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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 08-Jun-2026(+ve:import, -ve:export)						
Report Details	Date	Time	National Coincidental Peak Load (MW)		Date	Time
	June 7, 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	165.45	400kV THP - Siliguri Line - I	83.26	Unit-II & III on Standby All Feeders are in Service.
		Unit-II	0.00	400kV THP - Siliguri Line - II	81.96	
		Unit-III	0.00	400kV THP - Norbugang - IV	153.03	
		Unit-IV	150.39	400kV THP - Malbase Line - III	302.19	
		Unit-V	150.11	400kV Malbase - Siliguri Line	28.06	
		Unit-VI	160.19	400kV Norbugang-Siliguri Line	0.59	
		Total	626.14	Auxiliary Consumption & Transformation Losses at Generator end	0.91%	
2	4 x 180 MW MHP (Mangdechhu)	Unit-I	154.88	400kV MHP - Jigmeling Line - I	218.52	400kV MHP-JLG line- II tripped and on Line-Patrolling.
		Unit-II	154.86	400kV MHP - Jigmeling Line - II	0.00	
		Unit-III	186.03	400kV MHP - Jigmeling Line - III	226.11	
		Unit-IV	175.02	400kV MHP - Jigmeling Line - IV	226.18	
		-	-	220kV Jigmeling - BitDeer Line - I	187.13	
		-	-	220kV Jigmeling - BitDeer Line - II	170.04	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	448.73	
		-	-	400kV Jigmeling - Alipurduar Line - I	174.55	
		-	-	400kV Jigmeling - Alipurduar Line - II	173.82	
		-	-	80MVA, 220/132kV ICT - I (HV)	46.56	
		-	-	80MVA, 220/132kV ICT - II (HV)	46.11	
		-	-	132kV MHP - Yurmo Line - II	55.60	
		-	-	132kV MHP - Tintibi Line	8.50	
		-	-	132kV Gelephu - Salakati Line	-35.79	
		Total	670.79	Auxiliary Consumption & Transformation Losses at Generator end	0.06%	
		Unit-I	185.22	400kV PHP II - Jigmeling - I	67.13	Unit-II under shutdown. Unit-VI & III under AMP.
		Unit-II	0.00	400kV PHP II - Jigmeling - II	66.78	
		Unit-III	0.00	400kV PHP II - Alipurduar - I	212.48	
		Unit-IV	183.39	400kV PHP II - Alipurduar - II	212.72	
		Unit-V	185.57	-	-	
		Unit-VI	0.00	-	-	
		Total	554.18	Auxiliary Consumption & Transformation Losses at Generator end	-0.89%	
4	4 x 84 MW CHP (Chukha)	Unit-I	74.45	220kV CHP - Birpara Line - I	-28.34	
		Unit-II	21.03	220kV CHP - Birpara Line - II	-28.03	
		Unit-III	74.53	220kV CHP - Gedu	35.94	
		Unit-IV	69.65	220kV CHP - Jamjee - I	86.36	
		-	-	220kV CHP - Jamjee - II	87.00	
		-	-	220kV CHP - Jamjee - III	82.71	
		-	-	220kV Malbase - Birpara Line	-31.70	
		-	-	66kV CHP - Gedu Line	4.66	
		Total	239.66	Auxiliary Consumption & Transformation Losses at Generator end	-0.27%	
5	2 x 12 MW BHP (U/S) (Basochhu)	Unit-I	4.20	220kV BHP - Semtokha Line	51.72	
		Unit-II	4.22	66kV BHP - Lobeysa Line	19.63	
		Total	8.42	220kV BHP - Tsirang Line	-45.62	
6	2 x 20 MW BHP (L/S) (Basochhu)	Unit-I	9.13	5MVA, 66/11kV TFR	0.26	All Feeders are in Service.
		Unit-II	7.80	30MVA ICT, 220/66kV (HV)	10.93	
		Total	16.93	Auxiliary Consumption & Transformation Losses at Generator end	-2.52%	
7	2 x 63 MW DHP (Dagachhu)	Unit-I	33.28	220kV DHP - Tsirang Line	0.00	Unit-II on Standby. 220kV DHP-Tsirang line under Shutdown.
		Unit-II	0.00	220kV DHP - Dagapela Line	33.01	
		-	-	220kV BitDeer - Dagapela Line	16.24	
		-	-	5MVA, 220/33kV TFR	0.50	
		Total	33.28	Auxiliary Consumption & Transformation Losses at Generator end	-0.69%	
8	4 x 15 MW KHP (Kurichhu)	Unit-I	16.51	132kV KHP - Nangkor Line	53.30	All Units and feeders are in Service.
		Unit-II	16.57	132kV KHP - Kilikhar Line	11.99	
		Unit-III	16.44	5MVA, 132/11kV TFR	0.31	
		Unit-IV	16.51	132kV Motanga - Rangja Line	26.69	
		Total	66.03	Auxiliary Consumption & Transformation Losses at Generator end	0.65%	
9	2 x 59 MW NHP (Nikachhu)	Unit-I	39.99	132kV NHP-MHP-I	32.24	All Units and feeders are in Service.
		Unit-II	25.00	132kV NHP-MHP-II	32.26	
		Total	64.99	Auxiliary Consumption & Transformation Losses at Generator end	0.75%	
10	2 x 9 MW SHP (Suchhu)	Unit-I	0.00	66kV SHP-Damdhum (Samtse)	0.00	Both the units are 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	17.38 MWp SSP (Sephu Solar Plant)	Inverter-1	1.05	33kV SSP-Wangdue	4.32	All Inverters & Feeders are in Service.
		Inverter-2	1.65	33kV SSP-Trongsa	4.59	
		Inverter-3	1.62	-	-	
		Inverter-4	2.86	-	-	
		Inverter-5	1.73	-	-	
		Total	8.91	Auxiliary Consumption & Transformation Losses at Generator end	0.00%	
12	2 x 16 MW YHP (Yungichhu)	Unit-I	0.00	132kV YHP-Kilikhar	15.12	Unit-I on Standby.
		Unit-II	16.01	5MVA, 132/33kV TFR	0.66	
		Total	16.01	Auxiliary Consumption & Transformation Losses at Generator end	1.44%	
13	2 x 27 MW BSHP (Burgangchhu Small HP)	Unit-I	0.00	132kV BSHP-Panbang	18.79	Test charge not yet done for Unit-I.
		Unit-II	27.46	132kV BSHP-Tintibi	8.36	
		Total	27.46	Auxiliary Consumption & Transformation Losses at Generator end	1.13%	

Note: Generation-Load Summary (MW) for 07-Jun-26 at 09:00 hrs

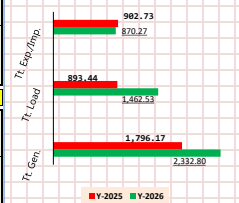
Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	2,332.80	1,462.53	870.27

Note: Generation-Load Summary (MW) for 07-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)	1,796.17	893.44	902.73

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 08-Jun-2026(-ve:import,+ve:export)						
Report Details	Date	Time	National Coincidental Peak Load (MW)		Date	Time
	June 7, 2025	19:00:00			08-Nov-25	19:03:00
						1,477.08
Sl. No.	Hydropower Plant	Unit	MW	Transmission Lines and Elements	Load (MW)	Remarks
1	6 x 170 MW THP (Tala)	Unit-I	125.62	400kV THP - Siliguri Line - I	37.89	Unit-III & Unit-II on Standby. All Feeders are in Service.
		Unit-II	0.00	400kV THP - Siliguri Line - II	37.14	
		Unit-III	0.00	400kV THP - Norbugang Line - IV	129.09	
		Unit-IV	115.49	400kV THP - Malbase Line - III	276.09	
		Unit-V	125.14	400kV Malbase - Siliguri Line	-18.99	
		Unit-VI	118.74	400kV Norbugang-Siliguri Line	-34.43	
		Total	484.99	Auxiliary Consumption & Transformation Losses at Generator end	0.99%	
2	4 x 180 MW MHP (Mangdechhu)	Unit-I	150.86	400kV MHP - Jigmeling Line - I	173.41	400kV MHP-JLG line- II tripped and on Line- Patrolling.
		Unit-II	170.79	400kV MHP - Jigmeling Line - II	0.00	
		Unit-III	139.87	400kV MHP - Jigmeling Line - III	179.68	
		Unit-IV	70.34	400kV MHP - Jigmeling Line - IV	179.40	
		-	-	220kV Jigmeling - BitDeer Line - I	184.47	
		-	-	220kV Jigmeling - BitDeer Line - II	168.04	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	456.73	
		-	-	400kV Jigmeling - Alipurdwar Line - I	130.91	
		-	-	400kV Jigmeling - Alipurdwar Line - II	130.18	
		-	-	80MVA, 220/132kV ICT - I (HV)	52.56	
		-	-	80MVA, 220/132kV ICT - II (HV)	52.19	
		-	-	132kV MHP - Yumo Line - II	59.27	
		-	-	132kV MHP - Tintibi Line	14.28	
		-	-	132kV Gelephu - Salakati Line	-30.33	
		Total	531.86	Auxiliary Consumption & Transformation Losses at Generator end	0.08%	
3	6 x 170 MW PHP-II (Punatsangchhu)	Unit-I	185.22	400kV PHP II - Jigmeling -I	97.69	Unit I & II under shutdown. Unit-VI & III under AMP.
		Unit-II	0.00	400kV PHP II - Jigmeling -II	97.03	
		Unit-III	0.00	400kV PHP II - Alipurdwar -I	183.43	
		Unit-IV	184.27	400kV PHP II - Alipurdwar -II	183.58	
		Unit-V	186.77	-	-	
		Unit-VI	0.00	-	-	
		Total	556.26	Auxiliary Consumption & Transformation Losses at Generator end	-0.98%	
4	4 x 84 MW CHP (Chhukha)	Unit-I	65.48	220kV CHP - Birpara Line - I	-30.35	Unit-II under Shutdown. All Units & Feeders are in Service.
		Unit-II	41.73	220kV CHP - Birpara Line - II	-30.15	
		Unit-III	64.72	220kV CHP - Gedu	23.30	
		Unit-IV	67.55	220kV CHP - Jamjee - I	91.50	
		-	-	220kV CHP - Jamjee - II	90.70	
		-	-	220kV CHP - Jamjee - III	87.79	
		-	-	220kV Malbase - Birpara Line	-25.28	
		-	-	66kV CHP - Gedu Line	5.00	
		Total	239.48	Auxiliary Consumption & Transformation Losses at Generator end	0.71%	
5	2 x 12 MW BHP (U/S) (Basochhu)	Unit-I	3.71	220kV BHP - Sertokha Line	45.10	
		Unit-II	3.72	66kV BHP - Lobeysa Line	22.09	
		Total	7.43	220kV BHP - Tsirang Line	-43.01	
6	2 x 20 MW BHP (L/S) (Basochhu)	Unit-I	8.70	5MVA, 66/11kV TFR	0.64	
		Unit-II	8.71	30MVA ICT, 220/66kV (HV)	14.69	
		Total	17.41	Auxiliary Consumption & Transformation Losses at Generator end	0.08%	
7	2 x 63 MW DHP (Dagachhu)	Unit-I	27.93	220kV DHP - Tsirang Line	0.00	220kV DHP-Tsirang line on Standby. Unit-II on Standby.
		Unit-II	0.00	220kV DHP - Dagapela Line	27.20	
		-	-	220kV BitDeer - Dagapela Line	21.36	
		-	-	5MVA, 220/33kV TFR	0.50	
		Total	27.93	Auxiliary Consumption & Transformation Losses at Generator end	0.82%	
8	4 x 15 MW KHP (Kurichhu)	Unit-I	16.50	132kV KHP - Nangkor Line	50.73	All Units & Feeders are in Service.
		Unit-II	16.56	132kV KHP - Kilikhar Line	14.60	
		Unit-III	16.47	5MVA, 132/11kV TFR	0.39	
		Unit-IV	16.36	132kV Motanga - Rangla Line	34.93	
		Total	65.89	Auxiliary Consumption & Transformation Losses at Generator end	0.26%	
9	2 x 59 MW NHP (Nikachhu)	Unit-I	44.83	132kV NHP-MHP-I	37.34	
		Unit-II	29.99	132kV NHP-MHP-II	37.27	
		Total	74.82	Auxiliary Consumption & Transformation Losses at Generator end	0.28%	
10	2 x 9 MW SHP (Suchhu)	Unit-I	5.01	66kV SHP-Damdhum (Samtse)	0.00	Interim measure: Evacuation is through 33kV System.
		Unit-II	5.07	-	-	
		Total	10.08	Auxiliary Consumption & Transformation Losses at Generator end	100.00%	
11	2 x 16 MW YHP (Yungichhu)	Unit-I	0.00	132kV YHP-Kilikhar	14.44	Unit I on standby & Feeders are in Service.
		Unit-II	16.01	5MVA, 132/33kV TFR	1.33	
		Total	16.01	Auxiliary Consumption & Transformation Losses at Generator end	1.50%	
12	2 x 27 MW BSHP (Burgangchhu Small HP)	Unit-I	0.00	132kV BSHP-Panbang	32.36	Test charge not yet done for Unit-I.
		Unit-II	27.45	132kV BSHP-Tintibi	-5.24	
		Total	27.45	Auxiliary Consumption & Transformation Losses at Generator end	1.20%	

Note: Generation-Load Summary (MW) for 07-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)	2,059.61	1,491.08	568.53

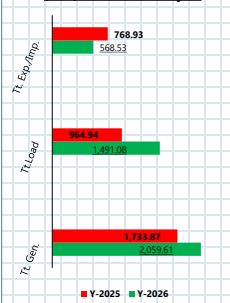
Note: Generation-Load Summary (MW) for 07-Jun-2025, at 19:00 hrs

Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	1,733.87	964.94	768.93

Note: Daily Energy (MUS) and Power(MW) Statistics for 07-Jun-2026

Sl. No.	Total Energy Generation	Daily Energy Met	Net Energy Import (IEX and Solar)	Net Energy Export	Peak Cross- border (MW)
1	51.66	34.00	0.00	17.67	982.16

19:00 hrs Statistical Comparison
(MW) for this and last year



- 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.
 - 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.