

THE DAILY BHUTAN POWER SYSTEM OPERATOR LOAD-GENERATION BALANCE REPORT & ENERGY FIGURES ISSUED ON 29-Aug-2026(+ve:import,+ve:export)						
Report Details	Date	Time	National Coincidental Peak Load (MW)		Date	Time
	August 28, 2026	19:00:00			06-Aug-26	19:11:47
						1,615.00
Sl. No.	Hydropower Plant	Unit	MW	Transmission Lines and Elements	Load (MW)	Remarks
1	6 x 170 MW THP (Tala)	Unit-I	187.62	400kV THP - Siliguri Line - I	203.86	All Units and Feeders are in Service.
		Unit-II	187.72	400kV THP - Siliguri Line - II	202.60	
		Unit-III	187.20	400kV THP - Norbugang Line - IV	248.72	
		Unit-IV	186.31	400kV THP - Malbase Line - III	457.88	
		Unit-V	186.89	400kV Malbase - Siliguri Line	131.38	
		Unit-VI	187.00	400kV Norbugang-Siliguri Line	77.00	
		Total	1,122.74	Auxiliary Consumption & Transformation Losses at Generator end	0.86%	
2	4 x 180 MW MHP (Mangdechhu)	Unit-I	197.94	400kV MHP - Jigmeling Line - I	264.89	400kV MHP-JLG Line -III on Standby.
		Unit-II	197.94	400kV MHP - Jigmeling Line - II	264.27	
		Unit-III	195.07	400kV MHP - Jigmeling Line - III	0.00	
		Unit-IV	198.35	400kV MHP - Jigmeling Line - IV	257.90	
		-	-	220kV Jigmeling - BitDeer Line - I	188.16	
		-	-	220kV Jigmeling - BitDeer Line - II	170.21	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	433.09	
		-	-	400kV Jigmeling - Alipurdwar Line - I	309.82	
		-	-	400kV Jigmeling - Alipurdwar Line - II	309.09	
		-	-	80MVA, 220/132kV ICT - I (HV)	38.07	
		-	-	80MVA, 220/132kV ICT - II (HV)	37.72	
		-	-	132kV MHP - Yurno Line - II	59.42	
		-	-	132kV MHP - Tintibi Line	56.00	
		-	-	132kV Gelephu - Salakati Line	6.93	
		Total	789.30	Auxiliary Consumption & Transformation Losses at Generator end	0.73%	
3	6 x 170 MW PHP-II (Punatsangchhu)	Unit-I	184.87	400kV PHP II - Jigmeling -I	138.39	All Units & Feeders are in Service.
		Unit-II	175.53	400kV PHP II - Jigmeling -II	137.79	
		Unit-III	184.76	400kV PHP II - Alipurdwar -I	387.47	
		Unit-IV	182.39	400kV PHP II - Alipurdwar -II	386.72	
		Unit-V	141.99	-	-	
		Unit-VI	180.11	-	-	
		Total	1,049.65	Auxiliary Consumption & Transformation Losses at Generator end	-0.07%	
4	4 x 84 MW CHP (Chhukha)	Unit-I	91.58	220kV CHP - Birpara Line - I	5.72	Unit-III Tripped on 19:36hrs (27.08.2026) on operationof PRV of GT-09 of R-Phase
		Unit-II	91.22	220kV CHP - Birpara Line - II	5.40	
		Unit-III	0.00	220kV CHP - Gedu	36.79	
		Unit-IV	91.42	220kV CHP - Jamjee - I	74.33	
		-	-	220kV CHP - Jamjee - II	73.82	
		-	-	220kV CHP - Jamjee - III	71.38	
		-	-	220kV Malbase - Birpara Line	20.76	
		-	-	66kV CHP - Gedu Line	6.09	
		Total	274.22	Auxiliary Consumption & Transformation Losses at Generator end	0.25%	
5	2 x 12 MW BHP (U/S) (Basochhu)	Unit-I	12.03	220kV BHP - Semtokha Line	82.30	All Units & Feeders are in Service.
		Unit-II	9.83	66kV BHP - Lobeysa Line	27.90	
		Total	21.86	220kV BHP - Tsirang Line	-48.29	
6	2 x 20 MW BHP (L/S) (Basochhu)	Unit-I	28.48	5MVA, 66/11kV TFR	0.69	
		Unit-II	28.70	30MVA ICT, 220/66kV (HV)	5.17	
		Total	41.18	Auxiliary Consumption & Transformation Losses at Generator end	0.70%	
7	2 x 63 MW DHP (Dagachhu)	Unit-I	47.55	220kV DHP - Tsirang Line	0.00	220kV DHP-Tsirang line on Standby.
		Unit-II	46.04	220kV DHP - Dagapela Line	93.36	
		-	-	220kV BitDeer - Dagapela Line	-49.52	
		-	-	5MVA, 220/33kV TFR	-	
		Total	93.59	Auxiliary Consumption & Transformation Losses at Generator end	0.25%	
8	4 x 15 MW KHP (Kurichhu)	Unit-I	16.52	132kV KHP - Nangkor Line	63.39	All Units & Feeders are in Service.
		Unit-II	16.55	132kV KHP - Kilikhar Line	1.74	
		Unit-III	16.57	5MVA, 132/11kV TFR	0.47	
		Unit-IV	16.51	132kV Motanga - Rangla Line	-2.87	
		Total	66.15	Auxiliary Consumption & Transformation Losses at Generator end	0.83%	
9	2 x 59 MW NHP (Nikachhu)	Unit-I	59.85	132kV NHP-MHP-I	59.39	Unit I under Shutdown. 132kV NHP-MHP-I on Standby.
		Unit-II	60.07	132kV NHP-MHP-II	59.55	
		Total	119.92	Auxiliary Consumption & Transformation Losses at Generator end	0.82%	
10	2 x 9 MW SHP (Suchhu)	Unit-I	8.40	66kV SHP-Damdhum (Samtse)	8.31	SHP Unit 2 Shutdown.
		Unit-II	0.00	-	-	
		Total	8.40	Auxiliary Consumption & Transformation Losses at Generator end	1.07%	
11	2 x 16 MW YHP (Yungichhu)	Unit-I	16.42	132kV YHP-Kilikhar	30.40	All Units and Feeders are in service.
		Unit-II	16.12	5MVA, 132/33kV TFR	1.68	
		Total	32.54	Auxiliary Consumption & Transformation Losses at Generator end	1.41%	
12	2 x 27 MW BSHP (Burgangchhu Small HP)	Unit-I	27.06	132kV BSHP-Panbang	0.00	BSHP Unit 2 Shutdown. 132kV BSHP-Panbang Line under Shutdown.
		Unit-II	0.00	132kV BSHP-Tintibi	26.80	
		Total	27.06	Auxiliary Consumption & Transformation Losses at Generator end	0.96%	

Note: Generation-Load Summary (MW) for 28-Aug-2026 at 18:00 hrs

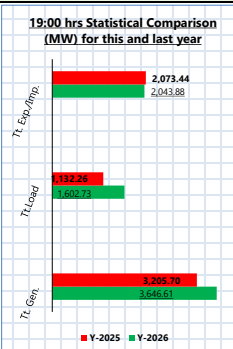
Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	3,646.61	1,602.73	2,043.88

Note: Generation-Load Summary (MW) for 28-Aug-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)	3,205.70	1,132.26	2,073.44

Note: Daily Energy (MUS) and Power(MW) Statistics for 28-Aug-2026

Sl. No.	Total Energy Generation	Daily Energy Met	Net Energy Import (IEX and Solar)	Net Energy Export	Peak Cross- border (MW)
1	87.01	36.47	0.00	50.54	2,206.92



- 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.



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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 29-Aug-2026(-ve:import, +ve:export)						
Report	Date	Time	National Coincidental Peak Load (MW)		Date	Time
	August 29, 2026	9:00 AM			06-Aug-26	19:11:47
						1,615.00
Sl. No.	Hydropower Plant	Unit	MW	Transmission Lines and Elements	Load (MW)	Remarks
1	6 x 170 MW THP (Tala)	Unit-I	187.54	400kV THP - Siliguri Line - I	218.41	All Units and Feeders are in Service.
		Unit-II	187.67	400kV THP - Siliguri Line - II	216.44	
		Unit-III	187.02	400kV THP - Norbugang - IV	245.62	
		Unit-IV	186.59	400kV THP - Malbase Line - III	432.46	
		Unit-V	187.03	400kV Malbase - Siliguri Line	152.12	
		Unit-VI	187.22	400kV Norbugang-Siliguri Line	94.83	
		Total	1,123.07	Auxiliary Consumption & Transformation Losses at Generator end	0.90%	
2	4 x 180 MW MHP (Mangdechhu)	Unit-I	197.85	400kV MHP - Jigmeling Line - I	264.70	400kV MHP-JLG Line -III on Standby.
		Unit-II	197.95	400kV MHP - Jigmeling Line - II	264.26	
		Unit-III	193.76	400kV MHP - Jigmeling Line - III	0.00	
		Unit-IV	198.33	400kV MHP - Jigmeling Line - IV	257.62	
		-	-	220kV Jigmeling - BitDeer Line - I	194.39	
		-	-	220kV Jigmeling - BitDeer Line - II	175.07	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	420.73	
		-	-	400kV Jigmeling - Alipurduar Line - I	313.46	
		-	-	400kV Jigmeling - Alipurduar Line - II	313.46	
		-	-	80MVA, 220/132kV ICT - I (HV)	26.34	
		-	-	80MVA, 220/132kV ICT - II (HV)	26.00	
		-	-	132kV MHP - Yurmo Line - II	54.87	
		-	-	132kV MHP - Tintibi Line	61.07	
		-	-	132kV Gelephu - Salakati Line	-10.79	
		Total	787.89	Auxiliary Consumption & Transformation Losses at Generator end	0.23%	
3	6 x 170 MW PHP-II (Punatsangchhu)	Unit-I	184.87	400kV PHP II - Jigmeling -I	135.67	All Units and Feeders are in Service.
		Unit-II	175.50	400kV PHP II - Jigmeling -II	135.12	
		Unit-III	184.91	400kV PHP II - Alipurduar -I	389.32	
		Unit-IV	181.33	400kV PHP II - Alipurduar -II	388.88	
		Unit-V	141.77	-	-	
		Unit-VI	177.64	-	-	
		Total	1,046.02	Auxiliary Consumption & Transformation Losses at Generator end	-0.28%	
4	4 x 84 MW CHP (Chukha)	Unit-I	91.55	220kV CHP - Birpara Line - I	0.00	Unit-III Tripped on 19:36hrs (27.08.2026) on operationof PRV of GT-09 of R-Phase
		Unit-II	91.31	220kV CHP - Birpara Line - II	-0.30	
		Unit-III	0.00	220kV CHP - Gedu	66.39	
		Unit-IV	91.39	220kV CHP - Jamjee - I	68.05	
		-	-	220kV CHP - Jamjee - II	67.46	
		-	-	220kV CHP - Jamjee - III	65.35	
		-	-	220kV Malbase - Birpara Line	-12.47	
		-	-	66kV CHP - Gedu Line	6.94	
		Total	274.25	Auxiliary Consumption & Transformation Losses at Generator end	0.13%	
5	2 x 12 MW BHP (U/S) (Basochhu)	Unit-I	12.02	220kV BHP - Semtokha Line	84.15	All Units & Feeders are in Service.
		Unit-II	12.00	66kV BHP - Lobeysa Line	24.34	
		Total	24.02	220kV BHP - Tsirang Line	-43.87	
6	2 x 20 MW BHP (L/S) (Basochhu)	Unit-I	20.47	5MVA, 66/11kV TFR	0.41	All Units & Feeders are in Service.
		Unit-II	20.64	30MVA ICT, 220/66kV (HV)	1.17	
		Total	41.11	Auxiliary Consumption & Transformation Losses at Generator end	0.15%	
7	2 x 63 MW DHP (Dagachhu)	Unit-I	41.51	220kV DHP - Tsirang Line	0.00	220kV DHP-Tsirang line on Standby.
		Unit-II	41.53	220kV DHP - Dagapela Line	82.80	
		-	-	220kV BitDeer - Dagapela Line	-40.00	
		-	-	5MVA, 220/33kV TFR	0.30	
		Total	83.04	Auxiliary Consumption & Transformation Losses at Generator end	-0.07%	
8	4 x 15 MW KHP (Kurichhu)	Unit-I	16.52	132kV KHP - Nangkhor Line	65.04	All Units & Feeders are in Service.
		Unit-II	16.53	132kV KHP - Kilikhar Line	0.28	
		Unit-III	16.46	5MVA, 132/11kV TFR	0.38	
		Unit-IV	16.60	132kV Motanga - Rangja Line	23.73	
		Total	66.11	Auxiliary Consumption & Transformation Losses at Generator end	0.62%	
9	2 x 59 MW NHP (Nikachhu)	Unit-I	60.01	132kV NHP-MHP-I	59.58	All Units & Feeders are in Service.
		Unit-II	57.15	132kV NHP-MHP-II	56.83	
		Total	117.16	Auxiliary Consumption & Transformation Losses at Generator end	0.64%	
10	2 x 9 MW SHP (Suchhu)	Unit-I	8.81	66kV SHP-Damdhum (Samtse)	8.72	All Units & Feeders are in Service.
		Unit-II	0.00	-	-	
		Total	8.81	Auxiliary Consumption & Transformation Losses at Generator end	1.02%	
11	22.38 MWp SSP (Sephu Solar Plant)	Inverter-1	0.84	33kV SSP-Wangdue	3.77	All Inverters and Feeders in Service
		Inverter-2	1.47	33kV SSP-Trongsa	3.37	
		Inverter-3	1.47	-	-	
		Inverter-4	1.81	-	-	
		Inverter-5	1.57	-	-	
		Total	7.16	Auxiliary Consumption & Transformation Losses at Generator end	0.34%	
12	2 x 16 MW YHP (Yungichhu)	Unit-I	15.94	132kV YHP-Kilikhar	30.75	All Units and Feeders are in Service.
		Unit-II	16.08	5MVA, 132/33kV TFR	0.85	
		Total	32.02	Auxiliary Consumption & Transformation Losses at Generator end	1.31%	
13	2 x 27 MW BSHP (Burgangchhu Small HP)	Unit-I	27.07	132kV BSHP-Panbang	0.00	BSHP Unit 2 Shutdown. 132kV BSHP-Panbang Line under Shutdown
		Unit-II	0.00	132kV BSHP-Tintibi	26.80	
		Total	27.07	Auxiliary Consumption & Transformation Losses at Generator end	1.00%	

Note: Generation-Load Summary (MW) for 29-Aug-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)	3,637.73	1,550.64	2,087.09

Note: Generation-Load Summary (MW) for 29-Aug-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)	3,376.38	1,050.25	2,326.13

