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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 11-Jun-2026(+ve:import, +ve:export)						
Report Details	Date	Time	National Coincidental Peak Load (MW)		Date	Time
	June 10, 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	85.65	400kV THP - Siliguri Line - I	8.78	Unit-II & III on Standby All Feeders are in Service.
		Unit-II	0.00	400kV THP - Siliguri Line - II	7.53	
		Unit-III	0.00	400kV THP - Norbugang - IV	97.88	
		Unit-IV	55.60	400kV THP - Malbase Line - III	216.62	
		Unit-V	88.22	400kV Malbase - Siliguri Line	-37.99	
		Unit-VI	105.33	400kV Norbugang-Siliguri Line	-21.58	
		Total	334.80	Auxiliary Consumption & Transformation Losses at Generator end	1.19%	
2	4 x 180 MW MHP (Mangdechhu)	Unit-I	145.18	400kV MHP - Jigmeling Line - I	176.55	400kV MHP-JLG line- II tripped and on Line-Patrolling.
		Unit-II	70.83	400kV MHP - Jigmeling Line - II	0.00	
		Unit-III	160.48	400kV MHP - Jigmeling Line - III	183.04	
		Unit-IV	165.35	400kV MHP - Jigmeling Line - IV	182.72	
		-	-	220kV Jigmeling - BitDeer Line - I	186.59	
		-	-	220kV Jigmeling - BitDeer Line - II	169.01	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	429.46	
		-	-	400kV Jigmeling - Alipurduar Line - I	142.55	
		-	-	400kV Jigmeling - Alipurduar Line - II	141.82	
		-	-	80MVA, 220/132kV ICT - I (HV)	37.36	
		-	-	80MVA, 220/132kV ICT - II (HV)	36.99	
		-	-	132kV MHP - Yurmo Line - II	56.68	
		-	-	132kV MHP - Tintibi Line	12.08	
		-	-	132kV Gelephu - Salakati Line	-37.54	
		Total	541.84	Auxiliary Consumption & Transformation Losses at Generator end	0.02%	
3	6 x 170 MW PHP-II (Punatsangchhu)	Unit-I	186.99	400kV PHP-II - Jigmeling-I	89.80	Unit-II under Shutdown. Unit-VI & III under AMP.
		Unit-II	0.00	400kV PHP-II - Jigmeling-II	89.27	
		Unit-III	0.00	400kV PHP-II - Alipurduar-I	191.29	
		Unit-IV	184.50	400kV PHP-II - Alipurduar-II	191.34	
		Unit-V	186.98	-	-	
		Unit-VI	0.00	-	-	
		Total	558.47	Auxiliary Consumption & Transformation Losses at Generator end	-0.58%	
4	4 x 84 MW CHP (Chukha)	Unit-I	61.57	220kV CHP - Birpara Line - I	-37.21	All Feeders are in Service. Unit-IV on Standby
		Unit-II	91.21	220kV CHP - Birpara Line - II	-36.95	
		Unit-III	61.71	220kV CHP - Gedu	39.11	
		Unit-IV	0.00	220kV CHP - Jamjee - I	82.92	
		-	-	220kV CHP - Jamjee - II	81.50	
		-	-	220kV CHP - Jamjee - III	79.03	
		-	-	220kV Malbase - Birpara Line	-49.49	
		-	-	66kV CHP - Gedu Line	5.16	
		Total	214.49	Auxiliary Consumption & Transformation Losses at Generator end	0.43%	
5	2 x 12 MW BHP (U/S) (Basochhu)	Unit-I	3.24	220kV BHP - Semtokha Line	53.82	All Units and Feeders are in Service.
		Unit-II	3.50	66kV BHP - Lobeysa Line	18.26	
		Total	6.74	220kV BHP - Tsirang Line	-51.82	
6	2 x 20 MW BHP (L/S) (Basochhu)	Unit-I	7.06	5MVA, 66/11kV TFR	0.31	All Units and Feeders are in Service.
		Unit-II	6.80	30MVA ICT, 220/66kV (HV)	11.71	
		Total	13.86	Auxiliary Consumption & Transformation Losses at Generator end	0.15%	
7	2 x 63 MW DHP (Dagachhu)	Unit-I	29.44	220kV DHP - Tsirang Line	0.00	Unit-II on Standby. 220kV DHP-Tsirang line on Standby.
		Unit-II	0.00	220kV DHP - Dagapela Line	29.18	
		-	-	220kV BitDeer - Dagapela Line	20.05	
		-	-	5MVA, 220/33kV TFR	0.25	
		Total	29.44	Auxiliary Consumption & Transformation Losses at Generator end	0.03%	
8	4 x 15 MW KHP (Kurichhu)	Unit-I	16.50	132kV KHP - Nangkor Line	53.79	All Units and Feeders are in Service.
		Unit-II	16.56	132kV KHP - Kilikhar Line	11.18	
		Unit-III	16.26	5MVA, 132/11kV TFR	0.38	
		Unit-IV	16.66	132kV Motanga - Rangja Line	31.78	
		Total	65.98	Auxiliary Consumption & Transformation Losses at Generator end	0.95%	
9	2 x 59 MW NHP (Nikachhu)	Unit-I	25.02	132kV NHP-MHP-I	34.65	Units and Feeders are in Service.
		Unit-II	44.98	132kV NHP-MHP-II	34.67	
		Total	70.00	Auxiliary Consumption & Transformation Losses at Generator end	0.97%	
10	2 x 9 MW SHP (Suchhu)	Unit-I	5.08	66kV SHP-Damdhum (Samtse)	0.00	Interim measure: Evacuation is through 33kV System.
		Unit-II	5.01	-	-	
		Total	10.09	Auxiliary Consumption & Transformation Losses at Generator end	100.00%	
11	17.38 MWp SSP (Sephu Solar Plant)	Inverter-1	0.70	33kV SSP-Wangdue	3.12	All Inverters & Feeders are in Service.
		Inverter-2	1.20	33kV SSP-Trongsa	2.99	
		Inverter-3	1.22	-	-	
		Inverter-4	1.59	-	-	
		Inverter-5	1.39	-	-	
		Total	6.10	Auxiliary Consumption & Transformation Losses at Generator end	0.00%	
12	2 x 16 MW YHP (Yungichhu)	Unit-I	0.00	132kV YHP-Kilikhar	14.99	Unit-I on Standby.
		Unit-II	16.01	5MVA, 132/33kV TFR	0.80	
		Total	16.01	Auxiliary Consumption & Transformation Losses at Generator end	1.37%	
13	2 x 27 MW BSHP (Burgangchhu Small HP)	Unit-I	0.00	132kV BSHP-Panbang	16.80	Test charge not yet done for Unit-I.
		Unit-II	27.43	132kV BSHP-Tintibi	10.50	
		Total	27.43	Auxiliary Consumption & Transformation Losses at Generator end	0.47%	

Note: Generation-Load Summary (MW) for 10-Jun-26 at 09:00 hrs

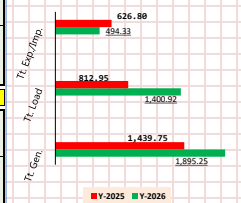
Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	1,895.25	1,400.92	494.33

Note: Generation-Load Summary (MW) for 10-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)	1,439.75	812.95	626.80

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 11-Jun-2026(-ve:import,+ve:export)						
Report Details	Date	Time	National Coincidental Peak Load (MW)		Date	Time
	June 10, 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	100.69	400kV THP - Siliguri Line - I	47.49	Unit-III & Unit-II on Standby. All Feeders are in Service.
		Unit-II	0.00	400kV THP - Siliguri Line - II	46.72	
		Unit-III	0.00	400kV THP - Norbugang Line - IV	131.23	
		Unit-IV	100.50	400kV THP - Malbase Line - III	275.11	
		Unit-V	164.02	400kV Malbase - Siliguri Line	-6.87	
		Unit-VI	140.06	400kV Norbugang-Siliguri Line	-24.75	
		Total	505.27	Auxiliary Consumption & Transformation Losses at Generator end	0.93%	
2	4 x 180 MW MHP (Mangdechhu)	Unit-I	82.85	400kV MHP - Jigmeling Line - I	162.89	400kV MHP-JLG line- II tripped and on Line- Patrolling.
		Unit-II	82.87	400kV MHP - Jigmeling Line - II	0.00	
		Unit-III	160.53	400kV MHP - Jigmeling Line - III	168.68	
		Unit-IV	174.29	400kV MHP - Jigmeling Line - IV	168.65	
		-	-	220kV Jigmeling - BitDeer Line - I	175.63	
		-	-	220kV Jigmeling - BitDeer Line - II	160.16	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	441.82	
		-	-	400kV Jigmeling - Alipurdwar Line - I	125.82	
		-	-	400kV Jigmeling - Alipurdwar Line - II	124.36	
		-	-	80MVA, 220/132kV ICT - I (HV)	53.65	
		-	-	80MVA, 220/132kV ICT - II (HV)	53.19	
		-	-	132kV MHP - Yumo Line - II	60.27	
		-	-	132kV MHP - Tintibi Line	0.00	
		-	-	132kV Gelephu - Salakati Line	-43.90	
		Total	500.54	Auxiliary Consumption & Transformation Losses at Generator end	-0.09%	
3	6 x 170 MW PHP-II (Punatsangchhu)	Unit-I	187.00	400kV PHP II - Jigmeling -I	99.93	Unit II under Shutdown. Unit-VI & III under AMP.
		Unit-II	0.00	400kV PHP II - Jigmeling -II	99.35	
		Unit-III	0.00	400kV PHP II - Alipurdwar -I	179.47	
		Unit-IV	184.74	400kV PHP II - Alipurdwar -II	179.50	
		Unit-V	185.36	-	-	
		Unit-VI	0.00	-	-	
		Total	557.10	Auxiliary Consumption & Transformation Losses at Generator end	-0.21%	
4	4 x 84 MW CHP (Chhukha)	Unit-I	50.67	220kV CHP - Birpara Line - I	-31.31	All Feeders are in Service.
		Unit-II	91.20	220kV CHP - Birpara Line - II	-31.05	
		Unit-III	48.87	220kV CHP - Gedu	31.33	
		Unit-IV	48.90	220kV CHP - Jamjee - I	89.85	
		-	-	220kV CHP - Jamjee - II	89.10	
		-	-	220kV CHP - Jamjee - III	85.91	
		-	-	220kV Malbase - Birpara Line	-31.81	
		-	-	66kV CHP - Gedu Line	5.49	
		Total	239.64	Auxiliary Consumption & Transformation Losses at Generator end	0.13%	
5	2 x 12 MW BHP (U/S) (Basochhu)	Unit-I	3.24	220kV BHP - Sertokha Line	54.88	All Units & Feeders are in Service.
		Unit-II	4.10	66kV BHP - Lobeysa Line	22.55	
		Total	7.34	220kV BHP - Tsirang Line	-57.31	
6	2 x 20 MW BHP (L/S) (Basochhu)	Unit-I	7.24	5MVA, 66/11kV TFR	0.65	
		Unit-II	6.23	30MVA ICT, 220/66kV (HV)	16.19	
		Total	13.47	Auxiliary Consumption & Transformation Losses at Generator end	0.19%	
7	2 x 63 MW DHP (Dagachhu)	Unit-I	27.39	220kV DHP - Tsirang Line	0.00	220kV DHP-Tsirang line on Standby. Unit-II on Standby.
		Unit-II	0.00	220kV DHP - Dagapela Line	27.00	
		-	-	220kV BitDeer - Dagapela Line	22.61	
		-	-	5MVA, 220/33kV TFR	0.32	
		Total	27.39	Auxiliary Consumption & Transformation Losses at Generator end	0.26%	
8	4 x 15 MW KHP (Kurichhu)	Unit-I	16.55	132kV KHP - Nangkor Line	51.19	All Units & Feeders are in Service.
		Unit-II	16.52	132kV KHP - Kilikhar Line	14.13	
		Unit-III	16.48	5MVA, 132/11kV TFR	0.49	
		Unit-IV	16.52	132kV Motanga - Rangla Line	30.54	
		Total	66.07	Auxiliary Consumption & Transformation Losses at Generator end	0.39%	
9	2 x 59 MW NHP (Nikachhu)	Unit-I	19.97	132kV NHP-MHP-I	29.73	All Units & Feeders are in Service.
		Unit-II	39.99	132kV NHP-MHP-II	29.77	
		Total	59.96	Auxiliary Consumption & Transformation Losses at Generator end	0.77%	
10	2 x 9 MW SHP (Suchhu)	Unit-I	5.07	66kV SHP-Damdhum (Samtse)	0.00	Interim measure: Evacuation is through 33kV System.
		Unit-II	5.01	-	-	
		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	14.54	Unit I on Standby.
		Unit-II	16.01	5MVA, 132/33kV TFR	1.23	
		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	16.68	Test charge not yet done for Unit-I.
		Unit-II	27.43	132kV BSHP-Tintibi	10.42	
		Total	27.43	Auxiliary Consumption & Transformation Losses at Generator end	1.20%	

Note: Generation-Load Summary (MW) for 10-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)	2,030.30	1,466.09	564.22

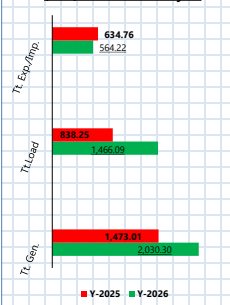
Note: Generation-Load Summary (MW) for 10-Jun-2025, at 19:00 hrs

Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	1,473.01	838.25	634.76

Note: Daily Energy (MUS) and Power(MW) Statistics for 10-Jun-2026

Sl. No.	Total Energy Generation	Daily Energy Met	Net Energy Import (IEX and Solar)	Net Energy Export	Peak Cross- border (MW)
1	47.92	34.22	0.00	13.70	795.61

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. 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.