

Daily System Generation Summary on Sunday

Sunday, August 7, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,512 MW
Distillate	0 MW
Total TNB	2,512 MW
Total IPP	19,017 MW
Total Co-Gen	0 MW
Total System	25,136 MW

Generation Mix

Type	MWh	Percentage
Hydro	23,007	6.88 %
Gas	30,830	9.23 %
Total TNB	53,837	16.11 %
ST-Coal	217,851	65.19 %
LSS	5,313	1.59 %
Gas	57,277	17.14 %
Total IPP	280,441	83.92 %
Co-Gen	588	0.18 %
Total Co-Gen	588	0.18 %
Total Generation	334,866	100.21 %
PLTG	-27	-0.01 %
HVDC	722	0.22 %
Interconnection	695	0.21 %
Net Energy	334,171	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:	21:00:00 Hour
Total Set On Bus	17,528 MW
TNB Generation	3,491 MW
IPP Generation	12,781 MW
Spinning Reserve	1,230 MW
Maximum Demand	16,259 MW
Net Energy	334,171 MWH
Load Factor	85.64 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,696
Hydro	162
Syncon	600
Thermal	510
Total	2,968

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	24

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	47
Total TNB	76
CBPS	41
EMPP	170
NPRI	108
PCGP	63
SPGP	138
Total IPP	519
Total Gas	595
Total Gas Required	595

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	15049	14339	13883	13370	13011	12674	12720	12467	11993	12444	12974	13317	13322	13329	13732	14076	14199	14263	14105	14428	16040	16259	16066	15726

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, September 6, 2022 3:13:55 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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								
KNYR	HY04	101	101	101	100	100	100	100	101	100	100	101	101	101	101	101	101	101	101	101	102	101	101	102	101	101	101	101	101				
LPIA	HY01	19	19	19	19	19	19	19	19	19	19	19	17	15	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17				
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	18	18	18	18	18				
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	3	3	3	3				
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	20				
PGAU	HY02	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1					
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	30	50	50	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	30	50	50					
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	17	25	25	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	17	25	25	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	17	25	25	0				
TMGR	HY01	83	83	81	-1	-1	-1	-1	-1	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	84	83	83	83	83	83	83	83	83	83	83			
TMGR	HY02	86	85	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	85	87	88	88	88	88	87	88	88	87	88	88			
TMGR	HY03	82	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	83	84	83	83	83	83	83	83	83	83			
TMGR	HY04	83	47	38	85	71	41	42	41	85	85	69	85	42	40	39	73	40	85	85	85	85	52	42	66	84	83	83	83	83			
UJLI	HY01	86	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92				
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	-1	-1	-1	94				
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
Total Hydro		1207	956	735	700	685	656	657	677	615	617	616	622	616	573	567	565	518	639	584	527	526	654	654	655	622	612	658	819	969			
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	0	0	0	0			
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	13	6	10	13	15	26	22	20	18	18	16	14	13	24		
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	7	9	11	18	24	17	23	28	36	38	37	23	35	18		
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	20	15	14	15	28	32	18	26	21	29	16	32	23	20		
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	9	26	20	20	21	27	19	22	34	32	31	43	15	27		
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	17	17	19	19	14	17	18	20	23	30	26	25	20		
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	12	14	15	27	28	39	34	26	40	35	17	17	26		
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	7	9	7	11	16	19	31	31	23	24	29	33	22		
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	7	17	15	18	21	20	22	30	34	24	37	20	23	19	20		
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	30	64	38	34	36	67	91	47	77	76	92		
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	18	16	17	17	25	39	29	36	28	41	23	37	36	31		
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	16	32	56	49	52	62	51	60	46	64	61	50	57	69	56	
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	12	13	16	17	24	22	22	16	21	17	16	19	17	15	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	10	13	20	16	22	28	48	43	33	45	32	39	31	21	
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	12	16	22	31	31	46	57	75	64	71	73	97	75	73	56	
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	12	54	70	71	98	71	56	98	94	72	88	83	62	84	101	91	
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	13	20	37	28	33	29	36	41	52	48	52	39	33	40	
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	13	11	20	13	19	23	31	22	28	21	29	21	15	19	13	
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	2	5	13	13	21	13	15	17	19	20	21	22	29	26	24	
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	12	13	22	22	20	30	30	30	30	30	30	30	30	30	28	15
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	8	42	108	256	395	436	483	495	600	734	673	687	753	780	648	673	657	571	521
PCUF	CUFG	23	22	22	23	22	22	22	23	23	22	23	24	23	22	23	22	20	19	19	19	20	19	18	18	18	17	18	18	17	17	17	17
PCUF	CUFK	4	4	4	6	5	4	4	4	5	6	4	4	3	6	3	5	6	4	4	4	5	4	5	5	4	5	4	3	5	4	4	5
Total Co-Gen		27	26	26	29	27	26	26	27	28	28	26	27	25	29	27	28	29	26	27	26	25	23	23	23	25	23	23	23	22	20	23	22
Total Gen		15087	14784	14388	14143	13901	13560	13392	13205	13066	12846	12703	12673	12767	12826	12503	12185	12031	12298	12442	12629	12937	13282	13311	13389	13290	13258	13273	13532	13780	14120	14122	14230
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	0	0	0	0	0	0	0	0

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																										
TIE-HVDC		31	31	31	31	30	30	30	30	31	31	30	30	29	29	30	30	30	30	31	31	29	29	31	31	29	31	28	29	29	31	29	31	29	28																
TIE-PLTG		8	12	18	-44	-12	-9	-8	10	25	-1	-1	30	18	3	6	45	7	14	-32	-29	-67	-43	-36	-28	-63	-70	-86	-15	17	68	15	20	-38	-25	17	1	-18	14	117	0	-12	-15	10	-7	47	12	30	42		
Interconnection		38	43	49	-13	18	21	22	40	55	30	29	60	47	32	36	75	38	45	-2	1	-37	-13	-6	2	-32	-39	-56	14	48	99	46	51	-7	4	47	31	13	45	146	31	16	14	39	24	75	43	59	70		
System Total		15049	14741	14339	14156	13883	13539	13370	13165	13011	12816	12674	12613	12720	12794	12467	12110	11993	12253	12444	12628	12974	13295	13317	13387	13322	13297	13329	13518	13732	14021	14076	14179	14199	14305	14263	14050	14105	14113	14428	15446	16040	16220	16259	16226	16066	15948	15726	15545		
SRev ST-Coal		204	185	223	532	546	535	580	661	651	646	665	664	664	649	714	702	703	713	697	703	717	697	697	691	690	694	708	699	685	644	600	566	532	545	539	533	576	541	499	269	195	179	206	197	189	215	185	192		
SRev CCGT-Gas		1287	1357	1492	1393	1597	1919	1976	1852	1859	2037	2052	1951	1845	1765	1997	2257	2360	2271	2237	2121	1830	1842	1953	1983	2190	2133	2173	2165	2197	1897	2213	2227	2213	2138	2101	2145	1977	1919	1540	1135	893	738	645	720	807	935	1054	1082		
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	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	
SRev ST-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	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	0
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	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	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	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	0
Syncon		489	802	890	978	978	978	978	827	978	890	978	827	978	978	978	978	827	827	978	978	978	852	852	852	852	852	701	764	676	676	676	676	676	525	525	676	676	676	489	302	302	302	302	151	302	302	302	151		
Hydro		288	101	147	94	109	138	137	268	51	50	50	195	50	93	99	101	299	178	82	39	40	163	163	162	195	205	310	134	152	155	200	198	195	239	236	108	153	152	274	348	79	76	77	207	85	82	199	387		
S.Reserve Total		2268	2445	2752	2997	3230	3570	3671	3608	3539	3710	3745	3637	3537	3485	3788	4038	4189	3989	3994	3841	3565	3554	3665	3688	3927	3884	3892	3762	3710	3372	3689	3667	3616	3447	3401	3462	3382	3288	2802	2054	1469	1295	1230	1275	1383	1534	1740	1812		