

Daily System Generation Summary on Saturday

Saturday, October 8, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,347 MW
Distillate	0 MW
Total TNB	2,347 MW
Total IPP	16,917 MW
Total Co-Gen	0 MW
Total System	21,981 MW

Generation Mix

Type	MWh	Percentage
Hydro	22,508	6.74 %
Gas	29,944	8.96 %
Total TNB	52,452	15.70 %
ST-Coal	217,908	65.22 %
LSS	5,003	1.50 %
Gas	58,268	17.44 %
Total IPP	281,179	84.15 %
Co-Gen	668	0.20 %
Total Co-Gen	668	0.20 %
Total Generation	334,299	100.05 %
PLTG	173	0.05 %
Interconnection	173	0.05 %
Net Energy	334,126	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:	19:30:00 Hour
Total Set On Bus	17,184 MW
TNB Generation	2,779 MW
IPP Generation	12,974 MW
Spinning Reserve	1,388 MW
Maximum Demand	15,743 MW
Net Energy	334,126 MWH
Load Factor	88.43 %

Fuel Cost

Total Cost:	117,174,268.79 RM
Cost per Unit	35.05 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,012
Hydro	461
Syncon	492
Thermal	476
Total	2,441

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmcsfd)
GLGR	29
TJGS	54
Total TNB	82
CBPS	36
EMPP	164
NPRI	68
PCGP	80
PLPS	37
SPGP	126
Total IPP	511
Total Gas	593
Total Gas Required	593

Alternate Fuel Usage

Station	(mmcsfd)
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	14084	13414	12962	12706	12379	12289	12265	12191	12153	13297	13935	14423	14302	14068	14345	14598	14671	14667	14510	15211	15681	15533	15185	14798

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, November 2, 2022 2:52:37 PM
(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Saturday

[illegible]

Daily MW Generation on Saturday

		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	HY01	31	31	31	31	31	31	32	31	31	31	31	31	31	31	31	31	31	31	31	32	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30
KNRG	HY02	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
KNYR	HY01	100	100	100	100	99	99	99	99	100	100	99	99	100	100	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
KNYR	HY02	104	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103
KNYR	HY03	60	99	99	99	99	99	99	98	98	98	98	98	99	99	100	100	100	99	100	99	98	98	98	98	98	97	97	99	99	100	100	100	100	100	100	99	99	98	98	98	98	97	98	98	98	99	100	100	100
KNYR	HY04	59	100	100	100	100	101	101	100	101	101	101	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99	99	101	100	101	101	101	101	101	100	101	101	100	101	101	100	101	100	101	100	101	100	100	
LPIA	HY01	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
LPIA	HY02	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY01	22	22	22	22	22	81	23	22	23	23	23	23	23	23	23	23	23	23	23	22	22	22	22	22	22	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	HY02	22	22	22	22	22	82	82	22	23	23	23	23	23																																				

Daily MW Generation on Saturday

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
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
ESTL	ESTL	0	2	3	0	0	0	0	8	10	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0
KHTC	BLK1	5	4	2	4	2	3	1	2	4	4	3	3	1	3	3	2	0	3	0	0	0	0	0	0
PCUF	CUFG	16	15	16	15	12	14	13	16	15	14	14	13	14	15	14	15	15	16	14	15	14	17	14	13
PCUF	CUFK	7	4	5	5	1	4	4	5	6	5	5	5	3	7	5	4	12	10	12	13	11	4	5	4
Total Co-Gen		28	25	26	24	15	21	18	23	33	33	26	28	20	24	22	22	28	25	29	28	26	20	19	18
Total Gen		14091	13635	13400	13219	12970	12834	12673	12402	12349	12276	12304	12292	12283	12322	12231	12049	12178	12819	13261	13618	13939	14223	14384	14511
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		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-PLTG		7	23	-14	-43	8	-50	-33	5	-30	20	15	50	18	2	40	-52	25	25	-36	-30	4	1	-39	20
Interconnection		7	23	-14	-43	8	-50	-33	5	-30	20	15	50	18	2	40	-52	25	25	-36	-30	4	1	-39	20
System Total		14084	13612	13414	13262	12962	12884	12706	12397	12379	12256	12289	12242	12265	12320	12191	12101	12153	12794	13297	13648	13935	14222	14423	14491
SRev ST-Coal		820	893	899	937	950	977	970	957	950	957	958	959	956	954	958	964	952	944	857	829	744	659	594	607
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		423	879	361	398	531	173	183	299	348	391	355	369	368	350	707	1083	1424	1306	1263	1109	1349	1354	1338	1367
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
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		462	462	462	462	462	462	462	462	462	462	462	462	462	550	550	550	550	550	550	550	550	550	550	550
Hydro		597	516	517	470	500	228	347	445	448	454	475	470	472	458	439	439	487	459	483	483	480	474	448	444
S.Reserve Total		2302	2750	2239	2267	2443	1840	1962	2163	2208	2264	2250	2260	2258	2224	2653	3036	3413	3259	3153	2971	3130	3045	2930	2968