

Daily System Generation Summary on Sunday

Sunday, June 19, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,309 MW
Distillate	0 MW
Total TNB	2,309 MW
Total IPP	18,412 MW
Total Co-Gen	0 MW
Total System	25,000 MW

Generation Mix

Type	MWh	Percentage
Hydro	8,298	2.54 %
Gas	31,021	9.48 %
Total TNB	39,319	12.02 %
ST-Coal	201,038	61.46 %
LSS	5,235	1.60 %
Gas	81,295	24.85 %
Total IPP	287,568	87.91 %
Co-Gen	810	0.25 %
Total Co-Gen	810	0.25 %
Total Generation	327,697	100.18 %
PLTG	-126	-0.04 %
HVDC	720	0.22 %
Interconnection	594	0.18 %
Net Energy	327,103	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:	21:00:00 Hour
Total Set On Bus	17,708 MW
TNB Generation	2,434 MW
IPP Generation	13,344 MW
Spinning Reserve	1,892 MW
Maximum Demand	15,786 MW
Net Energy	327,103 MWH
Load Factor	86.34 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,768
Hydro	343
Syncon	559
Thermal	385
Total	3,055

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Cloudy	23

Gas Usage

Station	(mmscfd)
GLGR	55
TJGS	47
Total TNB	102
CBPS	38
EMPP	234
NPRI	156
PCGP	64
PLPS	51
SPGP	123
Total IPP	666
Total Gas	769
Total Gas Required	769

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	14321	13744	13304	12853	12471	12326	12340	12054	11635	12225	12758	13332	13499	13501	13852	14077	14066	14104	13875	14217	15687	15786	15474	15233

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, July 4, 2022 2:29:40 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	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
KNYR	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
LPIA	HY02	26	21	17	18	18	18	18	18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	16	16
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	HY03	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
PGAU	HY04	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
SIHY	HY02	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SIHY	HY03	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SYPS	HY01	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
SYPS	HY03	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
SYPS	HY04	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
TMGR	HY01	43	40	86	60	64	76	42	79	46	73	55	67	68	84	40	46	44	43	51	42	43	71	43	43
TMGR	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
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
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		414	408	452	427	429	442	406	443	410	382	246	226	228	243	188	199	197	191	199	169	170	198	169	154
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
BSLS	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
JSLs	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
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
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
TBLS	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
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
PCUF	CUFG	21	20	24	24	25	26	20	22	22	23	23	23	23	22	22	23	22	21	19	19	20	20	19	19
PCUF	CUFK	11	11	9	11	10	9	8	9	10	11	10	9	9	10	11	10	10	10	9	9	10	10	10	10
Total Co-Gen		32	31	33	35	35	35	28	31	32	34	33	32	32	34	34	35	34	32	31	33	32	31	28	29
Total Gen		14322	14114	13735	13557	13307	13070	12895	12704	12502	12465	12335	12340	12375	12419	12092	11613	11668	11924	12210	12531	12784	13124	13376	
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		29	30	30	30	30	29	29	30	30	29	29	30	31	31	31	29	29	31	31	31	31	31	31	29

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-PLTG		-29	1	-39	-14	-27	-7	12	-8	1	-30	-20	-17	5	3	7	-19	2	-9	-46	-21	-5	13	13	-9	3	-15	-9	41	-31	-40	-23	46	10	-17	7	18	6	-24	-14	22	8	-11	2	38	-1	-25	7	-5	
Interconnection		1	31	-9	16	3	23	42	22	31	-2	9	13	35	34	38	12	33	21	-15	10	26	44	44	20	32	16	22	72	0	-10	8	75	39	14	37	48	36	7	16	52	37	20	30	66	30	4	38	24	
System Total		14321	14083	13744	13541	13304	13047	12853	12682	12471	12467	12326	12327	12340	12385	12054	11601	11635	11903	12225	12521	12758	13080	13332	13440	13499	13510	13501	13679	13852	13941	14077	14115	14066	14201	14104	13932	13875	13839	14217	15093	15687	15767	15786	15715	15474	15450	15233	14953	
SRev ST-Coal		252	276	449	473	502	537	529	698	781	793	787	787	781	786	798	793	785	790	789	654	668	660	525	523	533	529	516	523	527	444	405	380	385	353	345	356	368	371	374	232	163	174	175	173	185	180	166	181	
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		
SRev CCGT-Gas		2348	2525	2615	2294	2206	2146	2272	2226	2254	2223	2223	2193	2171	2135	2335	2403	2417	2466	2305	2261	2183	2112	2217	2136	2357	2172	2229	2009	1924	2118	2016	2048	2145	2070	2095	2188	2142	2216	1963	1257	939	918	937	946	1178	1309	1384	1663	
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		
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 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
Syncon		676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	
Hydro		326	332	288	313	311	298	334	297	330	308	319	299	297	282	337	326	328	334	326	206	205	177	206	194	191	195	256	273	273	279	278	275	258	338	383	445	422	386	380	384	553	501	478	508	537	462	485	485	
S.Reserve Total		3602	3809	4048	3776	3695	3657	3811	3897	4041	4000	4005	3955	3925	3879	4146	4198	4206	4266	4096	3797	3732	3625	3624	3556	3784	3599	3704	3508	3427	3544	3402	3406	3464	3437	3499	3665	3608	3749	3393	2549	1957	1895	1892	1929	2202	2253	2337	2631	