



ལྷན་ཁག་དང་ལས་ཁུངས་ཀྱི་འཛིན་སྐྱོང་གི་དཔལ་འབྱོར་གྱི་ལྷན་ཁག་
Ministry of Energy and Natural Resources
Royal Government of Bhutan
Bhutan Power System Operator
Thimphu: Bhutan



THE DAILY BHUTAN POWER SYSTEM OPERATOR LOAD-GENERATION BALANCE REPORT & ENERGY FIGURES ISSUED ON 24-Jun-2026(-ve:import, +ve:export)						
Report Details	Date	Time	National Coincidental Peak Load (MW)		Date	Time
	June 23, 2026	9:00 AM			08-Nov-25	19:03:00
						1,477.00
Sl. No.	Hydropower Plant	Unit	MW	Transmission Lines and Elements	Load (MW)	Remarks
1	6 x 170 MW THP (Tala)	Unit-I	187.44	400kV THP - Siliguri Line - I	218.28	
		Unit-II	187.72	400kV THP - Siliguri Line - II	216.64	
		Unit-III	186.97	400kV THP - Norbugang - IV	235.23	
		Unit-IV	155.31	400kV THP - Malbase Line - III	412.13	
		Unit-V	186.88	400kV Malbase - Siliguri Line	158.33	
		Unit-VI	186.92	400kV Norbugang-Siliguri Line	101.00	
		Total	1,091.24	Auxiliary Consumption & Transformation Losses at Generator end	0.82%	
2	4 x 180 MW MHP (Mangdechhu)	Unit-I	197.35	400kV MHP - Jigmeling Line - I	256.55	400kV MHP-JLG line- II under shutdown.
		Unit-II	197.92	400kV MHP - Jigmeling Line - II	0.00	
		Unit-III	195.58	400kV MHP - Jigmeling Line - III	265.53	
		Unit-IV	197.80	400kV MHP - Jigmeling Line - IV	265.81	
		-	-	220kV Jigmeling - BitDeer Line - I	177.46	
		-	-	220kV Jigmeling - BitDeer Line - II	159.89	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	386.91	
		-	-	400kV Jigmeling - Alipurdhar Line - I	263.27	
		-	-	400kV Jigmeling - Alipurdhar Line - II	262.55	
		-	-	80MVA, 220/132kV ICT - I (HV)	25.37	
		-	-	80MVA, 220/132kV ICT - II (HV)	25.09	
		-	-	132kV MHP - Yurmo Line - II	52.49	
		-	-	132kV MHP - Tintibi Line	73.55	
		-	-	132kV Gelephu - Salakati Line	-8.15	
		Total	788.65	Auxiliary Consumption & Transformation Losses at Generator end	0.46%	
3	6 x 170 MW PHP-II (Punatsangchhu)	Unit-I	185.64	400kV PHP-II - Jigmeling-I	68.03	Unit-II & III under Shutdown.
		Unit-II	0.00	400kV PHP-II - Jigmeling-II	67.01	
		Unit-III	0.00	400kV PHP-II - Alipurdhar-I	303.88	
		Unit-IV	184.75	400kV PHP-II - Alipurdhar-II	303.71	
		Unit-V	181.58	-	-	
		Unit-VI	185.54	-	-	
		Total	737.51	Auxiliary Consumption & Transformation Losses at Generator end	-0.69%	
4	4 x 84 MW CHP (Chukha)	Unit-I	91.44	220kV CHP - Birpara Line - I	15.56	All Units & Feeders are in Service.
		Unit-II	91.33	220kV CHP - Birpara Line - II	15.59	
		Unit-III	86.62	220kV CHP - Gedu	93.49	
		Unit-IV	91.80	220kV CHP - Jamjee - I	76.79	
		-	-	220kV CHP - Jamjee - II	75.00	
		-	-	220kV CHP - Jamjee - III	73.44	
		-	-	220kV Malbase - Birpara Line	-3.74	
		-	-	66kV CHP - Gedu Line	8.77	
		Total	361.19	Auxiliary Consumption & Transformation Losses at Generator end	0.71%	
5	2 x 12 MW BHP (U/S) (Basochu)	Unit-I	12.03	220kV BHP - Semtokha Line	71.19	
		Unit-II	9.72	66kV BHP - Lobeysa Line	23.78	
		Total	21.75	220kV BHP - Tsirang Line	-30.82	
6	2 x 20 MW BHP (L/S) (Basochu)	Unit-I	20.51	5MVA, 66/11kV TFR	0.38	All Units and Feeders are in Service.
		Unit-II	20.51	30MVA ICT, 220/66kV (HV)	0.65	
		Total	41.02	Auxiliary Consumption & Transformation Losses at Generator end	-2.80%	
7	2 x 63 MW DHP (Dagachhu)	Unit-I	49.51	220kV DHP - Tsirang Line	0.00	220kV DHP-Tsirang line on Standby.
		Unit-II	47.02	220kV DHP - Dagapela Line	96.00	
		-	-	220kV BitDeer - Dagapela Line	-47.78	
		-	-	5MVA, 220/33kV TFR	0.20	
		Total	96.53	Auxiliary Consumption & Transformation Losses at Generator end	0.34%	
8	4 x 15 MW KHP (Kurichhu)	Unit-I	16.63	132kV KHP - Nangkhor Line	52.04	All Units and Feeders are in Service.
		Unit-II	16.58	132kV KHP - Kilikhar Line	13.47	
		Unit-III	16.63	5MVA, 132/11kV TFR	0.30	
		Unit-IV	16.59	132kV Motanga - Rangja Line	58.89	
		Total	66.43	Auxiliary Consumption & Transformation Losses at Generator end	0.93%	
9	2 x 59 MW NHP (Nikachhu)	Unit-I	64.91	132kV NHP-MHP-I	64.46	All Units and Feeders are in Service.
		Unit-II	64.94	132kV NHP-MHP-II	64.46	
		Total	129.85	Auxiliary Consumption & Transformation Losses at Generator end	0.72%	
10	2 x 9 MW SHP (Suchhu)	Unit-I	0.00	66kV SHP-Damdhum (Samtse)	0.00	Both Units under Shutdown. Interim measure: Evacuation is through 33kV System.
		Unit-II	0.00	-	-	
		Total	0.00	Auxiliary Consumption & Transformation Losses at Generator end	0.00%	
11	22.38 MWp SSP (Sephu Solar Plant)	Inverter-1	1.18	33kV SSP-Wangdue	5.24	All Inverters & Feeders are in Service.
		Inverter-2	1.89	33kV SSP-Trongsa	4.58	
		Inverter-3	2.18	-	-	
		Inverter-4	2.20	-	-	
		Inverter-5	2.38	-	-	
		Total	9.82	Auxiliary Consumption & Transformation Losses at Generator end	0.02%	
12	2 x 16 MW YHP (Yungichhu)	Unit-I	0.00	132kV YHP-Kilikhar	15.00	Unit-I under Shutdown.
		Unit-II	16.02	5MVA, 132/33kV TFR	0.80	
		Total	16.02	Auxiliary Consumption & Transformation Losses at Generator end	1.37%	
13	2 x 27 MW BSHP (Burgangchhu Small HP)	Unit-I	27.35	132kV BSHP-Panbang	37.28	
		Unit-II	27.18	132kV BSHP-Tintibi	16.81	
		Total	54.53	Auxiliary Consumption & Transformation Losses at Generator end	0.81%	

Note: Generation-Load Summary (MW) for 23-Jun-26 at 09:00 hrs

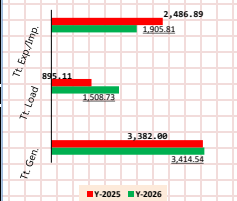
Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	3,414.54	1,508.73	1,905.81

Note: Generation-Load Summary (MW) for 23-Jun-25 at 09:00 hrs

Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	3,382.00	895.11	2,486.89

09:00 hrs Statistical Comparison

(MW) for this and last year



THE DAILY BHUTAN POWER SYSTEM OPERATOR LOAD-GENERATION BALANCE REPORT & ENERGY FIGURES ISSUED ON 24-Jun-2026(-ve:import, +ve:export)						
Report Details	Date	Time	National Coincidental Peak Load (MW)		Date	Time
	June 23, 2026	19:00:00			08-Nov-25	19:03:00
						1,477.00
Sl. No.	Hydropower Plant	Unit	MW	Transmission Lines and Elements	Load (MW)	Remarks
1	6 x 170 MW THP (Tala)	Unit-I	147.59	400kV THP - Siliguri Line - I	163.53	Unit-II & Unit-III on Standby. All Feeders are in Service.
		Unit-II	167.77	400kV THP - Siliguri Line - II	162.56	
		Unit-III	114.09	400kV THP - Norbugang Line - IV	200.06	
		Unit-IV	156.46	400kV THP - Malbase Line - III	354.29	
		Unit-V	160.04	400kV Malbase - Siliguri Line	108.52	
		Unit-VI	142.15	400kV Norbugang-Siliguri Line	62.40	
		Total	888.10	Auxiliary Consumption & Transformation Losses at Generator end	0.86%	
2	4 x 180 MW MHP (Mangdechhu)	Unit-I	197.22	400kV MHP - Jigmeling Line - I	256.22	400kV MHP-JLG line- II under shutdown.
		Unit-II	197.63	400kV MHP - Jigmeling Line - II	0.00	
		Unit-III	195.06	400kV MHP - Jigmeling Line - III	265.11	
		Unit-IV	197.64	400kV MHP - Jigmeling Line - IV	265.55	
		-	-	220kV Jigmeling - BitDeer Line - I	191.76	
		-	-	220kV Jigmeling - BitDeer Line - II	174.25	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	454.55	
		-	-	400kV Jigmeling - Alipurdur Line - I	277.09	
		-	-	400kV Jigmeling - Alipurdur Line - II	275.64	
		-	-	80MVA, 220/132kV ICT - I (HV)	45.00	
		-	-	80MVA, 220/132kV ICT - II (HV)	44.54	
		-	-	132kV MHP - Yumo Line - II	60.32	
		-	-	132kV MHP - Tintibi Line	18.58	
		-	-	132kV Gelephu - Salakati Line	-22.82	
		Total	787.55	Auxiliary Consumption & Transformation Losses at Generator end	0.16%	
3	6 x 170 MW PHP-II (Punatsangchhu)	Unit-I	179.36	400kV PHP II - Jigmeling -I	115.51	Unit-II under Shutdown.
		Unit-II	0.00	400kV PHP II - Jigmeling -II	114.88	
		Unit-III	184.32	400kV PHP II - Alipurdur-I	341.84	
		Unit-IV	180.39	400kV PHP II - Alipurdur -II	340.73	
		Unit-V	181.86	-	-	
		Unit-VI	180.94	-	-	
		Total	906.87	Auxiliary Consumption & Transformation Losses at Generator end	-0.67%	
4	4 x 84 MW CHP (Chhukha)	Unit-I	91.49	220kV CHP - Birpara Line - I	7.76	All Units & Feeders are in Service..
		Unit-II	91.24	220kV CHP - Birpara Line - II	7.70	
		Unit-III	87.24	220kV CHP - Gedu	96.98	
		Unit-IV	91.34	220kV CHP - Jamjee - I	80.67	
		-	-	220kV CHP - Jamjee - II	80.10	
		-	-	220kV CHP - Jamjee - III	77.35	
		-	-	220kV Malbase - Birpara Line	-19.06	
		-	-	66kV CHP - Gedu Line	8.52	
		Total	361.31	Auxiliary Consumption & Transformation Losses at Generator end	0.62%	
5	2 x 12 MW BHP (U/S) (Basochhu)	Unit-I	11.10	220kV BHP - Semtokha Line	75.55	All Units and Feeders are in Service.
		Unit-II	11.05	66kV BHP - Lobeyssa Line	27.30	
		Total	22.15	220kV BHP - Tsirang Line	-40.55	
6	2 x 20 MW BHP (L/S) (Basochhu)	Unit-I	20.51	5MVA, 66/11kV TFR	0.60	
		Unit-II	20.54	30MVA ICT, 220/66kV (HV)	5.97	
		Total	41.05	Auxiliary Consumption & Transformation Losses at Generator end	0.47%	
7	2 x 63 MW DHP (Dagachhu)	Unit-I	32.38	220kV DHP - Tsirang Line	0.00	220kV DHP-Tsirang line on Standby.
		Unit-II	31.03	220kV DHP - Dagapela Line	62.90	
		-	-	220kV BitDeer - Dagapela Line	-14.88	
		-	-	5MVA, 220/33kV TFR	0.20	
		Total	63.41	Auxiliary Consumption & Transformation Losses at Generator end	0.49%	
8	4 x 15 MW KHP (Kurichhu)	Unit-I	16.53	132kV KHP - Nangkor Line	45.51	All Units & Feeders are in Service.
		Unit-II	16.58	132kV KHP - Kilikhar Line	19.72	
		Unit-III	16.61	5MVA, 132/11kV TFR	0.36	
		Unit-IV	16.50	132kV Motanga - Rangla Line	47.14	
		Total	66.22	Auxiliary Consumption & Transformation Losses at Generator end	0.95%	
9	2 x 59 MW NHP (Nikachhu)	Unit-I	39.96	132kV NHP-MHP-I	39.73	All Units & Feeders are in Service.
		Unit-II	39.96	132kV NHP-MHP-II	39.77	
		Total	79.92	Auxiliary Consumption & Transformation Losses at Generator end	0.53%	
10	2 x 9 MW SHP (Suchhu)	Unit-I	-	66kV SHP-Damdhum (Samtse)	0.00	Both Units under Shutdown. Interim measure: Evacuation is through 33kV System.
		Unit-II	0.00	-	-	
		Total	0.00	Auxiliary Consumption & Transformation Losses at Generator end	0.00%	
11	2 x 16 MW YHP (Yungichhu)	Unit-I	0.00	132kV YHP-Kilikhar	14.33	Unit I on Standby.
		Unit-II	16.01	5MVA, 132/33kV TFR	1.45	
		Total	16.01	Auxiliary Consumption & Transformation Losses at Generator end	1.44%	
12	2 x 27 MW BSHP (Burgangchhu Small HP)	Unit-I	25.44	132kV BSHP-Panbang	31.65	Unit-I started its 72hrs trial run on 14.06.2026 at 00:30hrs.
		Unit-II	27.15	132kV BSHP-Tintibi	20.37	
		Total	52.59	Auxiliary Consumption & Transformation Losses at Generator end	1.08%	

Note: Generation-Load Summary (MW) for 23-Jun-2026 at 18:00 hrs

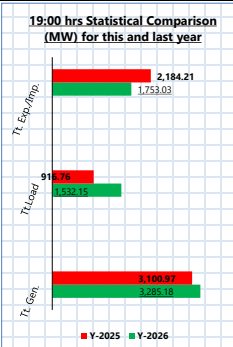
Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	3,285.18	1,532.15	1,753.03

Note: Generation-Load Summary (MW) for 23-Jun-2025, at 19:00 hrs

Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	3,100.97	916.76	2,184.21

Note: Daily Energy (MUS) and Power(MW) Statistics for 23-Jun-2026

Sl. No.	Total Energy Generation	Daily Energy Met	Net Energy Import (IEX and Solar)	Net Energy Export	Peak Cross- border (MW)
1	78.36	35.31	0.00	43.06	2,112.81



- The Instantaneous load balance does not tend towards zero. This could be due to the following reasons:
 - Not all the meters are digital and not all the meter at all locations can be read at same time (say 9:00hrs) due to many meter to be read manually. ii) The clocks of all the locations are not synchronized.
- This report, compiled using the SCADA data, is prepared to give an overall idea of the generation & load flow for the system at a particular instant. This report also gives energy and import/export figures.
- When SCADA data are unavailable for certain stations due to technical issues, required data are collected from the site.