43	41	41	41	41	52	41	41	40	41	44	41	45	69	83	72	85	84	86	84	85	78
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	92	137	110
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	93	91	-1
UPIA	HY01	7	8	8	8	7	8	8	7	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7
Total Hydro		477	449	388	382	346	358	347	393	348	379	362	383	380	382	391	401	428	649	1023	1298	1303	1373	1376	1454
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
BDSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	10	12	16	19	21	23	19	26
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	11	15	19	22	26	29	30
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	10	15	19	23	27	29	31	32
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	8	28	26	41	32	33	34
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	8	14	24	32	16	33	15	34
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	15	9	14	12	16	17	30	19
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	15	22	29	34	39	42	46	46
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	11	17	21	25	28	30	29	27
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	13	23	27	40	16	23	45
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	26	40	53	64	73	81	86	90
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	15	21	28	33	37	40	42	44
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	13	18	23	26	29	31	30
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	23	40	56	70	83	91	84	63	89
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	10	14	18	22	24	26	24	26
MALS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	19	17	19	16	31	20	8
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	5	13	8	3	6	14	46	41
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	11	13	28	28	11	12	78	93	91
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	16	53	49	60	65	86	75	76
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	19	28	39	25	40	40	33	31

