



उत्तराखण्ड पावर कारपोरेशन लि०

(उत्तराखण्ड सरकार का उपक्रम)

Uttarakhand Power Corporation Ltd.

(A. Govt. of Uttarakhand Undertaking)

CIN : U40109UR2001SGC025867

Email ID: dp.upcl@yahoo.com Website: www.upcl.org

No. 67 /UPCL/RM/B-28

Dated: 06-01-2025

BEFORE THE UTTARAKHAND ELECTRICITY REGULATORY COMMISSION

IN THE MATTER OF: Petition for application seeking approval of Business Plan of the Petitioner Company for the Control Period of Three Financial Years from FY 2025-26 To FY 2027-28.

AND

IN THE MATTER OF: UTTARAKHAND POWER CORPORATION LIMITED.
.....Petitioner

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(Ajay Kumar Agarwal)
Director (Projects)

BEFORE THE UTTARAKHAND ELECTRICITY REGULATORY COMMISSION

IN THE MATTER OF : Petition for application seeking approval of Business Plan of the Petitioner Company for the Control Period of Three Financial Years From FY 2025-26 To FY 2027-28.

And

In the matter of : Uttarakhand Power Corporation Limited.

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This is with reference to Hon'ble Commission's letter no. UERC/6/TF-759/2024-25/2024/1290, dated 30-12-2024 vide which the petitioner has been asked to submit the reply to the deficiencies/ shortcomings as shown at **Annexure -A** of the letter and observed by the Hon'ble Commission in the Business Plan of the Petitioner Company for the Control Period of Three Financial Years From FY 2025-26 To FY 2027-28. The petitioner is directed to submit the reply on the affidavit latest by 06-01-2025. The point wise reply/ information is mentioned herein below and the petitioner most respectfully sheweth as follows in the matter:

1. It is observed that various forms of Distribution Formats submitted by UPCL are not interlinked within the forms, instead the figures are linked to external files. UPCL should submit the revised format after inter-linking the same within various forms of the Formats.

Reply:

The petitioner respectfully submits the working sheets along with the formats for the perusal of Hon'ble Commission in soft copy in **Annexure A**.

2. UPCL is required to submit reasons for projecting substantial increase in the contracted demand for LT industry in the next Control Period.



Reply:

The petitioner respectfully submits that for making projections of connected load, CAGR (%) growth rate is considered. In respect of LT industry last 5-year CAGR i.e.11.68% is considered, which is also at par with recent year load growth trends in LT industry. Details are also submitted in relevant section of petition and are replicated here again for Hon'ble Commission' s perusal:

S No.	Category	CAGR (%)						Y-o-Y Growth	Growth rate considered (%)
		7 Year	6 Year	5 Year	4 Year	3 Year	2 Year		
1	RTS 1: Domestic	5.62%	5.12%	4.50%	4.36%	2.31%	0.84%	0.69%	4.50%
2	RTS 2: Non-domestic, incl. Commercial	7.94%	7.96%	8.31%	8.10%	7.56%	5.36%	7.88%	8.31%
3	RTS 3: Government Public Utilities	7.56%	6.46%	6.88%	6.06%	6.42%	8.96%	10.02%	
	<i>Public Lamps</i>	6.06%	4.88%	3.99%	3.41%	2.97%	4.10%	4.57%	3.99%
	<i>Government Irrigation System</i>	3.91%	3.22%	3.48%	3.57%	4.32%	5.30%	5.00%	3.48%
	<i>Public Water Works</i>	10.06%	8.63%	9.32%	7.81%	8.05%	11.66%	13.51%	9.32%
4	RTS 4: Private Tube well/Pump Sets	8.89%	8.94%	8.97%	8.19%	5.45%	3.31%	3.03%	8.97%
5	RTS 5 : Industrial Consumers	4.09%	2.82%	4.35%	3.91%	5.29%	6.65%	8.39%	
	<i>LT Industry</i>	9.04%	9.20%	11.68 %	10.98 %	10.59 %	14.38%	23.86%	11.68 %
	<i>HT Industry</i>	3.31%	1.84%	3.22%	2.77%	4.37%	5.31%	5.80%	3.22%
6	RTS 6: Mixed Load	0.01%	0.54%	1.85%	1.53%	0.72%	2.12%	-0.56%	1.85%
7	RTS 7: Railway Traction	15.09%	11.96%	14.52 %	20.53 %	28.28 %	31.84%	73.82%	14.52 %
8	RTS 8: Electric Vehicle						125.45%	277.95%	177.79 %

3. UPCL should submit the complete details in Form F (2.4) - Distribution Losses for the Control Period in line with the formats provided in UERC Tariff Regulations, 2024.

Reply:

The petitioner respectfully submits that presently the accurate voltage wise distribution losses cannot be computed by UPCL, hence the petitioner has considered the overall distribution losses. UERC Tariff Regulation, 2024 (Regulation 91), states that the average cost of supply shall be used as benchmark for determining the tariff in case of pending availability of the voltage wise information. We request Hon'ble Commission to consider our submission. Further, it is also submitted in the matter that the petitioner is in process to implement the RDSS scheme in which the smart metering (Feeder/DTR and Consumer) has to be done. Once the work of smart metering is completed, the voltage wise losses will be available with the petitioner.

4. It is observed that the Petitioner has projected availability from Tehri PSP in Table 37 as 495 MUs in FY 2027-28, whereas in Form 2.5, the availability from Tehri PSP under upcoming station is considered as nil. The Petitioner is required to rectify the same and maintain consistency at all places.

Reply:

The petitioner respectfully submits that in Form 2.5, the availability from Tehri PSP is considered under head: "PSP charges", where availability from station is taken as 495 MU itself in FY 28. We request Hon'ble Commission to consider the same.

5. It is observed that the Petitioner has considered the total availability from upcoming stations for FY 2027-28 as 2262.42 MUs in Table 37, Table 38 and Table 39, whereas the same is considered as 1767.42 MUs in Table 40. The Petitioner is required to rectify the same and maintain consistency at all places.

Reply:

The petitioner respectfully submits that, in table no. 37 peaking power proposed to be supplied by THDC Teri PSP is shown for the 5th Control Period. However, in table no.40, for FY 2027-28 availability from upcoming stations is derived by subtracting energy availability from THDC Tehri PSP (i.e. 2262.42 MU - 495 MU = 1767.42 MU). This is done because this PSP project is only for peak management and does not provide net energy for meeting any load requirement.



6. It is observed that in Table 59, there is a mismatch in the total column. The Petitioner is required to rectify the same.

Reply:

The petitioner respectfully submits that there is an inadvertent typographical error in the table 59. We hereby submit the revised table 59 for the Hon'ble Commission's kind consideration.

Financial Year	Debt (Rs.Cr)	Equity (Rs.Cr)	Total (Rs.Cr)
FY 2024-25	566.97	242.99	809.96
Funding for 5th control period			
FY 2025-26	602.14	258.06	860.20
FY 2026-27	678.96	290.98	969.95
FY 2027-28	662.55	283.95	946.49
Sub-total	1,943.65	832.99	2,776.64
Total	2,510.62	1,075.98	3,586.60

7. It is observed that in Table 71, Table 72 and Table 73, the Petitioner has deducted 529.17 MUs, 795.34 MUs and 811.43 MUs from energy at State periphery. However, the breakup of the same is not provided in the respective tables. The Petitioner is required to rectify the same and maintain consistency.

Reply:

The petitioner respectfully submits that the energy deducted from state periphery in Table 71, Table 72 and Table 73 is banking payable. The revised tables are hereby submitted as **Annexure B**.

8. It is observed that UPCL has not mentioned about intra-State transmission losses considered for FY 2027-28 in the Business Plan Petition. The Petitioner is required to rectify the same and maintain consistency.

Reply:

The petitioner respectfully submits that intra-state Transmission losses considered for the control period are submitted at para 6.3.33 of the Business plan. The intra-state transmission losses have been considered as 1.10% for the 5th control period in view of approved Business Plan of PTCUL for 4th control period.



However, the Hon'ble Commission has been approving intra-state transmission losses as 1.40% in Tariff orders of UPCL. Hence, we request Hon'ble Commission to consider the intra-state transmission losses as 1.40% for 5th Control period.

9. It is observed that the Petitioner has considered the per unit rate at State periphery for solar rooftop as 4.33 Rs./kWh for FY 2024-25 to FY 2027-28, whereas the same is considered as 7.81 Rs./kWh in Form 2.9. The Petitioner is required to rectify the same and maintain consistency at all places.

Reply:

The petitioner respectfully submits that 7.81 Rs./kWh is an inadvertent typographical error in form 2.9. The revised form 2.9 is attached as Annexure C.

10. It is observed that in Form 2.9, the Petitioner has not considered the fixed charges for THDC PSP. The Petitioner is required to provide the reasons for not considering the fixed charges.

Reply:

It is humbly submitted that the levelised charge has been considered towards delivered energy in view of the prevalent CERC Tariff Regulations. This is also in line with approach adopted by Hon'ble Commission in its previous tariff order.

11. UPCL is required to submit the basis for projecting 412.27 MU for FY 2025-26 and 495 MU for FY 2026-27 and FY 2027-28 from Tehri PSP. The Petitioner is also required to submit the basis of considering rate of energy at 530 paisa/kWh.

Reply:

It is humbly submitted that total share of UPCL in Tehri PSP is 200 MW or 20% of the installed capacity. Based on the discussion with generator, 50 MW each is envisaged to be commissioned in February 2025, April 2025, July 2025 and September 2025. Total estimated annual energy generation from station is 2475 MU. Therefore, the energy received at UPCL periphery shall be 495 MU w.r.t to 200 MW. Details are submitted below:



Financial Year	April to June	July - August	Sept-March	Total
FY 2025-26	61.70 MU	63.06 MU	287.50 MU	412.27 MU
	100 MW	150MW	200 MW	
FY 2026-27 & FY 2027-28	495 MU per Annum			495 MU per annum
	200 MW			

The rate of energy @ 530 paise /kWh considered is levelized tariff based on initial estimate given by generator to the discom. However, the final tariff shall be determined by Hon'ble CERC as per prevailing Tariff Regulations.

12. It is observed that in Table 40, Petitioner has booked banking payable for 715.11 MUs in FY 2027-28, whereas banking receivable is considered as nil in the year. The Petitioner is required to submit the justification for the same.

Reply:

It is humbly submitted that the banking energy payable in FY 28 is based on energy to be returned against banked energy received in through banking arrangement in previous years in final settlement. Thereafter, there is no balance of banking energy with UPCL.

13. UPCL for its Gas based generating stations has estimated energy charges at the rate of Rs. 7.81/kWh for Gamma and Rs. 7.83/kWh for Shrivanti Station for FY 2025-26 to FY 2027-28. The Petitioner should submit the fuel price or any other assumptions considered for estimating the energy cost.

Reply:

The petitioner respectfully submits that for Gas based generating stations estimated energy charges are based on actual energy charges for FY 2024-25 till October 2024.

14. As per Regulation 8(1)(c)(v) of UERC Tariff Regulations, 2024, the Capital Investment Plan submitted by the Distribution Licensee should be in conformity with the perspective plan made by the STU. In this regard, UPCL should confirm that the Capital Investment Plan submitted is in conformity with the perspective plan made by the STU and that it has communicated the demand projection to STU for transmission planning to cater to the increase in demand.



Reply:

The petitioner humbly submits that the capital investment plan submitted for the control period with objective of anticipated load growth and targeted loss reduction mainly for its retail business at 33 kV & below. The deployment of capital investment is proposed under following benefits centers:

- Growth development plan to meet load growth.
- Smart Metering
- Loss Reduction
- System Stability
- Safety improvement and creation of infrastructure facilities and other misc. work.

The benefits proposed on the basis of proposed capital investment plan are detailed in the petition. The Petitioner will provide the information to PTCUL for preparation of perspective plan as may be desired for the period.

15. **UPCL has not mentioned the existing and projected Wires Availability as well as Supply Availability for the Control Period as required under Regulation 9(1)(C) of UERC Tariff Regulations, 2024. UPCL should submit details of the same.**

Reply:

The Petitioner humbly submits that the existing wire availability throughout the state is being maintained 24x7 except for planned outages or major faults or accidents (if any). Further, the petitioner has also planned to maintain 24x 7 wire availability for the control period except for planned outages or major faults or accidents (if any).

Four handwritten signatures in blue ink are visible at the bottom of the page. From left to right, they appear to be: a stylized 'P', 'SK', a signature starting with 'E', and a signature starting with 'D'. There are also some additional scribbles and marks.

The petitioner is planning to provide 24x7 supply of electricity throughout the state except load shedding required due to emergency breakdown/shutdown.

For and on behalf of
Uttarakhand Power Corporation Limited

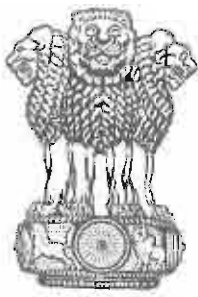

(Ajay Kumar Agarwal)
Director (Projects)

Verification

I, Ajay Kumar Agarwal, S/o Late Shri H. M. Agarwal, aged 59 years, working as Director (Projects) - Uttarakhand Power Corporation Limited, VCV Gabar Singh Urja Bhawan, Dehradun do hereby verify that the contents of Paras 1 to 15 are derived from official records, which are true to my personal knowledge and that I have not suppressed any material fact.


(Ajay Kumar Agarwal)
Director (Projects)
Uttarakhand Power Corporation Limited



सत्यमेव जयते



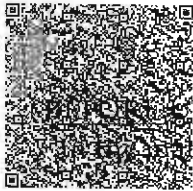
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Government of Uttarakhand

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UTTARAKHAND ELECTRICITY REGULATORY COMMISSION

Subject of: Petition for application seeking approval of Business Plan of the Petitioner Company for the Control Period of Three Financial Years from FY 2025-26 To FY 2027-28.

An Please write or type below this line
In the matter of: Uttarakhand Power Corporation Limited.

Petitioner

AFFIDAVIT VERIFYING THE PETITION

I, Ajay Kumar Agarwal, S/o Late Shri H. M. Agarwal, aged 59 years, working as Director (Projects) - Uttarakhand Power Corporation Limited, VCV Gabar Singh Bhawan, Dehradun, the deponent named above do hereby solemnly affirm and state on oath as under:

1. That the deponent is the Director (Projects) of Uttarakhand Power Corporation Limited who is authorized as per resolution of the company and is acquainted with the facts deposed to below.
2. I, the deponent named above do hereby verify that the contents of the paragraph No.-1 of the affidavit and those of the paragraph no. 1 to 15 of the accompanying petition are based on the perusal of records which I believe to be true and verify that no part of this affidavit is false and nothing material has been concealed.

Deponent

(Ajay Kumar Agarwal)
 Director (Projects)

Uttarakhand Power Corporation Limited



Stationary Stamp

1. The validity of this Stamp Certificate should be verified at 'www.shoelstamp.com' or using e-Stamp Mobile App of Stock Holding Corporation of India Limited and as available on the website / Mobile App renders it invalid.
 2. In case of any discrepancy please refer to the Competent Authority.

I, Anil Prasad Ranakoti, Advocate, do hereby declare that the person making this affidavit is known to me through the perusal of records and I am satisfied that he is the same person alleging to be deponent himself.

(..... [Signature])

Advocate
P.O. No. 5154/04

Solemnly affirmed before me on this 04 day of January 2025 by the deponent who has been identified by the aforesaid advocate.

I have satisfied myself by examining the deponent that he understood the contents of the affidavit which has been read over and explained to him. He has also been explained about section 193 of Indian Penal Code that whoever intentionally gives false evidence in any of the proceedings of the Commission or fabricates evidence for purpose of being used in any of the proceedings shall be liable for punishment as per law.



(Notary Public)

[Signature]

This affidavit is sworn before me by
Shri. [Signature]
who is identified by Shri.
at Dehradun on

-10-

[Signature]
(Rajender Singh Negi)
Advocate & Notary, Dehradun

Annexure - B'

Table No. 71

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
NHPC									
Salal	38.01	77.70	111.46	4.18	3.08	7.26	4.41	11.67	3.07
Tanakpur	12.54	247.60	195.04	5.36	3.23	8.60	2.55	11.15	8.89
Chamera I	69.04	111.73	14.32	6.91	8.04	14.94	1.03	15.97	2.31
Chamera II	23.25	120.50	3.17	5.22	2.92	8.14	0.08	8.21	3.53
Chamera III	52.36	208.80	0.10	14.74	11.39	26.13	0.01	26.13	4.99
Uri	70.73	95.60	81.57	9.42	7.04	16.46	6.01	22.47	3.18
Dhauliganga	56.02	128.00	95.62	11.53	7.47	19.00	5.58	24.58	4.39
Dulhasti	114.68	232.80	57.90	31.14	27.81	58.95	6.92	65.87	5.74
Sewa II	25.07	220.60	18.69	9.43	5.76	15.20	0.49	15.68	6.26
Uri II	70.78	220.70	88.14	17.32	16.27	33.59	6.50	40.09	5.66
Parbati III	27.08	136.20	-0.97	14.98	3.84	18.82	-0.03	18.79	6.94
Kishnaganga	19.04	238.80	16.09	7.52	4.74	12.26	0.32	12.58	6.61
Sub-Total	578.62	0.00	0.00	137.75	101.59	239.34	33.86	273.20	4.72
SJVNL									
Nathpa Jhakri	64.70	120.30	11.85	16.29	8.11	24.40	0.80	25.20	3.89
Rampur Equity Power	217.92	208.10	12.16	56.87	47.24	104.11	2.76	106.87	4.90
Sub-Total	282.63	0.00	24.01	73.16	55.35	128.51	3.56	132.07	4.67
THDC									
Tehri HEP I	109.96	211.50	83.75	26.48	24.22	50.70	9.59	60.30	5.48
Koteshwar	72.67	274.60	100.50	24.02	20.79	44.80	7.61	52.41	7.21
Sub-Total	182.63	0.00	0.00	50.50	45.01	95.51	17.20	112.71	6.17

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
NTPC									
Singrauli	718.07	169.94	6.01	54.21	127.11	181.32	4.49	185.81	2.59
F G Unchahar-I	112.50	384.48	137.64	24.02	45.06	69.08	16.13	85.21	7.57
F G Unchahar-2	67.33	369.14	58.75	13.69	25.89	39.58	4.12	43.70	6.49
F G Unchahar-3	50.50	349.01	86.76	11.89	18.36	30.24	4.56	34.81	6.89
F G Unchahar-4	109.08	356.16	47.55	40.55	40.47	81.02	5.40	86.43	7.92
N C T Dadri:2	10.99	429.49	11.15	5.91	4.92	10.83	0.13	10.96	9.97
Rihand-1 STPS	286.97	164.58	2.56	26.05	49.20	75.25	0.77	76.01	2.65
Rihand-2 STPS	276.51	163.65	9.20	22.17	47.14	69.31	2.65	71.96	2.60
Rihand-3 STPS	311.02	161.76	7.59	47.51	52.41	99.91	2.46	102.37	3.29
Kahalgaon-II	188.66	247.56	4.73	18.11	48.65	66.77	0.93	67.70	3.59
Jhajjar Aravali	45.11	432.37	80.62	23.20	20.32	43.51	3.79	47.30	10.49
Singrauli SHEP	0.48	504.00	0.20	0.00	0.25	0.25	0.00	0.25	5.25
Koldam (Hydro)	211.67	222.50	3.14	60.91	49.06	109.97	0.69	110.66	5.23
TANDA-II	135.37	317.69	29.95	45.74	44.80	90.54	4.22	94.76	7.00
Bongalgaon TPS	17.79	396.70	6.02	62.24	7.35	69.59	0.11	69.70	39.19
Anta Gas	1.82	1228.53	855.86	13.23	2.33	15.56	1.63	17.19	94.22
Auraiya Gas	3.12	1231.59	68.54	24.54	4.01	28.55	0.22	28.77	92.11
Dadri Gas	12.46	1198.40	15.97	19.97	15.56	35.53	0.21	35.74	28.67
Telangana stps-1	594.14	339.80	3.30	52.50	210.30	262.80	2.04	264.84	4.46
Gadarwara STPS-I	6.88	349.95	-1.61	1.82	2.51	4.33	-0.01	4.32	6.27
Jhanor, Gandhar Gas Stn ABT-5	0.01	1136.89	20.33	0.00	0.01	0.01	0.00	0.01	15.95
Khargone Super Thermal Pwr Stn -I	8.90	405.32	-0.92	2.32	3.76	6.08	-0.01	6.07	6.82
Korba Super Thermal Power Station -1	9.02	144.91	5.18	0.70	1.36	2.06	0.05	2.11	2.34
Korba STPS Stage-3 ABT-4	3.51	143.18	-0.83	0.41	0.52	0.94	0.00	0.93	2.66

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Kawas Gas Pwr Stn ABT-5	0.00	4640.63	18.19	0.00	0.01	0.01	0.00	0.01	65.99
Lara Super Thermal Pwr Stn - I	13.38	127.58	-8.56	3.00	1.78	4.78	-0.12	4.66	3.48
Mouda Super Thermal Power Station -1	5.19	347.05	0.11	1.01	1.88	2.89	0.00	2.89	5.57
Mouda Super Thermal Power Station -2	9.42	337.64	0.04	1.68	3.31	5.00	0.00	5.00	5.30
Solapur Thermal Power Station 1	6.58	621.11	2.61	2.11	4.26	6.37	0.02	6.38	9.70
Sipat Super Thermal Power Stn 1	16.53	162.45	-0.35	2.14	2.80	4.94	-0.01	4.94	2.99
Sipat Super Thermal Power Stn 2	6.50	167.09	5.16	0.58	1.13	1.71	0.03	1.74	2.68
Vindhyachal Super Thermal Power Stn 1	7.06	191.18	-0.16	0.71	1.41	2.12	0.00	2.11	3.00
Vindhyachal Super Thermal Power Stn 2	6.42	183.05	4.99	0.47	1.22	1.70	0.03	1.73	2.70
Vindhyachal Super Thermal Power Stn 3	5.21	180.79	1.26	0.55	0.98	1.53	0.01	1.54	2.95
Vindhyachal Super Thermal Power Stn 4	9.29	179.70	6.45	1.44	1.74	3.18	0.06	3.24	3.49
Vindhyachal Super Thermal Power Stn 5	4.68	185.18	6.14	0.72	0.90	1.62	0.03	1.65	3.52
Sub-Total	3272.19	0.00	0.00	586.10	842.75	1428.86	54.64	1483.50	4.53
NPCIL									
Narora APP	151.29	297.14	15.70	0.00	46.83	46.83	2.47	49.30	3.26
Rajasthan APP	176.37	374.04	21.73	0.00	68.72	68.72	3.99	72.71	4.12
Sub-Total	327.66	0.00	0.00	0.00	115.54	115.54	6.47	122.01	3.72
Total CSGS	4643.72	0.00	0.00	847.51	1160.25	2007.76	115.73	2123.49	4.57
UJVNL									
Large Hydro									
Dhakrani	81.39	91.90	45.44	10.32	7.48	17.80	3.70	21.50	2.64
Dhalipur	165.99	135.40	6.19	18.44	22.48	40.91	1.03	41.94	2.53
Chibro	588.92	73.70	44.02	39.76	43.40	83.16	25.92	109.08	1.85
Khodri	281.97	90.20	46.06	22.47	25.43	47.90	12.99	60.89	2.16
Kulhal	111.30	105.00	4.19	12.43	11.69	24.11	0.47	24.58	2.21

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Ramganga	342.48	98.30	40.10	30.37	33.67	64.03	13.73	77.77	2.27
Tilloth	481.04	96.40	43.53	47.93	46.37	94.31	20.94	115.25	2.40
Chilla	699.36	94.70	47.77	52.25	66.23	118.48	33.41	151.89	2.17
Khatima	182.07	97.50	45.05	22.74	17.75	40.49	8.20	48.69	2.67
Vyasi Hydro Power Project	304.20	760.00	1.46	0.00	231.19	231.19	0.44	231.63	7.61
Sub-Total	3238.73	0.00	0.00	256.69	505.69	762.38	120.84	883.22	2.73
Maneri Bhali II	1305.53	81.00	42.52	103.52	105.75	209.27	55.52	264.79	2.03
Small Hydro									
Mohd. Pur	43.84	204.00	35.78	0.00	8.94	8.94	1.57	10.51	2.40
Pathri	107.52	153.00	40.00	0.00	16.45	16.45	4.30	20.75	1.93
Dunao SHP 1.5 MW	3.16	637.00	0.00	0.00	2.01	2.01	0.00	2.01	6.37
Suringarh-II	0.63	790.35	0.00	0.00	0.50	0.50	0.00	0.50	7.90
Pilangad	6.91	345.00	0.00	0.00	2.39	2.39	0.00	2.39	3.45
Kaliganga-II	15.31	633.00	0.00	0.00	9.69	9.69	0.00	9.69	6.33
Urgam	6.90	195.00	40.02	0.00	1.35	1.35	0.28	1.62	2.35
Galogi	7.60	125.00	40.00	0.00	0.95	0.95	0.30	1.25	1.65
Kaliganga-I	12.49	445.00	0.00	0.00	5.56	5.56	0.00	5.56	4.45
Sub-Total	204.37	0.00	0.00	0.00	47.84	47.84	6.45	54.29	2.66
Total UJVNL	4748.62	0.00	0.00	360.22	659.27	1019.49	182.80	1202.29	2.53
UREDA									
SHPs									
Ramgarh	0.15	303.82	0.00	0.00	0.04	0.04	0.00	0.04	3.04
Barar + Garaun	0.94	378.00	0.00	0.00	0.36	0.36	0.00	0.36	3.78
Taleshwar	0.79	378.00	0.00	0.00	0.30	0.30	0.00	0.30	3.78
Chharandev	0.40	378.00	0.00	0.00	0.15	0.15	0.00	0.15	3.78

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Janki Chatti	0.03	378.00	0.00	0.00	0.01	0.01	0.00	0.01	3.78
Harsil	0.12	378.00	0.00	0.00	0.05	0.05	0.00	0.05	3.78
Badrinath	0.28	307.00		0.00	0.09	0.09		0.09	3.07
Pandukeshwar	0.31	378.00		0.00	0.12	0.12		0.12	3.78
Rudragaira	0.10	378.00	0.00	0.00	0.04	0.04	0.00	0.04	3.78
Istargaad	0.13	378.00	0.00	0.00	0.05	0.05	0.00	0.05	3.78
Kedarganga	0.11	378.00	0.00	0.00	0.04	0.04	0.00	0.04	3.78
Sub Total	3.35	0.00	0.00	0.00	1.23	1.23	0.00	1.23	3.69
UREDA Solar									
Solar Plant Dehra Dun	0.12	348.89	0.00	0.00	0.04	0.04	0.00	0.04	3.49
Sub Total	0.12	0.00	0.00	0.00	0.04	0.04	0.00	0.04	3.49
UREDA Biomass									
IPP Hydro									
Rajwakti Him Urja SHP	19.86	204.57	-15.31	0.00	4.06	4.06	-0.30	3.76	1.89
Greenko Budhil Hydro Power Pvt Ltd	223.55	174.90	0.00	40.65	40.73	81.38	0.00	81.38	3.64
Debal ,chamoli hydro	14.33	380.00	5.00	0.00	5.45	5.45	0.07	5.52	3.85
Loharkhet (parvatiya power)	15.94	380.00	5.00	0.00	6.06	6.06	0.08	6.14	3.85
Gunsola Hydro Agunda Thati	9.37	440.00	5.00	0.00	4.12	4.12	0.05	4.17	4.45
Bhilangana(Swasti)	71.34	380.00	5.00	0.00	27.11	27.11	0.36	27.47	3.85
Vanala	55.78	508.00	7.38	0.00	28.34	28.34	0.41	28.75	5.15
Motighat	21.00	789.70	0.85	0.00	16.58	16.58	0.02	16.60	7.91
Birahi Ganga	22.28	345.00	5.00	0.00	7.69	7.69	0.11	7.80	3.50
Tanga (HHPL)	19.57	777.66	0.00	0.00	15.22	15.22	0.00	15.22	7.78
Sarju II	32.05	587.00	0.00	0.00	18.82	18.82	0.00	18.82	5.87
Uttar Bharat Sarju III	25.17	577.00	0.00	0.00	14.52	14.52	0.00	14.52	5.77

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Gangani	37.43	477.00	16.09	0.00	17.85	17.85	0.60	18.45	4.93
Badliyar	15.00	504.00	0.00	0.00	7.56	7.56	0.00	7.56	5.04
Sub-Total	582.67	0.00	0.00	40.65	214.10	254.75	1.39	256.14	4.40
Co-Generation									
RBNS Sugar Mill	30.42	399.00	0.00	7.43	12.14	19.57	0.00	19.57	6.43
Uttam Sugar Mills	34.73	368.00	0.00	10.91	12.78	23.69	0.00	23.69	6.82
Dhanashree Agro/Lakshmi Sugar Mills	35.92	399.00	-33.53	9.09	14.33	23.42	-1.20	22.21	6.18
Sub-Total	101.06	0.00	0.00	27.43	39.25	66.68	-1.20	65.47	6.48
Gas									
Gama	283.15	781.32	0.00	96.17	221.23	317.40	0.00	317.40	11.21
Shravanti	454.05	782.52	0.00	269.56	355.30	624.86	0.00	624.86	13.76
Sub-Total	737.20	0.00	0.00	365.73	576.53	942.26	0.00	942.26	12.78
Solar									
RV Akash Ganga solar power ltd	2.21	566.50	12.00	0.00	1.25	1.25	0.03	1.28	5.79
Metro Frozen	0.92	566.50	12.00	0.00	0.52	0.52	0.01	0.53	5.79
Jay Ace Technologies	2.47	566.50	0.00	0.00	1.40	1.40	0.00	1.40	5.67
UJVNL (1.466) Dhakrani	2.51	775.00	0.00	0.00	1.94	1.94	0.00	1.94	7.75
UJVNL (4.398)khodari	6.81	780.00	0.00	0.00	5.31	5.31	0.00	5.31	7.80
Redwoods	2.27	678.83	0.00	0.00	1.54	1.54	0.00	1.54	6.79
Madhav Infra	18.19	774.00	12.00	0.00	14.08	14.08	0.22	14.29	7.86
Purshotam Industries Ltd.- @7.71	1.65	773.00	2.00	0.00	1.28	1.28	0.00	1.28	7.75
Purshotam Industries Ltd.- @7.73	1.32	771.00	2.00	0.00	1.02	1.02	0.00	1.02	7.73
Purshotam Ispat- @7.96	1.72	788.00	2.00	0.00	1.35	1.35	0.00	1.36	7.90
Vivaan Solar Pvt. Ltd.	5.57	793.00	2.00	0.00	4.42	4.42	0.01	4.43	7.95
Eastman International	0.95	799.00	2.00	0.00	0.76	0.76	0.00	0.76	8.01

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Purshotam Ispat-II @7.88	1.16	796.00	2.00	0.00	0.92	0.92	0.00	0.92	7.98
R.C. Energy	1.62	798.00	0.00	0.00	1.29	1.29	0.00	1.29	7.98
Advika Energy	1.69	756.00	0.00	0.00	1.27	1.27	0.00	1.27	7.56
A.R. Solar Power @5.670	1.40	567.00	2.40	0.00	0.80	0.80	0.00	0.80	5.69
A.R. Solar Power- @5.690	1.45	569.00	2.40	0.00	0.83	0.83	0.00	0.83	5.71
Devishi Renewal energy	21.11	558.00	6.00	0.00	11.78	11.78	0.13	11.91	5.64
Devishi Solar power	21.26	563.00	6.00	0.00	11.97	11.97	0.13	12.10	5.69
Eminet Solar power	19.85	578.00	6.00	0.00	11.47	11.47	0.12	11.59	5.84
Sunworld Energy pvt	18.78	578.00	6.00	0.00	10.85	10.85	0.11	10.97	5.84
Electryone/Emami Power Ltd.	27.19	574.00	12.00	0.00	15.61	15.61	0.33	15.93	5.86
Hydro Power Engineers	1.28	567.00	2.40	0.00	0.72	0.72	0.00	0.73	5.69
Impex India	3.61	560.00	2.40	0.00	2.02	2.02	0.01	2.03	5.62
Technique Solaire Invest	7.38	575.00	12.00	0.00	4.25	4.25	0.09	4.33	5.87
Makin Developers Pvt. Ltd	1.48	597.00	2.40	0.00	0.89	0.89	0.00	0.89	5.99
Ballupur solar power pvt.Ltd	14.37	582.00	1.71	0.00	8.36	8.36	0.02	8.39	5.84
Chudiala Solar power project pvt.	14.44	591.00	1.71	0.00	8.54	8.54	0.02	8.56	5.93
Shakumbhari solar power project pvt Ltd	14.64	595.00	1.71	0.00	8.71	8.71	0.03	8.74	5.97
Bindookharak solar power project pvt ltd	7.48	593.00	1.71	0.00	4.43	4.43	0.01	4.45	5.95
Bhaqwanpur solar projects private ltd	7.47	598.00	1.71	0.00	4.47	4.47	0.01	4.48	6.00
PL sunrays power limited	16.40	599.00	12.00	0.00	9.82	9.82	0.20	10.02	6.11
PL surya vidyut ltd	16.14	564.00	12.00	0.00	9.10	9.10	0.19	9.30	5.76
PL solar Renewable ltd	16.48	584.00	12.00	0.00	9.62	9.62	0.20	9.82	5.96
Haridwar solar projects pvt ltd @5.57	14.57	557.00	1.71	0.00	8.12	8.12	0.02	8.14	5.59
Haridwar solar projects pvt ltd @5.58	14.75	558.00	1.71	0.00	8.23	8.23	0.03	8.26	5.60
Sunheti solar power proj pvt ltd	6.84	599.00	12.00	0.00	4.10	4.10	0.08	4.18	6.11

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
AB Renewable Energy pvt ltd	7.67	579.00	12.00	0.00	4.44	4.44	0.09	4.53	5.91
Canal Bank Solar pv plant Dhakrani	9.58	688.00	0.00	0.00	6.59	6.59	0.00	6.59	6.88
Canal Bank Solar pv plant Dhalipur	9.96	688.00	0.00	0.00	6.85	6.85	0.00	6.85	6.88
Canal Top Solar pv plant Dhalipur	1.20	714.00	0.00	0.00	0.86	0.86	0.00	0.86	7.14
Dakpatthar canal Bank (4.5 MW)	5.36	719.00	0.00	0.00	3.86	3.86	0.00	3.86	7.19
Sub-Total	353.19	0.00	0.00	0.00	215.63	215.63	2.12	217.75	6.17
Solar Rooftop									
Solar PV Plant (203 MW Scheme)	220.10	437.24	0.00	0.00	96.24	96.24	0.00	96.24	4.37
Solar Roof-Top	12.57	343.84	0.00	0.00	4.32	4.32	0.00	4.32	3.44
Sub-Total	232.67	0.00	0.00	0.00	100.56	100.56	0.00	100.56	4.32
Other Large Private									
Meja Urja Nigam (P) Ltd.	243.75	296.96	17.02	58.73	75.40	134.13	4.32	138.45	5.68
Renew Surya Vihaan Pvt. Ltd.	168.19	244.00	0.00	0.00	42.75	42.75	0.00	42.75	2.54
ReNew Surya Roshni Pvt. Ltd.	384.00	295.00	0.00	0.00	118.00	118.00	0.00	118.00	3.07
Sasan	698.12	114.95	17.82	10.90	83.60	94.49	12.96	107.45	1.54
Sub-Total	1494.06	0.00	0.00	69.63	319.74	389.37	17.28	406.65	2.72
Total IPP	3504.30	0.00	0.00	503.44	1467.08	1970.52	19.59	1990.11	5.68
Upcoming Stations									
Madhmaheshwar (15 MW) UJVN	25.92	754.00	0.00	0.00	19.54	19.54	0.00	19.54	7.54
SJVN Ltd_Solar (200 MW)									
50 MW in 23-24 & 200 MW from 24-25	37.66	257.00	0.00	0.00	10.08	10.08	0.00	10.08	2.68
MSSY_250 MW in three Years	34.43	464.00	0.00	0.00	15.97	15.97	0.00	15.97	4.64
UJVNL SOLAR	1.66	446.00	0.00	0.00	0.74	0.74	0.00	0.74	4.46
UJVNL SOLAR	0.85	446.00	0.00	0.00	0.38	0.38	0.00	0.38	4.46
Khurja Super thermal power plant	45.65	361.00	0.00	0.00	17.17	17.17	0.00	17.17	3.76
Sub-Total	146.17	0.00	0.00	0.00	63.89	63.89	0.00	63.89	4.37

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
State Royalty Power									
Dhauliganga	133.20	222.72	0.00	0.00	29.67	29.67	0.00	29.67	2.23
Tanakpur	44.26	222.72	0.00	0.00	9.86	9.86	0.00	9.86	2.23
Tehri	378.85	222.72	0.00	0.00	87.89	87.89	0.00	87.89	2.32
Koteshwar	135.39	222.72	0.00	0.00	31.41	31.41	0.00	31.41	2.32
Vishnu Prayag	190.19	222.72	0.00	0.00	44.12	44.12	0.00	44.12	2.32
GVK Srinagar	159.95	222.72	0.00	0.00	37.11	37.11	0.00	37.11	2.32
Rajwakti Him Urja SHP	2.12	232.00	0.00	0.00	0.51	0.51	0.00	0.51	2.42
Debal Chamoli Hydro	1.59	232.00	0.00	0.00	0.37	0.37	0.00	0.37	2.32
Loharkhet (parvatiya power)	1.77	232.00	0.00	0.00	0.41	0.41	0.00	0.41	2.32
LADF	8.21	232.00	0.00	0.00	1.91	1.91	0.00	1.91	2.32
Natwar mori	55.61	222.72	0.00	0.00	12.90	12.90	0.00	12.90	2.32
Vanala	1.06	232.00	0.00	0.00	0.25	0.25	0.00	0.25	2.32
Gunsola	0.70	232.00	0.00	0.00	0.16	0.16	0.00	0.16	2.32
Swasti	4.24	232.00	0.00	0.00	0.98	0.98	0.00	0.98	2.32
Lnt Free Power(Renew)	58.22	232.00	0.00	0.00	13.51	13.51	0.00	13.51	2.32
Sub-Total	1175.38	4333.76	0.00	0.00	271.06	271.06	0.00	271.06	2.31
Total Power Purchase from Firm Sources	14218.20	0.00	0.00	1711.17	3621.55	5332.72	318.11	5650.84	3.97
Open Market Purchases & UI									
Unallocated Power	608.83	441.67	0.00	0.00	280.10	280.10	0.00	280.10	4.60
Banking Received	672.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI Net drawal	-31.59	-1288.89	0.00	0.00	42.41	42.41	0.00	42.41	-13.43
IEX/PXIL (Net Purchases)	2303.21	482.98	0.00	0.00	1135.11	1135.11	0.00	1135.11	4.93
Total Purchases	17771.23	0.00	0.00	1711.17	5079.17	6790.34	318.11	7108.45	4.00
Add Additional Energy to be covered for THDC - PSP Processing loss	3.89	482.98	0.00	0.00	1.96	1.96	0.00	1.96	5.03

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Less Banking Payable	525.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
State Consumption	17249.84	0.00	0.00	1711.17	5081.13	6792.30	318.11	7110.41	4.12
PSP Charges									
Fixed charges for THDC - PSP	20.00	530.00	0.00	0.00	10.60	10.60	0.00	10.60	5.30
Total Purchases	17249.84		0.00	1711.17	5091.73	6802.90	318.11	7121.01	4.13

Table no. 72

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
NHPC									
Salal	36.92	77.70	111.46	4.18	2.99	7.17	4.29	11.46	3.10
Tanakpur	11.71	247.60	195.04	5.36	3.02	8.38	2.38	10.76	9.19
Chamera I	66.71	111.73	14.32	6.91	7.76	14.67	0.99	15.67	2.35
Chamera II	25.96	120.50	3.17	5.22	3.26	8.48	0.09	8.56	3.30
Chamera III	51.49	208.80	0.10	14.74	11.20	25.94	0.01	25.94	5.04
Uri	83.37	95.60	81.57	9.42	8.30	17.72	7.08	24.80	2.98
Dhauliganga	59.28	128.00	95.62	11.53	7.90	19.44	5.90	25.34	4.27
Dulhasti	115.97	232.80	57.90	31.14	28.12	59.26	6.99	66.25	5.71
Sewa II	31.36	220.60	18.69	9.43	7.21	16.64	0.61	17.25	5.50
Uri II	76.22	220.70	88.14	17.32	17.52	34.84	7.00	41.84	5.49
Parbati III	25.28	136.20	-0.97	14.98	3.59	18.57	-0.03	18.54	7.33
Kishnaganga	24.18	238.80	16.09	7.52	6.01	13.54	0.41	13.94	5.77
Sub-Total	608.46	0.00	0.00	137.75	106.89	244.64	35.72	280.37	4.61
SJVNL									
Nathpa Jhakri	75.53	120.30	11.85	16.29	9.47	25.76	0.93	26.69	3.53
Rampur Equity Power	209.03	208.10	12.16	56.87	45.31	102.18	2.65	104.83	5.01
Sub-Total	284.57	0.00	24.01	73.16	54.78	127.94	3.58	131.52	4.62
THDC									
Tehri HEP I	119.30	211.50	83.75	26.48	26.28	52.76	10.41	63.17	5.30
Koteshwar	76.70	274.60	100.50	24.02	21.94	45.96	8.03	53.99	7.04
Sub-Total	196.00	0.00	0.00	50.50	48.22	98.72	18.44	117.16	5.98

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
NTPC									
Singrauli	723.06	169.94	6.01	54.21	128.00	182.20	4.52	186.73	2.58
F G Unchahar-I	132.19	384.48	137.64	24.02	52.94	76.97	18.95	95.92	7.26
F G Unchahar-2	83.73	369.14	58.75	13.69	32.19	45.88	5.12	51.01	6.09
F G Unchahar-3	70.57	349.01	86.76	11.89	25.65	37.54	6.38	43.92	6.22
F G Unchahar-4	135.40	356.16	47.55	40.55	50.23	90.78	6.71	97.49	7.20
N C T Dadri:2	17.97	429.49	11.15	5.91	8.04	13.95	0.21	14.16	7.88
Rihand-1 STPS	296.32	164.58	2.56	26.05	50.80	76.85	0.79	77.64	2.62
Rihand-2 STPS	277.93	163.65	9.20	22.17	47.38	69.55	2.66	72.21	2.60
Rihand-3 STPS	317.48	161.76	7.59	47.51	53.49	101.00	2.51	103.51	3.26
Kahalgaon-II	188.54	247.56	4.73	18.11	48.62	66.73	0.93	67.66	3.59
Jhajjar Aravali	99.70	432.37	80.62	23.20	44.90	68.10	8.37	76.47	7.67
Singrauli SHEP	0.62	504.00	0.20	0.00	0.33	0.33	0.00	0.33	5.25
Koldam (Hydro)	197.45	222.50	3.14	60.91	45.76	106.67	0.65	107.32	5.44
TANDA-II	253.89	317.69	29.95	45.74	84.02	129.76	7.92	137.68	5.42
Anta Gas	3.32	1228.53	855.86	13.23	4.25	17.47	2.96	20.43	61.58
Auraiya Gas	4.63	1231.59	68.54	24.54	5.94	30.48	0.33	30.81	66.53
Dadri Gas	9.62	1198.40	15.97	19.97	12.01	31.98	0.16	32.14	33.41
Telangana stps-1	320.79	339.80	0.00	26.25	113.54	139.79	0.00	139.79	4.36
Sub-Total	3133.19	0.00	0.00	477.95	808.11	1286.06	69.18	1355.24	4.33
NPCIL									
Narora APP	140.83	297.14	15.70	0.00	43.59	43.59	2.30	45.89	3.26
Rajasthan APP	184.29	374.04	21.73	0.00	71.80	71.80	4.17	75.97	4.12
Sub-Total	325.12	0.00	0.00	0.00	115.39	115.39	6.47	121.87	3.75
Total CSGS	4547.33	0.00	0.00	739.36	1133.39	1872.75	133.39	2006.14	4.41

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UJVNL									
Large Hydro									
Dhakrani	91.47	91.90	45.44	10.32	8.41	18.73	4.16	22.88	2.50
Dhalipur	130.92	135.40	6.19	18.44	17.73	36.16	0.81	36.97	2.82
Chibro	596.24	73.70	44.02	39.76	43.94	83.70	26.25	109.94	1.84
Khodri	285.19	90.20	46.06	22.47	25.72	48.19	13.14	61.33	2.15
Kulhal	110.22	105.00	4.19	12.43	11.57	24.00	0.46	24.46	2.22
Ramganga	350.80	98.30	40.10	30.37	34.48	64.85	14.07	78.92	2.25
Tiloth	429.88	96.40	43.53	47.93	41.44	89.37	18.71	108.09	2.51
Chilla	747.01	94.70	47.77	52.25	70.74	122.99	35.69	158.68	2.12
Khatima	210.31	97.50	45.05	22.74	20.51	43.25	9.47	52.72	2.51
Vyasi Hydro Power Project	328.96	760.00	0.00	0.00	250.01	250.01	0.00	250.01	7.60
Sub-Total	3281.00	0.00	0.00	256.69	524.55	781.24	122.75	904.00	2.76
Maneri Bhali II	1238.50	81.00	42.52	103.52	100.32	203.84	52.67	256.51	2.07
Small Hydro									
Mohd. Pur	47.47	204.00	35.78	0.00	9.68	9.68	1.70	11.38	2.40
Pathri	111.04	153.00	40.00	0.00	16.99	16.99	4.44	21.43	1.93
Dunao SHP 1.5 MW	3.28	668.85	0.00	0.00	2.20	2.20	0.00	2.20	6.69
Pilangad	8.16	345.00	0.00	0.00	2.82	2.82	0.00	2.82	3.45
Kaliganga-II	16.07	633.00	0.00	0.00	10.18	10.18	0.00	10.18	6.33
Urgam	6.85	195.00	40.14	0.00	1.34	1.34	0.28	1.61	2.35
Galogi	7.87	125.00	40.00	0.00	0.98	0.98	0.31	1.30	1.65
Kaliganga-I	14.53	445.00	0.00	0.00	6.47	6.47	0.00	6.47	4.45
Sub-Total	215.28	0.00	0.00	0.00	50.65	50.65	6.73	57.37	2.67
Total UJVNL	4734.77	0.00	0.00	360.22	675.51	1035.73	182.15	1217.88	2.57

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UREDA									
SHPs									
Ramgarh	0.15	303.82	0.00	0.00	0.04	0.04	0.00	0.04	3.04
Barar + Garaun	0.89	378.00	0.00	0.00	0.34	0.34	0.00	0.34	3.78
Taleshwar	0.92	378.00	0.00	0.00	0.35	0.35	0.00	0.35	3.78
Chharandev	0.54	378.00	0.00	0.00	0.21	0.21	0.00	0.21	3.78
Janki Chatti	0.02	378.00	0.00	0.00	0.01	0.01	0.00	0.01	3.78
Marsil	0.19	378.00	0.00	0.00	0.07	0.07	0.00	0.07	3.78
Badrinath	0.83	307.00		0.00	0.26	0.26		0.26	3.07
Pandukeshwar	0.47	378.00		0.00	0.18	0.18		0.18	3.78
Rudragaira	0.15	378.00	0.00	0.00	0.06	0.06	0.00	0.06	3.78
Istargaad	0.06	378.00	0.00	0.00	0.02	0.02	0.00	0.02	3.78
Kedarganga	0.10	378.00	0.00	0.00	0.04	0.04	0.00	0.04	3.78
Sub Total	4.32	0.00	0.00	0.00	1.56	1.56	0.00	1.56	3.62
UREDA Solar									
Solar Plant Dehra Dun	0.28	348.89	0.00	0.00	0.10	0.10	0.00	0.10	3.49
Sub Total	0.28	0.00	0.00	0.00	0.10	0.10	0.00	0.10	3.49
UREDA Biomass									
IPP Hydro									
Rajwakti Him Urja SHP	20.52	204.57	-15.31	0.00	4.20	4.20	-0.31	3.88	1.89
Greenko Budhil Hydro Power Pvt Ltd	216.33	174.90	0.00	40.65	39.41	80.06	0.00	80.06	3.70
Debal ,chamoli hydro	18.26	380.00	5.00	0.00	6.94	6.94	0.09	7.03	3.85
LoharKhet (parvatiya power)	11.95	380.00	5.00	0.00	4.54	4.54	0.06	4.60	3.85
Gunsole Hydro Agunda Thati	12.24	440.00	5.00	0.00	5.38	5.38	0.06	5.45	4.45
Bhilangana(Swasti)	84.91	380.00	5.00	0.00	32.27	32.27	0.42	32.69	3.85

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Vanala	49.24	508.00	7.38	0.00	25.01	25.01	0.36	25.38	5.15
Motighat	20.65	789.70	0.85	0.00	16.31	16.31	0.02	16.33	7.91
Birahi Ganga	19.63	345.00	5.00	0.00	6.77	6.77	0.10	6.87	3.50
Tanga (HHPL)	17.34	777.66	0.00	0.00	13.48	13.48	0.00	13.48	7.78
Sarju II	32.25	587.00	0.00	0.00	18.93	18.93	0.00	18.93	5.87
Uttar Bharat Sarju III	24.31	577.00	0.00	0.00	14.03	14.03	0.00	14.03	5.77
Gangani	40.59	477.00	16.90	0.00	19.36	19.36	0.69	20.05	4.94
Badiyar	14.70	504.00	0.00	0.00	7.41	7.41	0.00	7.41	5.04
Sub-Total	582.93	0.00	0.00	40.65	214.05	254.70	1.49	256.19	4.39
Co-Generation									
RBNS Sugar Mill	41.62	399.00	0.00	7.43	16.61	24.04	0.00	24.04	5.78
Uttam Sugar Mills	41.03	368.00	0.00	10.91	15.10	26.01	0.00	26.01	6.34
Dhanashree Agro/Lakshmi Sugar Mills	41.75	399.00	-33.53	9.09	16.66	25.74	-1.40	24.34	5.83
Sub-Total	124.40	0.00	0.00	27.43	48.36	75.79	-1.40	74.39	5.98
Gas									
Gama	365.55	781.32	0.00	96.17	285.61	381.78	0.00	381.78	10.44
Shravanti	731.11	782.52	0.00	269.56	572.11	841.67	0.00	841.67	11.51
Sub-Total	1096.66	0.00	0.00	365.73	857.72	1223.45	0.00	1223.45	11.16
Solar									
RV Akash Ganga solar power ltd	2.25	566.50	12.00	0.00	1.27	1.27	0.03	1.30	5.79
Metro Frozen	0.89	566.50	12.00	0.00	0.50	0.50	0.01	0.51	5.79
Jay Ace Technologies	2.47	566.50	0.00	0.00	1.40	1.40	0.00	1.40	5.67
UJVNL (1.466) Dhakrani	2.50	775.00	0.00	0.00	1.94	1.94	0.00	1.94	7.75
UJVNL (4.398)khodari	6.62	780.00	0.00	0.00	5.16	5.16	0.00	5.16	7.80
Redwoods	1.39	678.83	0.00	0.00	0.94	0.94	0.00	0.94	6.79

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Madhav Infra	18.03	774.00	12.00	0.00	13.96	13.96	0.22	14.17	7.86
Purshotam Industries Ltd.- @7.71	1.61	773.00	2.00	0.00	1.24	1.24	0.00	1.25	7.75
Purshotam Industries Ltd.- @7.73	1.39	771.00	2.00	0.00	1.07	1.07	0.00	1.07	7.73
Purshotam Ispat- @7.96	1.82	788.00	2.00	0.00	1.44	1.44	0.00	1.44	7.90
Vivaan Solar Pvt. Ltd.	5.56	793.00	2.00	0.00	4.41	4.41	0.01	4.42	7.95
Eastman International	0.94	799.00	2.00	0.00	0.75	0.75	0.00	0.75	8.01
Purshotam Ispat-II @7.88	1.24	796.00	2.00	0.00	0.98	0.98	0.00	0.99	7.98
R.C. Energy	1.51	798.00	0.00	0.00	1.21	1.21	0.00	1.21	7.98
Advika Energy	1.57	756.00	0.00	0.00	1.19	1.19	0.00	1.19	7.56
A.R. Solar Power @5.670	1.39	567.00	2.40	0.00	0.79	0.79	0.00	0.79	5.69
A.R. Solar Power- @5.690	1.45	569.00	2.40	0.00	0.82	0.82	0.00	0.83	5.71
Devishi Renewal energy	21.65	558.00	6.00	0.00	12.08	12.08	0.13	12.21	5.64
Devishi Solar power	21.72	563.00	6.00	0.00	12.23	12.23	0.13	12.36	5.69
Eminet Solar power	20.48	578.00	6.00	0.00	11.84	11.84	0.12	11.96	5.84
Sunworld Energy pvt	19.71	578.00	6.00	0.00	11.39	11.39	0.12	11.51	5.84
Electryone/Emami Power Ltd.	27.01	574.00	12.00	0.00	15.50	15.50	0.32	15.83	5.86
Hydro Power Engineers	1.24	567.00	2.40	0.00	0.70	0.70	0.00	0.70	5.69
Impex India	3.54	560.00	2.40	0.00	1.98	1.98	0.01	1.99	5.62
Technique Solaire Invest	7.16	575.00	12.00	0.00	4.12	4.12	0.09	4.20	5.87
Makin Developers Pvt. Ltd	1.48	597.00	2.40	0.00	0.88	0.88	0.00	0.89	5.99
Ballapur solar power pvt.Ltd	14.60	582.00	1.71	0.00	8.50	8.50	0.03	8.52	5.84
Chudiala Solar power project pvt.	14.69	591.00	1.71	0.00	8.68	8.68	0.03	8.71	5.93
Shakumbhari solar power project pvt Ltd	14.86	595.00	1.71	0.00	8.84	8.84	0.03	8.87	5.97
Bindookharak solar power project pvt ltd	7.58	593.00	1.71	0.00	4.50	4.50	0.01	4.51	5.95
Bhagwanpur solar projects private ltd	7.52	598.00	1.71	0.00	4.49	4.49	0.01	4.51	6.00

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PL sunrays power limited	16.62	599.00	12.00	0.00	9.96	9.96	0.20	10.16	6.11
PL surya vidyut ltd	16.41	564.00	12.00	0.00	9.25	9.25	0.20	9.45	5.76
PL solar Renewable ltd	16.67	584.00	12.00	0.00	9.73	9.73	0.20	9.93	5.96
Haridwar solar projects pvt ltd @5.57	14.89	557.00	1.71	0.00	8.29	8.29	0.03	8.32	5.59
Haridwar solar projects pvt ltd @5.58	15.02	558.00	1.71	0.00	8.38	8.38	0.03	8.41	5.60
Sunheti solar power proj pvt ltd	7.10	599.00	12.00	0.00	4.25	4.25	0.09	4.34	6.11
AB Renewable Energy pvt ltd	7.42	579.00	12.00	0.00	4.30	4.30	0.09	4.39	5.91
Canal Bank Solar pv plant Dhakrani	9.63	688.00	0.00	0.00	6.62	6.62	0.00	6.62	6.88
Canal Bank Solar pv plant Dhalipur	9.73	688.00	0.00	0.00	6.69	6.69	0.00	6.69	6.88
Canal Top Solar pv plant Dhalipur	1.18	714.00	0.00	0.00	0.84	0.84	0.00	0.84	7.14
Dakpatthar canal Bank (4.5 MW)	5.64	719.00	0.00	0.00	4.06	4.06	0.00	4.06	7.19
Sub-Total	356.17	0.00	0.00	0.00	217.20	217.20	2.14	219.34	6.16
Solar Rooftop									
Solar PV Plant (203 MW Scheme)	173.47	437.24	0.00	0.00	75.85	75.85	0.00	75.85	4.37
Solar Roof-Top	8.48	343.84	0.00	0.00	2.92	2.92	0.00	2.92	3.44
Sub-Total	181.95	0.00	0.00	0.00	78.76	78.76	0.00	78.76	4.33
Other Large Private									
Meja Urja Nigam (P) Ltd.	219.14	296.96	17.02	58.73	67.79	126.52	3.88	130.40	5.95
Renew Surya Vihaan Pvt. Ltd.	168.19	244.00	0.00	0.00	42.75	42.75	0.00	42.75	2.54
ReNew Surya Roshni Pvt. Ltd.	672.77	295.00	0.00	0.00	206.74	206.74	0.00	206.74	3.07
Sasan	692.71	114.95	17.82	10.90	82.95	93.85	12.86	106.70	1.54
Sub-Total	1752.81	0.00	0.00	69.63	400.22	469.85	16.74	486.59	2.78
Total IPP	4099.52	0.00	0.00	503.44	1817.98	2321.42	18.97	2340.38	5.71
Upcoming Stations									
Madhmaheshwar (15 MW) UJVN	52.56	754.00	0.00	0.00	39.63	39.63	0.00	39.63	7.54

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SJVN Ltd_Solar (200 MW) 50 MW in 23-24 & 200 MW from 24-25	264.38	257.00	0.00	0.00	70.78	70.78	0.00	70.78	2.68
MSSY 250 MW in three Years	249.66	464.00	0.00	0.00	115.84	115.84	0.00	115.84	4.64
UJVNL SOLAR	10.40	446.00	0.00	0.00	4.64	4.64	0.00	4.64	4.46
UJVNL SOLAR	15.81	446.00	0.00	0.00	7.05	7.05	0.00	7.05	4.46
UJVNL SOLAR	2.08	446.00	0.00	0.00	0.93	0.93	0.00	0.93	4.46
UJVNL SOLAR	48.68	446.00	0.00	0.00	21.71	21.71	0.00	21.71	4.46
Khurja Super thermal power plant	340.64	361.00	0.00	0.00	128.10	128.10	0.00	128.10	3.76
Sub-Total	984.23	0.00	0.00	0.00	388.68	388.68	0.00	388.68	3.95
State Royalty Power									
Dhauliganga	134.14	222.72	0.00	0.00	29.87	29.87	0.00	29.87	2.23
Tanakpur	48.79	222.72	0.00	0.00	10.87	10.87	0.00	10.87	2.23
Tehri	373.08	222.72	0.00	0.00	86.56	86.56	0.00	86.56	2.32
Koteshwar	138.93	222.72	0.00	0.00	32.23	32.23	0.00	32.23	2.32
Vishnu Prayag	193.10	222.72	0.00	0.00	44.80	44.80	0.00	44.80	2.32
GVK Srinagar	155.62	222.72	0.00	0.00	36.10	36.10	0.00	36.10	2.32
Rajwakti Him Urja SHP	2.19	232.00	0.00	0.00	0.53	0.53	0.00	0.53	2.42
Debal Chamoli Hydro	1.54	232.00	0.00	0.00	0.36	0.36	0.00	0.36	2.32
Loharkhet (parvatlya power)	1.77	232.00	0.00	0.00	0.41	0.41	0.00	0.41	2.32
LADF	8.21	232.00	0.00	0.00	1.91	1.91	0.00	1.91	2.32
Naptha mori	55.61	222.72	0.00	0.00	12.90	12.90	0.00	12.90	2.32
Vanala	5.47	232.00	0.00	0.00	1.27	1.27	0.00	1.27	2.32
Gunsola	1.36	232.00	0.00	0.00	0.32	0.32	0.00	0.32	2.32
Swasti	9.43	232.00	0.00	0.00	2.19	2.19	0.00	2.19	2.32
Unt Free Power(Renew)	51.71	232.00	0.00	0.00	12.00	12.00	0.00	12.00	2.32
Sub-Total	1180.96	4333.76	0.00	0.00	272.31	272.31	0.00	272.31	2.31

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Total Power Purchase from Firm Sources	15546.81	0.00	0.00	1603.02	4287.87	5890.89	334.51	6225.39	4.00
Open Market Purchases & UI									
IEX/PXIL (Net Purchases)	2523.02	482.98	0.00	0.00	1243.44	1243.44	0.00	1243.44	4.93
Banking Received	672.58								
Total Purchases	18742.41	0.00	0.00	1603.02	5531.31	7134.32	334.51	7468.83	3.98
Add Additional Energy to be covered for THDC - PSP Processing loss	80.23	482.98	0.00	0.00	40.36	40.36	0.00	40.36	5.03
Less Banking Payable	715.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
State Consumption	18107.53	0.00	0.00	1603.02	5571.67	7174.69	334.51	7509.19	4.15
PSP Charges									
Fixed charges for THDC - PSP	412.27	530.00	0.00	0.00	218.51	218.51	0.00	218.51	5.30
Total Purchases	18107.53		0.00	1603.02	5790.17	7393.19	334.51	7727.70	4.27

Table no. 73

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
NHPC									
Salal	36.92	77.70	111.46	4.18	2.99	7.17	4.29	11.46	3.10
Tanakpur	11.71	247.60	195.04	5.36	3.02	8.38	2.38	10.76	9.19
Chamera I	66.71	111.73	14.32	6.91	7.76	14.67	0.99	15.67	2.35
Chamera II	25.96	120.50	3.17	5.22	3.26	8.48	0.09	8.56	3.30
Chamera III	51.49	208.80	0.10	14.74	11.20	25.94	0.01	25.94	5.04
Uri	83.37	95.60	81.57	9.42	8.30	17.72	7.08	24.80	2.98
Dhauliganga	59.28	128.00	95.62	11.53	7.90	19.44	5.90	25.34	4.27
Dulhasti	115.97	232.80	57.90	31.14	28.12	59.26	6.99	66.25	5.71
Sewa II	31.36	220.60	18.69	9.43	7.21	16.64	0.61	17.25	5.50
Uri II	76.22	220.70	88.14	17.32	17.52	34.84	7.00	41.84	5.49
Parbati III	25.28	136.20	-0.97	14.98	3.59	18.57	-0.03	18.54	7.33
Kishnaganga	24.18	238.80	16.09	7.52	6.01	13.54	0.41	13.94	5.77
Sub-Total	608.46	0.00	0.00	137.75	106.89	244.64	35.72	280.37	4.61
SJVNL									
Nathpa Jhakri	75.53	120.30	11.85	16.29	9.47	25.76	0.93	26.69	3.53
Rampur Equity Power	209.03	208.10	12.16	56.87	45.31	102.18	2.65	104.83	5.01
Sub-Total	284.57	0.00	24.01	73.16	54.78	127.94	3.58	131.52	4.62
THDC									
Tehri HEP I	119.30	211.50	83.75	26.48	26.28	52.76	10.41	63.17	5.30
Koteshwar	76.70	274.60	100.50	24.02	21.94	45.96	8.03	53.99	7.04
Sub-Total	196.00	0.00	0.00	50.50	48.22	98.72	18.44	117.16	5.98

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
NTPC									
Singrauli	723.06	169.94	6.01	54.21	128.00	182.20	4.52	186.73	2.58
F G Unchahar-I	132.19	384.48	137.64	24.02	52.94	76.97	18.95	95.92	7.26
F G Unchahar-2	83.73	369.14	58.75	13.69	32.19	45.88	5.12	51.01	6.09
F G Unchahar-3	70.57	349.01	86.76	11.89	25.65	37.54	6.38	43.92	6.22
F G Unchahar-4	135.40	356.16	47.55	40.55	50.23	90.78	6.71	97.49	7.20
N C T Dadri:2	17.97	429.49	11.15	5.91	8.04	13.95	0.21	14.16	7.88
Rihand-1 STPS	296.32	164.58	2.56	26.05	50.80	76.85	0.79	77.64	2.62
Rihand-2 STPS	277.93	163.65	9.20	22.17	47.38	69.55	2.66	72.21	2.60
Rihand-3 STPS	317.48	161.76	7.59	47.51	53.49	101.00	2.51	103.51	3.26
Kahalgaon-II	188.54	247.56	4.73	18.11	48.62	66.73	0.93	67.66	3.59
Jhajjar Aravali	99.70	432.37	80.62	23.20	44.90	68.10	8.37	76.47	7.67
Singrauli SHEP	0.62	504.00	0.20	0.00	0.33	0.33	0.00	0.33	5.25
Koldam (Hydro)	197.45	222.50	3.14	60.91	45.76	106.67	0.65	107.32	5.44
TANDA-II	253.89	317.69	29.95	45.74	84.02	129.76	7.92	137.68	5.42
Anta Gas	3.32	1228.53	855.86	13.23	4.25	17.47	2.96	20.43	61.58
Auraiya Gas	4.63	1231.59	68.54	24.54	5.94	30.48	0.33	30.81	66.53
Dadri Gas	9.62	1198.40	15.97	19.97	12.01	31.98	0.16	32.14	33.41
Sub-Total	2812.41	0.00	0.00	451.70	694.56	1146.27	69.18	1215.44	4.32
NPCIL									
Narora APP	140.83	297.14	15.70	0.00	43.59	43.59	2.30	45.89	3.26
Rajasthan APP	184.29	374.04	21.73	0.00	71.80	71.80	4.17	75.97	4.12
Sub-Total	325.12	0.00	0.00	0.00	115.39	115.39	6.47	121.87	3.75
Total CSGS	4226.55	0.00	0.00	713.11	1019.85	1732.96	133.39	1866.35	4.42
UJVNL									

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Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
SHPs									
Ramgarh	0.15	303.82	0.00	0.00	0.04	0.04	0.00	0.04	3.04
Barar + Garaun	0.89	378.00	0.00	0.00	0.34	0.34	0.00	0.34	3.78
Taleshwar	0.92	378.00	0.00	0.00	0.35	0.35	0.00	0.35	3.78
Chharandev	0.54	378.00	0.00	0.00	0.21	0.21	0.00	0.21	3.78
Janki Chatti	0.02	378.00	0.00	0.00	0.01	0.01	0.00	0.01	3.78
Harsil	0.19	378.00	0.00	0.00	0.07	0.07	0.00	0.07	3.78
Badrinath	0.83	307.00		0.00	0.26	0.26		0.26	3.07
Pandukeshwar	0.47	378.00		0.00	0.18	0.18		0.18	3.78
Rudragaira	0.15	378.00	0.00	0.00	0.06	0.06	0.00	0.06	3.78
Istargaad	0.06	378.00	0.00	0.00	0.02	0.02	0.00	0.02	3.78
Kedarganga	0.10	378.00	0.00	0.00	0.04	0.04	0.00	0.04	3.78
Sub Total	4.32	0.00	0.00	0.00	1.56	1.56	0.00	1.56	3.62
UREDA Solar									
Solar Plant Dehra Dun	0.28	348.89	0.00	0.00	0.10	0.10	0.00	0.10	3.49
Sub Total	0.28	0.00	0.00	0.00	0.10	0.10	0.00	0.10	3.49
UREDA Biomass									
IPP Hydro									
Rajwakti Him Urja SHP	20.52	204.57	-15.31	0.00	4.20	4.20	-0.31	3.88	1.89
Greenko Budhil Hydro Power Pvt Ltd	216.33	174.90	0.00	40.65	39.41	80.06	0.00	80.06	3.70
Debal, chamoli hydro	18.26	380.00	5.00	0.00	6.94	6.94	0.09	7.03	3.85
Loharkhet (parvatiya power)	11.95	380.00	5.00	0.00	4.54	4.54	0.06	4.60	3.85
Gunsola Hydro Agunda Thati	12.24	440.00	5.00	0.00	5.38	5.38	0.06	5.45	4.45
Bhilingana(Swasti)	84.91	380.00	5.00	0.00	32.27	32.27	0.42	32.69	3.85
Vanala	49.24	508.00	7.38	0.00	25.01	25.01	0.36	25.38	5.15

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Motighat	18.72	789.70	0.85	0.00	14.78	14.78	0.02	14.80	7.91
Birahi Ganga	18.02	345.00	5.00	0.00	6.22	6.22	0.09	6.31	3.50
Tanga (HHPL)	17.34	777.66	0.00	0.00	13.48	13.48	0.00	13.48	7.78
Sarju II	32.25	587.00	0.00	0.00	18.93	18.93	0.00	18.93	5.87
Uttar Bharat Sarju III	24.31	577.00	0.00	0.00	14.03	14.03	0.00	14.03	5.77
Gangani	40.59	477.00	17.74	0.00	19.36	19.36	0.72	20.08	4.95
Badiyar	14.70	504.00	0.00	0.00	7.41	7.41	0.00	7.41	5.04
Sub-Total	579.39	0.00	0.00	40.65	211.97	252.62	1.51	254.13	4.39
Co-Generation									
R&NS Sugar Mill	41.62	399.00	0.00	7.43	16.61	24.04	0.00	24.04	5.78
Uttam Sugar Mills	41.03	368.00	0.00	10.91	15.10	26.01	0.00	26.01	6.34
Dhanashree Agro/Lakshmi Sugar Mills	41.75	399.00	-33.53	9.09	16.66	25.74	-1.40	24.34	5.83
Sub-Total	124.40	0.00	0.00	27.43	48.36	75.79	-1.40	74.39	5.98
Gas									
Gama	365.55	781.32	0.00	96.17	285.61	381.78	0.00	381.78	10.44
Shravanti	731.11	782.52	0.00	269.56	572.11	841.67	0.00	841.67	11.51
Sub-Total	1096.66	0.00	0.00	365.73	857.72	1223.45	0.00	1223.45	11.16
Solar									
RV Akash Ganga solar power ltd	2.25	566.50	12.00	0.00	1.27	1.27	0.03	1.30	5.79
Metro Frozen	0.89	566.50	12.00	0.00	0.50	0.50	0.01	0.51	5.79
Jay Ace Technologies	2.47	566.50	0.00	0.00	1.40	1.40	0.00	1.40	5.67
UJVNL (1.466) Dhakrani	2.50	775.00	0.00	0.00	1.94	1.94	0.00	1.94	7.75
UJVNL (4.398) Khodari	6.62	780.00	0.00	0.00	5.16	5.16	0.00	5.16	7.80
Redwoods	1.39	678.83	0.00	0.00	0.94	0.94	0.00	0.94	6.79
Madhav Infra	18.03	774.00	12.00	0.00	13.96	13.96	0.22	14.17	7.86

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Purshotam Industries Ltd.- @7.71	1.61	773.00	2.00	0.00	1.24	1.24	0.00	1.25	7.75
Purshotam Industries Ltd.- @7.73	1.39	771.00	2.00	0.00	1.07	1.07	0.00	1.07	7.73
Purshotam Ispat- @7.96	1.82	788.00	2.00	0.00	1.44	1.44	0.00	1.44	7.90
Vivaan Solar Pvt. Ltd.	5.56	793.00	2.00	0.00	4.41	4.41	0.01	4.42	7.95
Eastman International	0.94	799.00	2.00	0.00	0.75	0.75	0.00	0.75	8.01
Purshotam Ispat-II @7.88	1.24	796.00	2.00	0.00	0.98	0.98	0.00	0.99	7.98
R.C. Energy	1.51	798.00	0.00	0.00	1.21	1.21	0.00	1.21	7.98
Advika Energy	1.57	756.00	0.00	0.00	1.19	1.19	0.00	1.19	7.56
A.R. Solar Power @5.670	1.39	567.00	2.40	0.00	0.79	0.79	0.00	0.79	5.69
A.R. Solar Power- @5.690	1.45	569.00	2.40	0.00	0.82	0.82	0.00	0.83	5.71
Devishi Renewal energy	21.65	558.00	6.00	0.00	12.08	12.08	0.13	12.21	5.64
Devishi Solar power	21.72	563.00	6.00	0.00	12.23	12.23	0.13	12.36	5.69
Eminet Solar power	20.48	578.00	6.00	0.00	11.84	11.84	0.12	11.96	5.84
Sunworld Energy pvt	19.71	578.00	6.00	0.00	11.39	11.39	0.12	11.51	5.84
Electryone/Emami Power Ltd.	27.01	574.00	12.00	0.00	15.50	15.50	0.32	15.83	5.86
Hydro Power Engineers	1.24	567.00	2.40	0.00	0.70	0.70	0.00	0.70	5.69
Impex India	3.54	560.00	2.40	0.00	1.98	1.98	0.01	1.99	5.62
Technique Solaire Invest	7.16	575.00	12.00	0.00	4.12	4.12	0.09	4.20	5.87
Makin Developers Pvt. Ltd	1.48	597.00	2.40	0.00	0.88	0.88	0.00	0.89	5.99
Ballapur solar power pvt.Ltd	14.60	582.00	1.71	0.00	8.50	8.50	0.03	8.52	5.84
Chudiala Solar power project pvt.	14.69	591.00	1.71	0.00	8.68	8.68	0.03	8.71	5.93
Shakumbhari solar power project pvt Ltd	14.86	595.00	1.71	0.00	8.84	8.84	0.03	8.87	5.97
Bindookharak solar power project pvt ltd	7.58	593.00	1.71	0.00	4.50	4.50	0.01	4.51	5.95
Bhagwanpur solar projects private ltd	7.52	598.00	1.71	0.00	4.49	4.49	0.01	4.51	6.00
PL sunrays power limited	16.62	599.00	12.00	0.00	9.96	9.96	0.20	10.16	6.11

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
PL surya vidyut ltd	16.41	564.00	12.00	0.00	9.25	9.25	0.20	9.45	5.76
PL solar Renewable ltd	16.67	584.00	12.00	0.00	9.73	9.73	0.20	9.93	5.96
Haridwar solar projects pvt ltd @5.57	14.89	557.00	1.71	0.00	8.29	8.29	0.03	8.32	5.59
Haridwar solar projects pvt ltd @5.58	15.02	558.00	1.71	0.00	8.38	8.38	0.03	8.41	5.60
Sunheti solar power proj pvt ltd	7.10	599.00	12.00	0.00	4.25	4.25	0.09	4.34	6.11
AB Renewable Energy pvt ltd	7.42	579.00	12.00	0.00	4.30	4.30	0.09	4.39	5.91
Canal Bank Solar pv plant Dhakrani	9.63	688.00	0.00	0.00	6.62	6.62	0.00	6.62	6.88
Canal Bank Solar pv plant Dhalipur	9.73	688.00	0.00	0.00	6.69	6.69	0.00	6.69	6.88
Canal Top Solar pv plant Dhalipur	1.18	714.00	0.00	0.00	0.84	0.84	0.00	0.84	7.14
Dakpatthar canal Bank (4.5 MW)	5.64	719.00	0.00	0.00	4.06	4.06	0.00	4.06	7.19
Sub-Total	356.17	0.00	0.00	0.00	217.20	217.20	2.14	219.34	6.16
Solar Rooftop									
Solar PV Plant (203 MW Scheme)	173.47	437.24	0.00	0.00	75.85	75.85	0.00	75.85	4.37
Solar Roof-Top	8.48	343.84	0.00	0.00	2.92	2.92	0.00	2.92	3.44
Sub-Total	181.95	0.00	0.00	0.00	78.76	78.76	0.00	78.76	4.33
Other Large Private									
Meja Urja Nigam (P) Ltd.	219.14	296.96	17.02	58.73	67.79	126.52	3.88	130.40	5.95
Renew Surya Vihaan Pvt. Ltd.	168.19	244.00	0.00	0.00	42.75	42.75	0.00	42.75	2.54
ReNew Surya Roshni Pvt. Ltd.	672.77	295.00	0.00	0.00	206.74	206.74	0.00	206.74	3.07
Sasan	692.71	114.95	17.82	10.90	82.95	93.85	12.86	106.70	1.54
Sub-Total	1752.81	0.00	0.00	69.63	400.22	469.85	16.74	486.59	2.78
Total IPP	4095.98	0.00	0.00	503.44	1815.90	2319.34	18.99	2338.33	5.71
Upcoming Stations									
Madhmaheshwar (15 MW)_UJVN	52.56	754.00	0.00	0.00	39.63	39.63	0.00	39.63	7.54
Vishnugad Pipalkoti (444 MW)_THDC	248.78	287.00	0.00	0.00	71.40	71.40	0.00	71.40	2.87

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Rayat Aglar Pvt. Ltd. (6 MW)	21.02	754.00	0.00	0.00	15.85	15.85	0.00	15.85	7.54
SJVN Ltd_Solar (200 MW) 50 MW in 23-24 & 200 MW from 24-25	319.56	257.00	0.00	0.00	85.55	85.55	0.00	85.55	2.68
MSSY_250 MW in three Years	416.10	464.00	0.00	0.00	193.07	193.07	0.00	193.07	4.64
UJVNL SOLAR	10.40	446.00	0.00	0.00	4.64	4.64	0.00	4.64	4.46
UJVNL SOLAR	15.81	446.00	0.00	0.00	7.05	7.05	0.00	7.05	4.46
UJVNL SOLAR	2.08	446.00	0.00	0.00	0.93	0.93	0.00	0.93	4.46
UJVNL SOLAR	48.68	446.00	0.00	0.00	21.71	21.71	0.00	21.71	4.46
UJVNL SOLAR	74.48	446.00	0.00	0.00	33.22	33.22	0.00	33.22	4.46
Khurja Super thermal power plant	370.27	361.00	0.00	0.00	139.24	139.24	0.00	139.24	3.76
Sub-Total	1579.77	0.00	0.00	0.00	612.29	612.29	0.00	612.29	3.88
State Royalty Power									
Dhauliganga	134.14	222.72	0.00	0.00	29.87	29.87	0.00	29.87	2.23
Tanakpur	48.79	222.72	0.00	0.00	10.87	10.87	0.00	10.87	2.23
Tehri	373.08	222.72	0.00	0.00	86.56	86.56	0.00	86.56	2.32
Koteshwar	138.93	222.72	0.00	0.00	32.23	32.23	0.00	32.23	2.32
Vishnu Prayag	193.10	222.72	0.00	0.00	44.80	44.80	0.00	44.80	2.32
GVK Srinagar	155.62	222.72	0.00	0.00	36.10	36.10	0.00	36.10	2.32
Rajwakti Him Urja SHP	2.19	232.00	0.00	0.00	0.53	0.53	0.00	0.53	2.42
Debal Chamoli Hydro	1.54	232.00	0.00	0.00	0.36	0.36	0.00	0.36	2.32
Loharkhet (parvatiya power)	1.77	232.00	0.00	0.00	0.41	0.41	0.00	0.41	2.32
LADF	8.21	232.00	0.00	0.00	1.91	1.91	0.00	1.91	2.32
Naptha mori	55.61	222.72	0.00	0.00	12.90	12.90	0.00	12.90	2.32
Vanala	5.47	232.00	0.00	0.00	1.27	1.27	0.00	1.27	2.32
Gunsola	1.36	232.00	0.00	0.00	0.32	0.32	0.00	0.32	2.32
Swasti	9.43	232.00	0.00	0.00	2.19	2.19	0.00	2.19	2.32

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Birahi Ganga	1.61	232.00	0.00	0.00	0.37	0.37	0.00	0.37	2.32
Motighat	1.93	232.00	0.00	0.00	0.45	0.45	0.00	0.45	2.32
Lnt Free Power(Renew)	51.71	232.00	0.00	0.00	12.00	12.00	0.00	12.00	2.32
Sub-Total	1184.50	4333.76	0.00	0.00	273.13	273.13	0.00	273.13	2.31
Total Power Purchase from Firm Sources	15821.57	0.00	0.00	1576.77	4396.79	5973.56	334.53	6308.09	3.99
Open Market Purchases & UI									
Banking Recevied	672.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IEX/PXIL (Net Purchases)	2974.71	482.98	0.00	0.00	1466.05	1466.05	0.00	1466.05	4.93
Total Purchases	19468.85	0.00	0.00	1576.77	5862.84	7439.60	334.53	7774.13	3.99
Add Additional Energy to be covered for THDC - PSP Processing loss	96.32	482.98	0.00	0.00	48.46	48.46	0.00	48.46	5.03
Less Banking Payable	715.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
State Consumption	18850.07	0.00	0.00	1576.77	5911.30	7488.06	334.53	7822.59	4.15
PSP Charges									
Fixed charges for THDC - PSP	495.00	530.00	0.00	0.00	262.35	262.35	0.00	262.35	5.30
Total Purchases	18850.07		0.00	1576.77	6173.65	7750.41	334.53	8084.94	4.29

Table no. 74

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
NHPC									
Salal	36.92	77.70	111.46	4.18	2.99	7.17	4.29	11.46	3.10
Tanakpur	11.71	247.60	195.04	5.36	3.02	8.38	2.38	10.76	9.19
Chamera I	66.71	111.73	14.32	6.91	7.76	14.67	0.99	15.67	2.35
Chamera II	25.96	120.50	3.17	5.22	3.26	8.48	0.09	8.56	3.30
Chamera III	51.49	208.80	0.10	14.74	11.20	25.94	0.01	25.94	5.04
Uri	83.37	95.60	81.57	9.42	8.30	17.72	7.08	24.80	2.98
Dhauliganga	59.28	128.00	95.62	11.53	7.90	19.44	5.90	25.34	4.27
Dulhasti	115.97	232.80	57.90	31.14	28.12	59.26	6.99	66.25	5.71
Sewa II	31.36	220.60	18.69	9.43	7.21	16.64	0.61	17.25	5.50
Uri II	76.22	220.70	88.14	17.32	17.52	34.84	7.00	41.84	5.49
Parbati III	25.28	136.20	-0.97	14.98	3.59	18.57	-0.03	18.54	7.33
Kishnaganga	24.18	238.80	16.09	7.52	6.01	13.54	0.41	13.94	5.77
Sub-Total	608.46	0.00	0.00	137.75	106.89	244.64	35.72	280.37	4.61
SJVNL									
Nathpa Jhakri	75.53	120.30	11.85	16.29	9.47	25.76	0.93	26.69	3.53
Rampur Equity Power	209.03	208.10	12.16	56.87	45.31	102.18	2.65	104.83	5.01
Sub-Total	284.57	0.00	24.01	73.16	54.78	127.94	3.58	131.52	4.62
THDC									
Tehri HEP I	119.30	211.50	83.75	26.48	26.28	52.76	10.41	63.17	5.30
Koteshwar	76.70	274.60	100.50	24.02	21.94	45.96	8.03	53.99	7.04
Sub-Total	196.00	0.00	0.00	50.50	48.22	98.72	18.44	117.16	5.98
NTPC									
Singrauli	723.06	169.94	6.01	54.21	128.00	182.20	4.52	186.73	2.58
F G Unchahar-1	132.19	384.48	137.64	24.02	52.94	76.97	18.95	95.92	7.26
F G Unchahar-2	83.73	369.14	58.75	13.69	32.19	45.88	5.12	51.01	6.09
F G Unchahar-3	70.57	349.01	86.76	11.89	25.65	37.54	6.38	43.92	6.22

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
F G Unchahar-4	135.40	356.16	47.55	40.55	50.23	90.78	6.71	97.49	7.20
N C T Dadri:2	17.97	429.49	11.15	5.91	8.04	13.95	0.21	14.16	7.88
Rihand-1 STPS	296.32	164.58	2.56	26.05	50.80	76.85	0.79	77.64	2.62
Rihand-2 STPS	277.93	163.65	9.20	22.17	47.38	69.55	2.66	72.21	2.60
Rihand-3 STPS	317.48	161.76	7.59	47.51	53.49	101.00	2.51	103.51	3.26
Kahalgaoon-II	188.54	247.56	4.73	18.11	48.62	66.73	0.93	67.66	3.59
Jhajjar Aravali	99.70	432.37	80.62	23.20	44.90	68.10	8.37	76.47	7.67
Singrauli SHEP	0.62	504.00	0.20	0.00	0.33	0.33	0.00	0.33	5.25
Koldam (Hydro)	197.45	222.50	3.14	60.91	45.76	106.67	0.65	107.32	5.44
TANDA-II	253.89	317.69	29.95	45.74	84.02	129.76	7.92	137.68	5.42
Anta Gas	3.32	1228.53	855.86	13.23	4.25	17.47	2.96	20.43	61.58
Auraya Gas	4.63	1231.59	68.54	24.54	5.94	30.48	0.33	30.81	66.53
Dadri Gas	9.62	1198.40	15.97	19.97	12.01	31.98	0.16	32.14	33.41
Sub-Total	2812.41	0.00	0.00	451.70	694.56	1146.27	69.18	1215.44	4.32
NPCIL									
Narora APP	140.83	297.14	15.70	0.00	43.59	43.59	2.30	45.89	3.26
Rajasthan APP	184.29	374.04	21.73	0.00	71.80	71.80	4.17	75.97	4.12
Sub-Total	325.12	0.00	0.00	0.00	115.39	115.39	6.47	121.87	3.75
Total CSGS	4226.55	0.00	0.00	713.11	1019.85	1732.96	133.39	1866.35	4.42
UJVNL									
Large Hydro									
Dhakrani	91.47	91.90	45.44	10.32	8.41	18.73	4.16	22.88	2.50
Dhalipur	130.92	135.40	6.19	18.44	17.73	36.16	0.81	36.97	2.82
Chibro	596.24	73.70	44.02	39.76	43.94	83.70	26.25	109.94	1.84
Khodri	285.19	90.20	46.06	22.47	25.72	48.19	13.14	61.33	2.15
Kulhal	110.22	105.00	4.19	12.43	11.57	24.00	0.46	24.46	2.22
Ramganga	350.80	98.30	40.10	30.37	34.48	64.85	14.07	78.92	2.25
Tilloth	429.88	96.40	43.53	47.93	41.44	89.37	18.71	108.09	2.51
Chilla	747.01	94.70	47.77	52.25	70.74	122.99	35.69	158.68	2.12
Khatima	210.31	97.50	45.05	22.74	20.51	43.25	9.47	52.72	2.51

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Vyasi Hydro Power Project	328.96	760.00	0.00	0.00	250.01	250.01	0.00	250.01	7.60
Sub-Total	3281.00	0.00	0.00	256.69	524.55	781.24	122.75	904.00	2.76
Maneri Bhali II	1238.50	81.00	42.52	103.52	100.32	203.84	52.67	256.51	2.07
Small Hydro									
Mohd. Pur	47.47	204.00	35.78	0.00	9.68	9.68	1.70	11.38	2.40
Pathri	111.04	153.00	40.00	0.00	16.99	16.99	4.44	21.43	1.93
Dunao SHP 1.5 MW	3.28	737.41	0.00	0.00	2.42	2.42	0.00	2.42	7.37
Pilangad	8.16	345.00	0.00	0.00	2.82	2.82	0.00	2.82	3.45
Kaliganga-II	16.07	633.00	0.00	0.00	10.18	10.18	0.00	10.18	6.33
Urgam	6.85	195.00	40.39	0.00	1.34	1.34	0.28	1.61	2.35
Galogi	7.87	125.00	40.00	0.00	0.98	0.98	0.31	1.30	1.65
Kaliganga-I	14.53	445.00	0.00	0.00	6.47	6.47	0.00	6.47	4.45
Sub-Total	215.28	0.00	0.00	0.00	50.87	50.87	6.73	57.60	2.68
Total UJVNL	4734.77	0.00	0.00	360.22	675.74	1035.96	182.15	1218.11	2.57
UREDA									
SHPs									
Ramgarh	0.15	303.82	0.00	0.00	0.04	0.04	0.00	0.04	3.04
Barar + Garaun	0.89	378.00	0.00	0.00	0.34	0.34	0.00	0.34	3.78
Taleshwar	0.92	378.00	0.00	0.00	0.35	0.35	0.00	0.35	3.78
Chharandev	0.54	378.00	0.00	0.00	0.21	0.21	0.00	0.21	3.78
Janki Chatti	0.02	378.00	0.00	0.00	0.01	0.01	0.00	0.01	3.78
Harsil	0.19	378.00	0.00	0.00	0.07	0.07	0.00	0.07	3.78
Badrinath	0.83	307.00		0.00	0.26	0.26		0.26	3.07
Pandukeshwar	0.47	378.00		0.00	0.18	0.18		0.18	3.78
Rudragaira	0.15	378.00	0.00	0.00	0.06	0.06	0.00	0.06	3.78
Istargaad	0.06	378.00	0.00	0.00	0.02	0.02	0.00	0.02	3.78
Kedarganga	0.10	378.00	0.00	0.00	0.04	0.04	0.00	0.04	3.78
Sub Total	4.32	0.00	0.00	0.00	1.56	1.56	0.00	1.56	3.62
UREDA Solar									
Solar Plant Dehra Dun	0.28	348.89	0.00	0.00	0.10	0.10	0.00	0.10	3.49

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Sub Total	0.28	0.00	0.00	0.00	0.10	0.10	0.00	0.10	3.49
UREDA Biomass									
IPP Hydro									
Rajwakti Him Urja SHP	20.52	204.57	-15.31	0.00	4.20	4.20	-0.31	3.88	1.89
Greenko Budhil Hydro Power Pvt Ltd	216.33	174.90	0.00	40.65	39.41	80.06	0.00	80.06	3.70
Debal ,chamoli hydro	18.26	380.00	5.00	0.00	6.94	6.94	0.09	7.03	3.85
Loharkhet (parvatlya power)	11.95	380.00	5.00	0.00	4.54	4.54	0.06	4.60	3.85
Gunsola Hydro Agunda Thatl	12.24	440.00	5.00	0.00	5.38	5.38	0.06	5.45	4.45
Bhilangana(Swasti)	84.91	380.00	5.00	0.00	32.27	32.27	0.42	32.69	3.85
Vanala	49.24	508.00	7.38	0.00	25.01	25.01	0.36	25.38	5.15
Motighat	18.59	789.70	0.85	0.00	14.68	14.68	0.02	14.69	7.91
Birahi Ganga	17.67	345.00	5.00	0.00	6.09	6.09	0.09	6.18	3.50
Tanga (HHPL)	17.34	777.66	0.00	0.00	13.48	13.48	0.00	13.48	7.78
Sarju II	32.25	587.00	0.00	0.00	18.93	18.93	0.00	18.93	5.87
Uttar Bharat Sarju III	24.31	577.00	0.00	0.00	14.03	14.03	0.00	14.03	5.77
Gangani	40.59	477.00	18.63	0.00	19.36	19.36	0.76	20.12	4.96
Badiyar	14.70	504.00	0.00	0.00	7.41	7.41	0.00	7.41	5.04
Sub-Total	578.90	0.00	0.00	40.65	211.74	252.39	1.55	253.94	4.39
Co-Generation									
RBNS Sugar Mill	41.62	399.00	0.00	7.43	16.61	24.04	0.00	24.04	5.78
Uttam Sugar Mills	41.03	368.00	0.00	10.91	15.10	26.01	0.00	26.01	6.34
Dhanashree Agro/Lakshmi Sugar Mills	41.75	399.00	-33.53	9.09	16.66	25.74	-1.40	24.34	5.83
Sub-Total	124.40	0.00	0.00	27.43	48.36	75.79	-1.40	74.39	5.98
Gas									
Gama	365.55	781.32	0.00	96.17	285.61	381.78	0.00	381.78	10.44
Shravanti	731.11	782.52	0.00	269.56	572.11	841.67	0.00	841.67	11.51
Sub-Total	1096.66	0.00	0.00	365.73	857.72	1223.45	0.00	1223.45	11.16
Solar									
RV Akash Ganga solar power ltd	2.25	566.50	12.00	0.00	1.27	1.27	0.03	1.30	5.79
Metro Frozen	0.89	566.50	12.00	0.00	0.50	0.50	0.01	0.51	5.79

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Jay Ace Technologies	2.47	566.50	0.00	0.00	1.40	1.40	0.00	1.40	5.67
UJVNL (1.466) Dhakrani	2.50	775.00	0.00	0.00	1.94	1.94	0.00	1.94	7.75
UJVNL (4.398)khodari	6.62	780.00	0.00	0.00	5.16	5.16	0.00	5.16	7.80
Redwoods	1.39	678.83	0.00	0.00	0.94	0.94	0.00	0.94	6.79
Madhav Infra	18.03	774.00	12.00	0.00	13.96	13.96	0.22	14.17	7.86
Purshotam Industries Ltd.- @7.71	1.61	773.00	2.00	0.00	1.24	1.24	0.00	1.25	7.75
Purshotam Industries Ltd.- @7.73	1.39	771.00	2.00	0.00	1.07	1.07	0.00	1.07	7.73
Purshotam Ispat- @7.96	1.82	788.00	2.00	0.00	1.44	1.44	0.00	1.44	7.90
Vivaan Solar Pvt. Ltd.	5.56	793.00	2.00	0.00	4.41	4.41	0.01	4.42	7.95
Eastman International	0.94	799.00	2.00	0.00	0.75	0.75	0.00	0.75	8.01
Purshotam Ispat-II @7.88	1.24	796.00	2.00	0.00	0.98	0.98	0.00	0.99	7.98
R.C. Energy	1.51	798.00	0.00	0.00	1.21	1.21	0.00	1.21	7.98
Advika Energy	1.57	756.00	0.00	0.00	1.19	1.19	0.00	1.19	7.56
A.R. Solar Power @5.670	1.39	567.00	2.40	0.00	0.79	0.79	0.00	0.79	5.69
A.R. Solar Power- @5.690	1.45	569.00	2.40	0.00	0.82	0.82	0.00	0.83	5.71
Devishi Renewal energy	21.65	558.00	6.00	0.00	12.08	12.08	0.13	12.21	5.64
Devishi Solar power	21.72	563.00	6.00	0.00	12.23	12.23	0.13	12.36	5.69
Eminet Solar power	20.48	578.00	6.00	0.00	11.84	11.84	0.12	11.96	5.84
Sunworld Energy pvt	19.71	578.00	6.00	0.00	11.39	11.39	0.12	11.51	5.84
Electryone/Emami Power Ltd.	27.01	574.00	12.00	0.00	15.50	15.50	0.32	15.83	5.86
Hydro Power Engineers	1.24	567.00	2.40	0.00	0.70	0.70	0.00	0.70	5.69
Impex India	3.54	560.00	2.40	0.00	1.98	1.98	0.01	1.99	5.62
Technique Solaire Invest	7.16	575.00	12.00	0.00	4.12	4.12	0.09	4.20	5.87
Makin Developers Pvt. Ltd	1.48	597.00	2.40	0.00	0.88	0.88	0.00	0.89	5.99
Ballapur solar power pvt.Ltd	14.60	582.00	1.71	0.00	8.50	8.50	0.03	8.52	5.84
Chudiala Solar power project pvt.	14.69	591.00	1.71	0.00	8.68	8.68	0.03	8.71	5.93
Shakumbhari solar power project pvt Ltd	14.86	595.00	1.71	0.00	8.84	8.84	0.03	8.87	5.97
Bindookharak solar power project pvt ltd	7.58	593.00	1.71	0.00	4.50	4.50	0.01	4.51	5.95
Bhagwanpur solar projects private ltd	7.52	598.00	1.71	0.00	4.49	4.49	0.01	4.51	6.00
PL sunrays power limited	16.62	599.00	12.00	0.00	9.96	9.96	0.20	10.16	6.11

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
PL surya vidyut ltd	16.41	564.00	12.00	0.00	9.25	9.25	0.20	9.45	5.76
PL solar Renewable ltd	16.67	584.00	12.00	0.00	9.73	9.73	0.20	9.93	5.96
Haridwar solar projects pvt ltd @5.57	14.89	557.00	1.71	0.00	8.29	8.29	0.03	8.32	5.59
Haridwar solar projects pvt ltd @5.58	15.02	558.00	1.71	0.00	8.38	8.38	0.03	8.41	5.60
Sunheti solar power proj pvt ltd	7.10	599.00	12.00	0.00	4.25	4.25	0.09	4.34	6.11
AB Renewable Energy pvt ltd	7.42	579.00	12.00	0.00	4.30	4.30	0.09	4.39	5.91
Canal Bank Solar pv plant Dhakrani	9.63	688.00	0.00	0.00	6.62	6.62	0.00	6.62	6.88
Canal Bank Solar pv plant Dhalipur	9.73	688.00	0.00	0.00	6.69	6.69	0.00	6.69	6.88
Canal Top Solar pv plant Dhalipur	1.18	714.00	0.00	0.00	0.84	0.84	0.00	0.84	7.14
Dakpatthar canal Bank (4.5 MW)	5.64	719.00	0.00	0.00	4.06	4.06	0.00	4.06	7.19
Sub-Total	356.17	0.00	0.00	0.00	217.20	217.20	2.14	219.34	6.16
Solar Rooftop									
Solar PV Plant (203 MW Scheme)	173.47	437.24	0.00	0.00	75.85	75.85	0.00	75.85	4.37
Solar Roof-Top	8.48	343.84	0.00	0.00	2.92	2.92	0.00	2.92	3.44
Sub-Total	181.95	0.00	0.00	0.00	78.76	78.76	0.00	78.76	4.33
Other Large Private									
Meja Urja Nigam (P) Ltd.	219.14	296.96	17.02	58.73	67.79	126.52	3.88	130.40	5.95
Renew Surya Vihaan Pvt. Ltd.	168.19	244.00	0.00	0.00	42.75	42.75	0.00	42.75	2.54
ReNew Surya Roshni Pvt. Ltd.	672.77	295.00	0.00	0.00	206.74	206.74	0.00	206.74	3.07
Sasan	692.71	114.95	17.82	10.90	82.95	93.85	12.86	106.70	1.54
Sub-Total	1752.81	0.00	0.00	69.63	400.22	469.85	16.74	486.59	2.78
Total IPP	4095.49	0.00	0.00	503.44	1815.67	2319.11	19.03	2338.13	5.71
Upcoming Stations									
Madhmaheshwar (15 MW) UJVN	52.56	754.00	0.00	0.00	39.63	39.63	0.00	39.63	7.54
Vishnugad Pipalkoti (444 MW) THDC	248.78	287.00	0.00	0.00	71.40	71.40	0.00	71.40	2.87
Rayat Aglar Pvt. Ltd. (6 MW)	21.02	754.00	0.00	0.00	15.85	15.85	0.00	15.85	7.54
Guptkashi (1.5 MW) UJVN	5.26	796.00	0.00	0.00	4.18	4.18	0.00	4.18	7.96
Tapovan (2 MW) UJVN	7.01	796.00	0.00	0.00	5.58	5.58	0.00	5.58	7.96
Khutani Shayam Power (21 MW)	73.58	714.00	0.00	0.00	52.54	52.54	0.00	52.54	7.14
Tankul (12 MW) UJVN	42.05	754.00	0.00	0.00	31.71	31.71	0.00	31.71	7.54

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
SJVN Ltd_Solar (200 MW) 50 MW in 23-24 & 200 MW from 24-25	319.56	257.00	0.00	0.00	85.55	85.55	0.00	85.55	2.68
MSSY_250 MW in three Years	416.10	464.00	0.00	0.00	193.07	193.07	0.00	193.07	4.64
UJVNL SOLAR	10.40	446.00	0.00	0.00	4.64	4.64	0.00	4.64	4.46
UJVNL SOLAR	15.81	446.00	0.00	0.00	7.05	7.05	0.00	7.05	4.46
UJVNL SOLAR	2.08	446.00	0.00	0.00	0.93	0.93	0.00	0.93	4.46
UJVNL SOLAR	48.68	446.00	0.00	0.00	21.71	21.71	0.00	21.71	4.46
UJVNL SOLAR	74.48	446.00	0.00	0.00	33.22	33.22	0.00	33.22	4.46
UJVNL SOLAR	29.96	446.00	0.00	0.00	13.36	13.36	0.00	13.36	4.46
Khurja Super thermal power plant	371.29	361.00	0.00	0.00	139.62	139.62	0.00	139.62	3.76
Sub-Total	1738.64	0.00	0.00	0.00	720.04	720.04	0.00	720.04	4.14
State Royalty Power									
Dhauliganga	134.14	222.72	0.00	0.00	29.87	29.87	0.00	29.87	2.23
Tanakpur	48.79	222.72	0.00	0.00	10.87	10.87	0.00	10.87	2.23
Tehri	373.08	222.72	0.00	0.00	86.56	86.56	0.00	86.56	2.32
Koteshwar	138.93	222.72	0.00	0.00	32.23	32.23	0.00	32.23	2.32
Vishnu Prayag	193.10	222.72	0.00	0.00	44.80	44.80	0.00	44.80	2.32
GVK Srinagar	155.62	222.72	0.00	0.00	36.10	36.10	0.00	36.10	2.32
Rajwakti Him Urja SHP	2.19	232.00	0.00	0.00	0.53	0.53	0.00	0.53	2.42
Debal Chamoli Hydro	1.54	232.00	0.00	0.00	0.36	0.36	0.00	0.36	2.32
Loharkhet (parvatiya power)	1.77	232.00	0.00	0.00	0.41	0.41	0.00	0.41	2.32
LADF	8.21	232.00	0.00	0.00	1.91	1.91	0.00	1.91	2.32
Naptha mori	55.61	222.72	0.00	0.00	12.90	12.90	0.00	12.90	2.32
Vanala	5.47	232.00	0.00	0.00	1.27	1.27	0.00	1.27	2.32
Gunsola	1.36	232.00	0.00	0.00	0.32	0.32	0.00	0.32	2.32
Swasti	9.43	232.00	0.00	0.00	2.19	2.19	0.00	2.19	2.32
Birahi Ganga	1.96	232.00	0.00	0.00	0.46	0.46	0.00	0.46	2.32
Motighat	2.07	232.00	0.00	0.00	0.48	0.48	0.00	0.48	2.32
Int Free Power(Renew)	51.71	232.00	0.00	0.00	12.00	12.00	0.00	12.00	2.32
Sub-Total	1184.99	4333.76	0.00	0.00	273.24	273.24	0.00	273.24	2.31
Total Power Purchase from Firm Sources	15980.43	0.00	0.00	1576.77	4504.54	6081.31	334.57	6415.87	4.01

Source of Power (Station wise)	Energy at State Periphery MU	Variable Cost (P/U)	Other Cost (P/U)	Fixed Cost payable by the UPCL (Rs. Cr.)	Variable Cost payable by UPCL (Rs. Cr.)	Total Cost (Fixed + Variable) (Rs. Cr.)	Any Other Cost (Rs. Cr.)	Total Cost to be paid by UPCL (Rs. Cr.)	Total Cost per unit
Open Market Purchases & UI									
IEX/PXIL (Net Purchases)	4287.25	482.98	0.00	0.00	2112.91	2112.91	0.00	2112.91	4.93
Total Purchases	20267.68	0.00	0.00	1576.77	6617.45	8194.22	334.57	8528.78	4.21
Additional Energy to be covered for THDC - PSP Processing loss	96.32	482.98	0.00	0.00	48.46	48.46	0.00	48.46	5.03
Less Banking Payable	715.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
State Consumption	19648.90	0.00	0.00	1576.77	6665.91	8242.68	334.57	8577.24	4.37
PSP Charges									
Fixed charges for THDC - PSP	495.00	530.00	0.00	0.00	262.35	262.35	0.00	262.35	5.30
Total Purchases	19648.90		0.00	1576.77	6928.26	8505.03	334.57	8839.59	4.50

Name of Distribution Licensee
Licensed Area of Supply

Uttarakhand Power Corporation Ltd.
Uttarakhand

Annexure - C

Form: F-2.9

Power Purchase Expenses

Previous Year (FY2023-24)

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
NHPC							
Salal	7.90	78	3.09	7.39	18.38	4.81	4.92
Tanakpur	14.33	248	3.09	8.21	25.62	21.39	21.86
Chamera I	5.16	114	8.42	1.59	15.17	2.14	2.18
Chamera II	6.62	103	3.74	1.40	11.77	3.37	3.44
Chamera III	24.97	206	11.57	1.16	37.70	7.08	7.23
Uri	20.10	88	7.12	8.75	35.97	4.65	4.75
Dhauliganga	11.53	128	7.81	6.97	26.31	4.51	4.61
Dulhasti	31.88	224	30.94	10.05	72.87	5.49	5.61
Sewa II	10.35	246	9.82	1.78	21.96	6.03	6.17
Uri II	23.29	202	16.32	8.43	48.05	6.20	6.33
Parbati III	14.98	154	3.14	0.10	18.23	9.65	9.86
Kishnaganga	10.20	199	6.46	2.37	19.03	6.19	6.32
Sub-Total	181.32		111.54	58.20	351.07	5.47	5.59
SJVNL							
Nathpa Jhakri + SECI	16.29	129	14.84	0.12	31.25	3.04	3.11
Rampur Equity Power	56.89	208	46.77	11.67	115.33	5.45	5.57
Sub-Total	73.18		61.61	11.79	146.58	4.66	4.77
THDC							
Tehri HEP I	26.48	198	28.35	13.16	67.99	4.94	5.05
Koteshwar	24.02	272	26.02	10.83	60.86	7.39	7.55

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Sub-Total	50.50		54.36	23.99	128.85	5.86	5.99
	-						
NTPC	-						
Singrauli	72.77	154	125.00	11.01	208.78	2.73	2.79
F G Unchahar-I	23.92	458	58.15	9.22	91.29	7.55	7.72
F G Unchahar-2	13.00	369	31.94	2.09	47.03	5.54	5.66
F G Unchahar-3	11.59	443	30.34	4.25	46.19	7.11	7.27
F G Unchahar-4	40.59	425	53.93	5.09	99.61	8.32	8.50
N C T Dadri:2	6.71	469	11.12	1.16	18.99	8.38	8.57
Rihand-1 STPS	21.04	158	54.81	3.29	79.14	2.40	2.45
Rihand-2 STPS	23.46	158	44.68	2.99	71.13	2.61	2.66
Rihand-3 STPS	65.32	156	55.00	18.48	138.79	4.11	4.20
Kahalgaon-II	18.11	293	53.19	2.68	73.98	4.25	4.34
Jhajjar Aravali	33.72	440	37.60	4.10	75.42	9.14	9.34
Singrauli SHEP	-	504	0.51	0.00	0.51	5.25	5.37
Koldam (Hydro)	45.29	244	38.66	3.34	87.29	4.28	4.37
TANDA-II	45.24	361	102.59	9.21	157.04	5.79	5.92
Bongaigaon TPS	62.24	355	95.49	3.27	161.00	6.17	6.31
Anta Gas	11.03	1,274	8.92	0.27	20.22	30.46	31.14
Auraiya Gas	53.15	1,250	11.95	21.23	86.32	93.19	95.25
Dadri Gas	19.86	1,194	22.71	4.16	46.72	25.39	25.95
Farakka Super Thermal Stn-3	(0.01)				(0.01)		
Khargone Super Thermal Pwr Stn -I	0.07				0.07		
Vindhyachal Super Thermal Power Stn 1	0.00				0.00		
Vindhyachal Super Thermal Power Stn 4	0.03				0.03		
Vindhyachal Super Thermal Power Stn 5	(0.00)				(0.00)		
Sub-Total	567.13		836.57	105.86	1,509.55	4.80	4.90
	-						
NPCIL	-						
Narora APP	-	297	47.87	1.76	49.62	3.15	3.22
Rajasthan APP	-	374	91.50	0.13	91.64	4.08	4.17
Sub-Total	-		139.37	1.89	141.26	7.23	3.78
Total CSGS	872.13		1,203.45	201.74	2,277.31	4.84	4.95
UJVNL	-						

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Large Hydro	-						
Dhakrani	4.60	93	7.73	7.45	19.79	2.38	2.43
Dhalipur	9.09	114	12.90	10.41	32.40	2.86	2.93
Chibro	30.45	66	37.34	42.68	110.47	1.94	1.99
Khodri	17.50	82	22.19	24.87	64.55	2.38	2.43
Kulhal	9.14	94	9.50	8.62	27.26	2.70	2.76
Ramganga	25.64	91	28.78	28.18	82.60	2.61	2.66
Tiloth	60.93	86	39.57	30.56	131.05	2.85	2.91
Chilla	38.08	60	41.80	91.88	171.77	2.46	2.52
Khatima	14.48	97	20.29	18.88	53.65	2.68	2.74
Vyasi Hydro Power Project	-	760	234.57	10.89	245.46	7.95	8.13
Sub-Total	209.91		454.67	274.42	939.01	3.01	3.08
Maneri Bhali II	106.01	83	99.30	51.17	256.48	2.14	2.19
Small Hydro	-						
Mohd. Pur	-	204	9.02	6.06	15.07	3.41	3.49
Pathri	-	153	16.24	13.03	29.27	2.76	2.82
UJVNL Water Tax / Income Tax	-			16.81	16.81		
Dunao SHP 1.5 MW	-	637	2.13	-	2.13	6.37	6.37
Pilangad	-	345	2.62	-	2.62	3.45	3.45
Kaliganga-II	-	570	11.23	0.06	11.29	5.73	5.73
Urgam	-	195	0.43	0.09	0.52	2.35	2.35
Galogi	-	125	0.98	0.31	1.30	1.65	1.65
Kaliganga-I	-	445	6.16	-	6.16	4.45	4.45
Sub-Total	-		48.82	36.36	85.18	4.16	4.22
Total UJVNL	315.93		602.79	361.95	1,280.67	2.83	2.89
UREDA	-						
SHPs	-						
Ramgarh	-	304	0.09	-	0.09	3.04	3.04
Barar + Garaun	-	370	0.63	-	0.63	3.70	3.70
Taleshwar	-	359	0.63	-	0.63	3.59	3.59
Chharandev	-	372	0.38	-	0.38	3.72	3.72
Janki Chatti	-	378	0.01	-	0.01	3.78	3.78

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Harsil	-	337	0.10	-	0.10	3.37	3.37
Badrinath	-	307	0.51	-	0.51	3.07	3.07
Pandukeshwar	-	378	0.35	-	0.35	3.78	3.78
Rudragaira	-	349	0.09	-	0.09	3.49	3.49
Istargaad	-	378	0.04	-	0.04	3.78	3.78
Kedarganga	-	446	0.09	-	0.09	4.46	4.46
Sub Total	-		2.93	-	2.93	3.54	3.54
UREDA Solar	-						
Solar Plant Dehra Dun	-	349	0.14	-	0.14	3.49	3.49
Sub Total	-		0.14	-	0.14	3.49	3.49
UREDA Biomass	-						
Avni Bio Energy	-				-		
Sub-Total	-	-	-	-	-		
IPP Hydro	-						
Rajwakti Him Urja SHP	-	250	7.08	-	7.08	3.45	3.45
Greenko Budhil Hydro Power Pvt Ltd	43.53	167	36.56	-	80.09	3.80	3.89
Debal ,chamoli hydro	-	363	6.14	0.08	6.23	3.69	3.69
Loharkhet (parvatiya power)	-	380	4.22	0.06	4.28	3.58	3.58
Gunsola Hydro Agunda Thati	-	397	5.38	0.07	5.45	4.02	4.02
Bhilangana(Swasti)	-	353	31.71	2.11	33.83	3.76	3.76
Vanala	-	508	31.52	0.39	31.91	5.14	5.14
Motighat	-	434	16.67	-	16.67	8.44	8.44
Birahi Ganga	-	335	4.37	0.07	4.44	3.40	3.40
Tanga (HHPL)	-	669	14.29	-	14.29	7.99	7.99
Sarju II	-	587	19.97	0.08	20.06	5.89	5.89
Uttar Bharat Sarju III	-	577	14.73	0.09	14.82	5.81	5.81
Gangani	-	419	17.30	1.15	18.45	4.47	4.47
Badiyar	-	504	7.79	-	7.79	5.04	5.04
Sub-Total	43.53		217.73	4.11	265.37	4.48	4.51
Co-Generation	-						
RBNS Sugar Mill	7.43	399	12.87	-	20.30	6.29	6.43
Uttam Sugar Mills	10.91	351	14.73	-	25.64	6.11	6.25

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Dhanashree Agro/Lakshmi Sugar Mills	9.09	399	13.43	(1.13)	21.38	6.35	6.50
Sub-Total	27.43		41.03	(1.13)	67.33	6.24	6.38
Gas	-						
Gama	96.17	902	195.98	-	292.15	13.57	13.87
Shravanti	271.63	900	392.17	-	663.81	15.43	15.77
Sub-Total	367.80		588.15	-	955.95	14.81	15.14
Solar	-						
RV Akash Ganga solar power ltd	-	567	1.26	0.03	1.28	5.79	5.79
Metro Frozen	-	567	0.44	0.01	0.45	5.79	5.79
Jay Ace Technologies	-	567	1.33	-	1.33	5.67	5.67
UJVNL (1.466) Dhakrani	-	775	1.93	-	1.93	7.75	7.75
UJVNL (4.398)khodari	-	780	5.12	-	5.12	7.80	7.80
Redwoods	-	677	1.49	-	1.49	6.77	6.77
Madhav Infra	-	774	13.67	0.21	13.88	7.86	7.86
Purshotam Industries Ltd.- @7.71	-	773	1.26	0.00	1.26	7.75	7.75
Purshotam Industries Ltd.- @7.73	-	771	1.00	0.00	1.01	7.73	7.73
Purshotam Ispat- @7.96	-	788	1.45	0.00	1.46	7.90	7.90
Vivaan Solar Pvt. Ltd.	-	793	4.41	0.01	4.42	7.95	7.95
Eastman International	-	799	0.75	0.00	0.75	8.01	8.01
Purshotam Ispat-II @7.88	-	796	1.04	0.00	1.04	7.98	7.98
R.C. Energy	-	798	1.22	-	1.22	7.98	7.98
Advika Energy	-	756	1.22	-	1.22	7.56	7.56
A.R. Solar Power @5.670	-	567	0.75	0.00	0.75	5.69	5.69
A.R. Solar Power- @5.690	-	569	0.77	0.00	0.78	5.71	5.71
Devishi Renewal energy	-	558	12.07	0.13	12.20	5.64	5.64
Devishi Solar power	-	563	12.22	0.13	12.35	5.69	5.69
Eminet Solar power	-	578	11.65	0.12	11.77	5.84	5.84
Sunworld Energy pvt	-	578	11.25	0.12	11.37	5.84	5.84
Electryone/Emami Power Ltd.	-	574	15.27	0.32	15.59	5.86	5.86
Hydro Power Engineers	-	567	0.59	0.00	0.59	5.69	5.69
Impex India	-	560	1.92	0.01	1.93	5.62	5.62
Technique Solaire Invest	-	575	4.12	0.09	4.21	5.87	5.87

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Makin Developers Pvt. Ltd	-	597	0.85	0.00	0.85	5.99	5.99
Ballupur solar power pvt.Ltd	-	582	8.24	0.02	8.26	5.84	5.84
Chudiala Solar power project pvt.	-	591	8.46	0.02	8.49	5.93	5.93
Shakumbhari solar power project pvt Ltd	-	595	8.64	0.02	8.66	5.97	5.97
Bindookharak solar power project pvt ltd	-	593	4.37	0.01	4.38	5.95	5.95
Bhagwanpur solar projects private ltd	-	598	4.38	0.01	4.39	6.00	6.00
PL sunrays power limited	-	599	9.91	0.20	10.11	6.11	6.11
PL surya vidyut ltd	-	564	9.25	0.20	9.45	5.76	5.76
PL solar Renewable ltd	-	584	9.66	0.20	9.86	5.96	5.96
Haridwar solar projects pvt ltd @5.57	-	557	8.05	0.02	8.07	5.59	5.59
Haridwar solar projects pvt ltd @5.58	-	558	8.13	0.02	8.15	5.60	5.60
Sunheti solar power proj pvt ltd	-	599	3.92	0.08	4.00	6.11	6.11
AB Renewable Energy pvt ltd	-	579	4.26	0.09	4.35	5.91	5.91
Canal Bank Solar pv plant Dhakrani	-	688	6.49	-	6.49	6.88	6.88
Canal Bank Solar pv plant Dhalipur	-	688	6.32	-	6.32	6.88	6.88
Canal Top Solar pv plant Dhalipur	-	714	0.82	-	0.82	7.14	7.14
Dakpatthar canal Bank (4.5 MW)	-	719	3.89	-	3.89	7.19	7.19
Sub-Total	-		213.81	2.11	215.91	6.16	6.16
	-						
Solar Rooftop	-						
Solar PV Plant (203 MW Scheme)	-	427	84.11	-	84.11	4.27	4.27
Solar Roof-Top	-	309	2.59	-	2.59	3.09	3.09
Sub-Total	-		86.71	-	86.71	4.22	4.22
	-						
Other Large Private	-						
Meja Urja Nigam (P) Ltd.	58.64	304	86.48	(0.25)	144.87	5.31	5.42
Sasan	10.90	115	86.67	12.35	109.92	1.52	1.55
Sub-Total	69.54		173.15	12.10	254.79	2.56	2.61
Total IPP	508.29		1,323.65	17.19	1,849.13	6.36	6.45
Upcoming Stations	-						
Suringad-II (5 MW)_UJVN	-	-	-	-	-		
Madhmaheshwar (15 MW)_UJVN	-	-	-	-	-		
Khurja Super thermal power plant	-	-	-	-	-		
Sub-Total	-	-	-	-	-		

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
State Royalty Power	-						
Dhauliganga	-	214	24.45	-	24.45	2.23	2.28
Tanakpur	-	214	9.36	-	9.36	2.23	2.28
Tehri	-	214	82.60	-	82.60	2.23	2.28
Koteshwar	-	214	30.06	-	30.06	2.23	2.28
Vishnu Prayag	-	214	39.58	-	39.58	2.23	2.28
GVK Srinagar	-	214	32.16	-	32.16	2.23	2.28
Rajwakti Him Urja SHP	-	223	0.51	-	0.51	2.23	2.28
Debal Chamoli Hydro	-	223	0.42	-	0.42	2.23	2.28
Loharkhet (parvatiya power)	-	223	0.30	-	0.30	2.23	2.28
Int Free Power(Renew)	-	214	9.97	-	9.97	2.23	2.28
Sub-Total	-		229.40	-	229.40	2.23	2.28
Total Power Purchase from Firm Sources	1,696.35		3,359.29	580.88	5,636.52	4.28	4.37
Open Market Purchases & UI	-						
Unallocated Power	-		2.03	-	2.03		
Banking Received	-	-	-	-	-	0.00	0.00
UI Net drawal	-	1,411	115.94	-	115.94	14.69	15.02
Tender Purchases	-	518	388.95	-	388.95	5.18	5.30
IEX/PXIL (Net Purchases)	-	526	1,283.94	-	1,283.94	5.41	5.48
Reactive Payables	-		0.18	-	0.18		
Sub-Total	-		1,791.04	-	1,791.04	4.85	4.93
Total Purchases	1,696.35		5,150.33	580.88	7,427.56	4.41	4.49
Banking Payable	-	-	-	-	-	0.00	0.00
Reactive Units Receivables	-		5.40	-	5.40		
Sub-Total	-	-	5.40	-	5.40	0.13	0.13
State Consumption	1,696.35	-	5,144.93	580.88	7,422.16	4.52	4.61
Transmission Charges	-						
PGCIL	-						
POC Charges	583.59			93.82	677.40		
Non POC	0.25			-	0.25		

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
POSOCO NRLDC	1.39			-	1.39		
Open Access Charges + MARGIN CHARGES FOR RETURN OF BANKED POWER	-		0.98	0.03	1.01		
Sub-Total	585.22		0.98	93.85	680.05		
PTCUL + SLDC							
PTCUL	373.92				373.92		
Sub-Total	373.92	-	-	-	373.92		
Total Transmission charges	959.14	-	0.98	93.85	1,053.97		
Gross Consumption	2,655.49	-	5,145.92	674.72	8,476.13	5.16	
Total Power Purchase Cost (inc trans	2,655.49	-	5,145.92	674.72	8,476.13	5.16	5.26

Current Year (FY 2024-25)*

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
NHPC							
Salal	4.18	77.70	3.08	4.41	11.67	3.07	3.10
Tanakpur	5.36	247.60	3.23	2.55	11.15	8.89	8.99
Chamera I	6.91	111.73	8.04	1.03	15.97	2.31	2.34
Chamera II	5.22	120.50	2.92	0.08	8.21	3.53	3.57
Chamera III	14.74	208.80	11.39	0.01	26.13	4.99	5.05
Uri	9.42	95.60	7.04	6.01	22.47	3.18	3.21
Dhauliganga	11.53	128.00	7.47	5.58	24.58	4.39	4.44
Dulhasti	31.14	232.80	27.81	6.92	65.87	5.74	5.81
Sewa II	9.43	220.60	5.76	0.49	15.68	6.26	6.32
Uri II	17.32	220.70	16.27	6.50	40.09	5.66	5.73

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Parbati III	14.98	136.20	3.84	(0.03)	18.79	6.94	7.02
Kishnaganga	7.52	238.80	4.74	0.32	12.58	6.61	6.68
Sub-Total	137.75		101.59	33.86	273.20	4.72	4.77
SJVNL							
Nathpa Jhakri	16.29	120.30	8.11	0.80	25.20	3.89	3.94
Rampur Equity Power	56.87	208.10	47.24	2.76	106.87	4.90	4.96
Sub-Total	73.16		55.35	3.56	132.07	4.67	4.72
THDC							
Tehri HEP I	26.48	211.50	24.22	9.59	60.30	5.48	5.54
Koteshwar	24.02	274.60	20.79	7.61	52.41	7.21	7.29
Sub-Total	50.50		45.01	17.20	112.71	6.17	6.24
NTPC							
Singrauli	54.21	169.94	127.11	4.49	185.81	2.59	2.62
F G Unchahar-I	24.02	384.48	45.06	16.13	85.21	7.57	7.66
F G Unchahar-2	13.69	369.14	25.89	4.12	43.70	6.49	6.56
F G Unchahar-3	11.89	349.01	18.36	4.56	34.81	6.89	6.97
F G Unchahar-4	40.55	356.16	40.47	5.40	86.43	7.92	8.01
N C T Dadri:2	5.91	429.49	4.92	0.13	10.96	9.97	10.08
Rihand-1 STPS	26.05	164.58	49.20	0.77	76.01	2.65	2.68
Rihand-2 STPS	22.17	163.65	47.14	2.65	71.96	2.60	2.63
Rihand-3 STPS	47.51	161.76	52.41	2.46	102.37	3.29	3.33
Kahalgaon-II	18.11	247.56	48.65	0.93	67.70	3.59	3.63
Jhajjar Aravali	23.20	432.37	20.32	3.79	47.30	10.49	10.60
Singrauli SHEP	-	504.00	0.25	0.00	0.25	5.25	5.31
Koldam (Hydro)	60.91	222.50	49.06	0.69	110.66	5.23	5.29
TANDA-II	45.74	317.69	44.80	4.22	94.76	7.00	7.08
Bongaigaon TPS	62.24	396.70	7.35	0.11	69.70	39.19	39.62
Anta Gas	13.23	1,228.53	2.33	1.63	17.19	94.22	95.26
Auraiya Gas	24.54	1,231.59	4.01	0.22	28.77	92.11	93.13
Dadri Gas	19.97	1,198.40	15.56	0.21	35.74	28.67	28.99
Telangana stps-1	52.50	339.80	210.30	2.04	264.84	4.46	4.51

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Gadarwara STPS-I	1.82	349.95	2.51	(0.01)	4.32	6.27	6.34
Jhanor_Gandhar Gas Stn ABT-5	0.00	1,136.89	0.01	0.00	0.011	15.95	16.12
Khargone Super Thermal Pwr Stn -I	2.32	405.32	3.76	(0.01)	6.07	6.82	6.89
Korba Super Thermal Power Station -1	0.70	144.91	1.36	0.05	2.11	2.34	2.36
Korba STPS Stage-3 ABT-4	0.41	143.18	0.52	(0.00)	0.93	2.66	2.69
Kawas Gas Pwr Stn ABT-5	0.00	4,640.63	0.01	0.00	0.01	65.99	66.73
Lara Super Thermal Pwr Stn - I	3.00	127.58	1.78	(0.12)	4.66	3.48	3.52
Mouda Super Thermal Power Station -1	1.01	347.05	1.88	0.00	2.89	5.57	5.63
Mouda Super Thermal Power Station -2	1.68	337.64	3.31	0.00	5.00	5.30	5.36
Solapur Thermal Power Station 1	2.11	621.11	4.26	0.02	6.38	9.70	9.81
Sipat Super Thermal Power Stn_1	2.14	162.45	2.80	(0.01)	4.94	2.99	3.02
Sipat Super Thermal Power Stn_2	0.58	167.09	1.13	0.03	1.74	2.68	2.71
Vindhyachal Super Thermal Power Stn 1	0.71	191.18	1.41	(0.00)	2.11	3.00	3.03
Vindhyachal Super Thermal Power Stn 2	0.47	183.05	1.22	0.03	1.73	2.70	2.73
Vindhyachal Super Thermal Power Stn 3	0.55	180.79	0.98	0.01	1.54	2.95	2.98
Vindhyachal Super Thermal Power Stn 4	1.44	179.70	1.74	0.06	3.24	3.49	3.53
Vindhyachal Super Thermal Power Stn 5	0.72	185.18	0.90	0.03	1.65	3.52	3.56
Sub-Total	586.10		842.75	54.64	1,483.50	4.53	4.58
NPCIL							
Narora APP	-	297.14	46.83	2.47	49.30	3.26	3.29
Rajasthan APP	-	374.04	68.72	3.99	72.71	4.12	4.17
Sub-Total	-		115.54	6.47	122.01	3.72	3.77
Total CSGS	847.51		1,160.25	115.73	2,123.49	4.57	4.62
UJVNL							
Large Hydro							
Dhakrani	10.32	91.90	7.48	3.70	21.50	2.64	2.67
Dhalipur	18.44	135.40	22.48	1.03	41.94	2.53	2.55
Chibro	39.76	73.70	43.40	25.92	109.08	1.85	1.87
Khodri	22.47	90.20	25.43	12.99	60.89	2.16	2.18
Kulhal	12.43	105.00	11.69	0.47	24.58	2.21	2.23
Ramganga	30.37	98.30	33.67	13.73	77.77	2.27	2.30
Tiloth	47.93	96.40	46.37	20.94	115.25	2.40	2.42
Chilla	52.25	94.70	66.23	33.41	151.89	2.17	2.20

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Khatima	22.74	97.50	17.75	8.20	48.69	2.67	2.70
Vyasi Hydro Power Project	-	760.00	231.19	0.44	231.63	7.61	7.70
Sub-Total	256.69		505.69	120.84	883.22	2.73	2.76
Maneri Bhali II	103.52	81.00	105.75	55.52	264.79	2.03	2.05
Small Hydro							
Mohd. Pur	-	204.00	8.94	1.57	10.51	2.40	2.42
Pathri	-	153.00	16.45	4.30	20.75	1.93	1.95
Dunao SHP 1.5 MW	-	637.00	2.01	-	2.01	6.37	6.37
Suringarh-II	-	790.35	0.50	-	0.50	7.90	7.90
Pilangad	-	345.00	2.39	-	2.39	3.45	3.45
Kaliganga-II	-	633.00	9.69	-	9.69	6.33	6.33
Urgam	-	195.00	1.35	0.28	1.62	2.35	2.35
Galogi	-	125.00	0.95	0.30	1.25	1.65	1.65
Kaliganga-I	-	445.00	5.56	-	5.56	4.45	4.45
Sub-Total	-		47.84	6.45	54.29	2.66	2.68
Total UJVNL	360.22		659.27	182.80	1,202.29	2.53	2.56
UREDA							
SHPs							
Ramgarh	-	303.82	0.04	-	0.04	3.04	3.04
Barar + Garaun	-	378.00	0.36	-	0.36	3.78	3.78
Taleshwar	-	378.00	0.30	-	0.30	3.78	3.78
Chharandev	-	378.00	0.15	-	0.15	3.78	3.78
Janki Chatti	-	378.00	0.01	-	0.01	3.78	3.78
Harsil	-	378.00	0.05	-	0.05	3.78	3.78
Badrinath	-	307.00	0.09	-	0.09	3.07	3.07
Pandukeshwar	-	378.00	0.12	-	0.12	3.78	3.78
Rudragaira	-	378.00	0.04	-	0.04	3.78	3.78
Istargaad	-	378.00	0.05	-	0.05	3.78	3.78
Kedarganga	-	378.00	0.04	-	0.04	3.78	3.78
Sub Total	-		1.23	-	1.23	3.69	3.69
UREDA Solar							
Solar Plant Dehra Dun	-	348.89	0.04	-	0.04	3.49	3.49

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Sub Total	-		0.04	-	0.04	3.49	3.49
UREDA Biomass							
Avni Bio Energy	-				-		
Sub-Total	-		-	-	-		
IPP Hydro							
Rajwakti Him Urja SHP	-	204.57	4.06	(0.30)	3.76	1.89	1.89
Greenko Budhil Hydro Power Pvt Ltd	40.65	174.90	40.73	-	81.38	3.64	3.68
Debal ,chamoli hydro	-	380.00	5.45	0.07	5.52	3.85	3.85
Loharkhet (parvatiya power)	-	380.00	6.06	0.08	6.14	3.85	3.85
Gunsola Hydro Agunda Thati	-	440.00	4.12	0.05	4.17	4.45	4.45
Bhilangana(Swasti)	-	380.00	27.11	0.36	27.47	3.85	3.85
Vanala	-	508.00	28.34	0.41	28.75	5.15	5.15
Motighat	-	789.70	16.58	0.02	16.60	7.91	7.91
Birahi Ganga	-	345.00	7.69	0.11	7.80	3.50	3.50
Tanga (HHPL)	-	777.66	15.22	-	15.22	7.78	7.78
Sarju II	-	587.00	18.82	-	18.82	5.87	5.87
Uttar Bharat Sarju III	-	577.00	14.52	-	14.52	5.77	5.77
Gangani	-	477.00	17.85	0.60	18.45	4.93	4.93
Badiyar	-	504.00	7.56	-	7.56	5.04	5.04
Sub-Total	40.65		214.10	1.39	256.14	4.40	4.41
Co-Generation							
RBNS Sugar Mill	7.43	399.00	12.14	-	19.57	6.43	6.50
Uttam Sugar Mills	10.91	368.00	12.78	-	23.69	6.82	6.90
Dhanashree Agro/Lakshmi Sugar Mills	9.09	399.00	14.33	(1.20)	22.21	6.18	6.25
Sub-Total	27.43		39.25	(1.20)	65.47	6.48	6.55
Gas							
Gama	96.17	781.32	221.23	-	317.40	11.21	11.33
Shravanti	269.56	782.52	355.30	-	624.86	13.76	13.92
Sub-Total	365.73		576.53	-	942.26	12.78	12.92
Solar							

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
RV Akash Ganga solar power ltd	-	566.50	1.25	0.03	1.28	5.79	5.79
Metro Frozen	-	566.50	0.52	0.01	0.53	5.79	5.79
Jay Ace Technologies	-	566.50	1.40	-	1.40	5.67	5.67
UJVNL (1.466) Dhakrani	-	775.00	1.94	-	1.94	7.75	7.75
UJVNL (4.398)khodari	-	780.00	5.31	-	5.31	7.80	7.80
Redwoods	-	678.83	1.54	-	1.54	6.79	6.79
Madhav Infra	-	774.00	14.08	0.22	14.29	7.86	7.86
Purshotam Industries Ltd.- @7.71	-	773.00	1.28	0.00	1.28	7.75	7.75
Purshotam Industries Ltd.- @7.73	-	771.00	1.02	0.00	1.02	7.73	7.73
Purshotam Ispat- @7.96	-	788.00	1.35	0.00	1.36	7.90	7.90
Vivaan Solar Pvt. Ltd.	-	793.00	4.42	0.01	4.43	7.95	7.95
Eastman International	-	799.00	0.76	0.00	0.76	8.01	8.01
Purshotam Ispat-II @7.88	-	796.00	0.92	0.00	0.92	7.98	7.98
R.C. Energy	-	798.00	1.29	-	1.29	7.98	7.98
Advika Energy	-	756.00	1.27	-	1.27	7.56	7.56
A.R. Solar Power @5.670	-	567.00	0.80	0.00	0.80	5.69	5.69
A.R. Solar Power- @5.690	-	569.00	0.83	0.00	0.83	5.71	5.71
Devishi Renewal energy	-	558.00	11.78	0.13	11.91	5.64	5.64
Devishi Solar power	-	563.00	11.97	0.13	12.10	5.69	5.69
Eminet Solar power	-	578.00	11.47	0.12	11.59	5.84	5.84
Sunworld Energy pvt	-	578.00	10.85	0.11	10.97	5.84	5.84
Electryone/Emami Power Ltd.	-	574.00	15.61	0.33	15.93	5.86	5.86
Hydro Power Engineers	-	567.00	0.72	0.00	0.73	5.69	5.69
Impex India	-	560.00	2.02	0.01	2.03	5.62	5.62
Technique Solaire Invest	-	575.00	4.25	0.09	4.33	5.87	5.87
Makin Developers Pvt. Ltd	-	597.00	0.89	0.00	0.89	5.99	5.99
Ballapur solar power pvt.Ltd	-	582.00	8.36	0.02	8.39	5.84	5.84
Chudiala Solar power project pvt.	-	591.00	8.54	0.02	8.56	5.93	5.93
Shakumbhari solar power project pvt Ltd	-	595.00	8.71	0.03	8.74	5.97	5.97
Bindookharak solar power project pvt ltd	-	593.00	4.43	0.01	4.45	5.95	5.95
Bhagwanpur solar projects private ltd	-	598.00	4.47	0.01	4.48	6.00	6.00
PL sunrays power limited	-	599.00	9.82	0.20	10.02	6.11	6.11
PL surya vidyut ltd	-	564.00	9.10	0.19	9.30	5.76	5.76
PL solar Renewable ltd	-	584.00	9.62	0.20	9.82	5.96	5.96

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Haridwar solar projects pvt ltd @5.57	-	557.00	8.12	0.02	8.14	5.59	5.59
Haridwar solar projects pvt ltd @5.58	-	558.00	8.23	0.03	8.26	5.60	5.60
Sunheti solar power proj pvt ltd	-	599.00	4.10	0.08	4.18	6.11	6.11
AB Renewable Energy pvt ltd	-	579.00	4.44	0.09	4.53	5.91	5.91
Canal Bank Solar pv plant Dhakrani	-	688.00	6.59	-	6.59	6.88	6.88
Canal Bank Solar pv plant Dhalipur	-	688.00	6.85	-	6.85	6.88	6.88
Canal Top Solar pv plant Dhalipur	-	714.00	0.86	-	0.86	7.14	7.14
Dakpatthar canal Bank (4.5 MW)	-	719.00	3.86	-	3.86	7.19	7.19
Sub-Total	-		215.63	2.12	217.75	6.17	6.17
Solar Rooftop							
Solar PV Plant (203 MW Scheme)	-	437.24	96.24	-	96.24	4.37	4.37
Solar Roof-Top	-	343.84	4.32	-	4.32	3.44	3.44
Sub-Total	-		100.56	-	100.56	4.32	4.32
Other Large Private							
Meja Urja Nigam (P) Ltd.	58.73	296.96	75.40	4.32	138.45	5.68	5.74
Renew Surya Vihaan Pvt. Ltd.	-	244.00	42.75	-	42.75	2.54	2.57
ReNew Surya Roshni Pvt. Ltd.	-	295.00	118.00	-	118.00	3.07	3.11
Sasan	10.90	114.95	83.60	12.96	107.45	1.54	1.56
Sub-Total	69.63		319.74	17.28	406.65	2.72	2.75
Total IPP	503.44		1,467.08	19.59	1,990.11	5.68	5.72
Upcoming Stations							
Madhmaheshwar (15 MW)_UJVN		754.00	19.54	-	19.54	7.54	7.62
SJVN Ltd_Solar (200 MW)50 MW in 23-24		257.00	10.08	-	10.08	2.68	2.68
MSSY_250 MW in three Years		464.00	15.97	-	15.97	4.64	4.64
UJVNL_SOLAR		446.00	0.74	-	0.74	4.46	4.46
UJVNL_SOLAR		446.00	0.38	-	0.38	4.46	4.46
Khurja Super thermal power plant		361.00	17.17		17.17	3.76	3.80
Sub-Total	-		63.89	-	63.89	4.37	4.39
State Royalty Power							
Dhauliganga		222.72	29.67	-	29.67	2.23	2.25
Tanakpur		222.72	9.86	-	9.86	2.23	2.25

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Tehri		222.72	87.89	-	87.89	2.32	2.35
Koteshwar		222.72	31.41	-	31.41	2.32	2.35
Vishnu Prayag		222.72	44.12	-	44.12	2.32	2.35
GVK Srinagar		222.72	37.11	-	37.11	2.32	2.35
Rajwakti Him Urja SHP		232.00	0.51	-	0.51	2.42	2.44
Debal Chamoli Hydro		232.00	0.37	-	0.37	2.32	2.35
Loharkhet (parvatiya power)		232.00	0.41	-	0.41	2.32	2.35
LADF		232.00	1.91	-	1.91	2.32	2.35
Natwar mori		222.72	12.90	-	12.90	2.32	2.35
Vanala		232.00	0.25	-	0.25	2.32	2.35
Gunsola		232.00	0.16	-	0.16	2.32	2.35
Swasti		232.00	0.98	-	0.98	2.32	2.35
Lnt Free Power(Renew)		232.00	13.51	-	13.51	2.32	2.35
Sub-Total	-	4333.76	271.06	-	271.06	2.31	2.33

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Total Power Purchase from Firm Sources	1,711.17		3,621.55	318.11	5,650.84	3.97	4.02
Open Market Purchases & UI							
Unallocated Power	-	441.67	280.10	-	280.10	4.60	4.65
UI Net drawal	-	(1,288.89)	42.41	-	42.41	-13.43	-13.58
Tender Purchases	-		0.00	-	-		
IEX/PXIL (Net Purchases)	-	482.98	1,135.11	-	1,135.11	4.93	4.98
Reactive Payables	-		0.00	-	-		
Sub-Total	-	-364.25	1,457.62	-	1,457.62	-3.90	4.15
Total Purchases	1,711.17		5,079.17	318.11	7,108.45	4.00	4.04
Banking Payable	-	-	-	-	-	0.00	0.00
Additional Energy to be covered for THDC	-	482.98	1.96	-	1.96	5.03	5.09
Reactive Units Receivables	-	-	-	-	-		
Sub-Total	-		1.96	-	1.96	0.04	0.04
State Consumption	1,711.17		5,081.13	318.11	7,110.41	4.12	4.17
PSP Charges							
Fixed charges for THDC - PSP		530.00	10.60	-	10.60		0.58
Transmission Charges							
PGCIL							
POC Charges	710.62				710.62		
Sub-Total	710.62		-	-	710.62		
PTCUL + SLDC							
PTCUL	380.60				380.60		
Sub-Total	380.60		-	-	380.60		
Total Transmission charges	1,091.22		-	-	1,091.22		
Total Power Purchase Cost (inc trans)	2,802.39		5,091.73	318.11	8,212.24	4.76	4.81

* Provide separately for actuals for first half of the current year and estimates for second half of the current year

Ensuing Year (FY 2025-26)

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
NHPC							
Salal	4.18	77.70	2.99	4.29	11.46	3.10	3.14
Tanakpur	5.36	247.60	3.02	2.38	10.76	9.19	9.29
Chamera I	6.91	111.73	7.76	0.99	15.67	2.35	2.37
Chamera II	5.22	120.50	3.26	0.09	8.56	3.30	3.33
Chamera III	14.74	208.80	11.20	0.01	25.94	5.04	5.09
Uri	9.42	95.60	8.30	7.08	24.80	2.98	3.01
Dhauliganga	11.53	128.00	7.90	5.90	25.34	4.27	4.32
Dulhasti	31.14	232.80	28.12	6.99	66.25	5.71	5.78
Sewa II	9.43	220.60	7.21	0.61	17.25	5.50	5.56
Uri II	17.32	220.70	17.52	7.00	41.84	5.49	5.55
Parbati III	14.98	136.20	3.59	(0.03)	18.54	7.33	7.42
Kishnaganga	7.52	238.80	6.01	0.41	13.94	5.77	5.83
Sub-Total	137.75		106.89	35.72	280.37	4.61	4.66
SJVNL							
Nathpa Jhakri	16.29	120.30	9.47	0.93	26.69	3.53	3.57
Rampur Equity Power	56.87	208.10	45.31	2.65	104.83	5.01	5.07
Rampur Free Power	-	-	-	-	-		
Sub-Total	73.16		54.78	3.58	131.52	4.62	4.67
THDC							
Tehri HEP I	26.48	211.50	26.28	10.41	63.17	5.30	5.35
Koteshwar	24.02	274.60	21.94	8.03	53.99	7.04	7.12
Sub-Total	50.50		48.22	18.44	117.16	5.98	6.04

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
NTPC							
Singrauli	54.21	169.94	128.00	4.52	186.73	2.58	2.61
F G Unchahar-I	24.02	384.48	52.94	18.95	95.92	7.26	7.34
F G Unchahar-2	13.69	369.14	32.19	5.12	51.01	6.09	6.16
F G Unchahar-3	11.89	349.01	25.65	6.38	43.92	6.22	6.29
F G Unchahar-4	40.55	356.16	50.23	6.71	97.49	7.20	7.28
N C T Dadri:2	5.91	429.49	8.04	0.21	14.16	7.88	7.97
Rihand-1 STPS	26.05	164.58	50.80	0.79	77.64	2.62	2.65
Rihand-2 STPS	22.17	163.65	47.38	2.66	72.21	2.60	2.63
Rihand-3 STPS	47.51	161.76	53.49	2.51	103.51	3.26	3.30
Kahalgaoon-II	18.11	247.56	48.62	0.93	67.66	3.59	3.63
Jhajjar Aravali	23.20	432.37	44.90	8.37	76.47	7.67	7.76
Singrauli SHEP	-	504.00	0.33	0.00	0.33	5.25	5.31
Koldam (Hydro)	60.91	222.50	45.76	0.65	107.32	5.44	5.50
TANDA-II	45.74	317.69	84.02	7.92	137.68	5.42	5.48
Anta Gas	13.23	1,228.53	4.25	2.96	20.43	61.58	62.26
Auraiya Gas	24.54	1,231.59	5.94	0.33	30.81	66.53	67.27
Dadri Gas	19.97	1,198.40	12.01	0.16	32.14	33.41	33.78
Telangana stps-1	26.25	339.80	113.54	-	139.79	4.36	4.41
Jhanor_Gandhar Gas Stn ABT-5	0.00	1,136.89	-	-	0.00		
Sub-Total	477.95		808.11	69.18	1,355.24	4.33	4.37
NPCIL							
Narora APP	-	297.14	43.59	2.30	45.89	3.26	3.29
Rajasthan APP	-	374.04	71.80	4.17	75.97	4.12	4.17
Sub-Total	-		115.39	6.47	121.87	3.75	3.79
Total CSGS	739.36		1,133.39	133.39	2,006.14	4.41	4.46
UJVNL							
Large Hydro							
Dhakrani	10.32	91.90	8.41	4.16	22.88	2.50	2.53
Dhalipur	18.44	135.40	17.73	0.81	36.97	2.82	2.86
Chibro	39.76	73.70	43.94	26.25	109.94	1.84	1.86
Khodri	22.47	90.20	25.72	13.14	61.33	2.15	2.17
Kulhal	12.43	105.00	11.57	0.46	24.46	2.22	2.24

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Ramganga	30.37	98.30	34.48	14.07	78.92	2.25	2.27
Tiloth	47.93	96.40	41.44	18.71	108.09	2.51	2.54
Chilla	52.25	94.70	70.74	35.69	158.68	2.12	2.15
Khatima	22.74	97.50	20.51	9.47	52.72	2.51	2.53
Vyasi Hydro Power Project		760.00	250.01	-	250.01	7.60	7.68
Sub-Total	256.69		524.55	122.75	904.00	2.76	2.79
Maneri Bhali II	103.52	81.00	100.32	52.67	256.51	2.07	2.09
Small Hydro							
Mohd. Pur	-	204.00	9.68	1.70	11.38	2.40	2.42
Pathri	-	153.00	16.99	4.44	21.43	1.93	1.95
Dunao SHP 1.5 MW	-	668.85	2.20	-	2.20	6.69	6.69
Pilangad	-	345.00	2.82	-	2.82	3.45	3.45
Kaliganga-II	-	633.00	10.18	-	10.18	6.33	6.33
Urgam	-	195.00	1.34	0.28	1.61	2.35	2.35
Galogi	-	125.00	0.98	0.31	1.30	1.65	1.65
Kaliganga-I	-	445.00	6.47	-	6.47	4.45	4.45
Sub-Total	-		50.65	6.73	57.37	2.67	2.69
Total UJVNL	360.22		675.51	182.15	1,217.88	2.57	2.60
UREDA							
SHPs							
Ramgarh	-	303.82	0.04	-	0.04	3.04	3.04
Barar + Garaun	-	378.00	0.34	-	0.34	3.78	3.78
Taleshwar	-	378.00	0.35	-	0.35	3.78	3.78
Chharandev	-	378.00	0.21	-	0.21	3.78	3.78
Janki Chatti	-	378.00	0.01	-	0.01	3.78	3.78
Harsil	-	378.00	0.07	-	0.07	3.78	3.78
Badrinath	-	307.00	0.26	-	0.26	3.07	3.07
Pandukeshwar	-	378.00	0.18	-	0.18	3.78	3.78
Rudragaira	-	378.00	0.06	-	0.06	3.78	3.78
Istargaad	-	378.00	0.02	-	0.02	3.78	3.78
Kedarganga	-	378.00	0.04	-	0.04	3.78	3.78
Sub Total	-		1.56	-	1.56	3.62	3.62

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Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
UREDA Solar							
Solar Plant Dehra Dun	-	348.89	0.10	-	0.10	3.49	3.49
Sub Total	-		0.10	-	0.10	3.49	3.49
UREDA Biomass							
Avni Bio Energy	-				-		
Sub-Total	-		-	-	-		
IPP Hydro							
Rajwakti Him Urja SHP	-	204.57	4.20	(0.31)	3.88	1.89	1.89
Greenko Budhil Hydro Power Pvt Ltd	40.65	174.90	39.41	-	80.06	3.70	3.74
Debal ,chamoli hydro	-	380.00	6.94	0.09	7.03	3.85	3.85
Loharkhet (parvatiya power)	-	380.00	4.54	0.06	4.60	3.85	3.85
Gunsola Hydro Agunda Thati	-	440.00	5.38	0.06	5.45	4.45	4.45
Bhilangana(Swasti)	-	380.00	32.27	0.42	32.69	3.85	3.85
Vanala	-	508.00	25.01	0.36	25.38	5.15	5.15
Motighat	-	789.70	16.31	0.02	16.33	7.91	7.91
Birahi Ganga	-	345.00	6.77	0.10	6.87	3.50	3.50
Tanga (HHPL)	-	777.66	13.48	-	13.48	7.78	7.78
Sarju II	-	587.00	18.93	-	18.93	5.87	5.87
Uttar Bharat Sarju III	-	577.00	14.03	-	14.03	5.77	5.77
Gangani	-	477.00	19.36	0.69	20.05	4.94	4.94
Badiyar	-	504.00	7.41	-	7.41	5.04	5.04
Sub-Total	40.65		214.05	1.49	256.19	4.39	4.41
Co-Generation							
RBNS Sugar Mill	7.43	399.00	16.61	-	24.04	5.78	5.84
Uttam Sugar Mills	10.91	368.00	15.10	-	26.01	6.34	6.41
Dhanashree Agro/Lakshmi Sugar Mills	9.09	399.00	16.66	(1.40)	24.34	5.83	5.90
Sub-Total	27.43		48.36	(1.40)	74.39	5.98	6.05
Gas							
Gama	96.17	781.32	285.61	-	381.78	10.44	10.56
Shravanti	269.56	782.52	572.11	-	841.67	11.51	11.64
Sub-Total	365.73		857.72	-	1,223.45	11.16	11.28

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paísa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Solar							
RV Akash Ganga solar power ltd	-	566.50	1.27	0.03	1.30	5.79	5.79
Metro Frozen	-	566.50	0.50	0.01	0.51	5.79	5.79
Jay Ace Technologies	-	566.50	1.40	-	1.40	5.67	5.67
UJVNL (1.466) Dhakrani	-	775.00	1.94	-	1.94	7.75	7.75
UJVNL (4.398)khodari	-	780.00	5.16	-	5.16	7.80	7.80
Redwoods	-	678.83	0.94	-	0.94	6.79	6.79
Madhav Infra	-	774.00	13.96	0.22	14.17	7.86	7.86
Purshotam Industries Ltd.- @7.71	-	773.00	1.24	0.00	1.25	7.75	7.75
Purshotam Industries Ltd.- @7.73	-	771.00	1.07	0.00	1.07	7.73	7.73
Purshotam Ispat- @7.96	-	788.00	1.44	0.00	1.44	7.90	7.90
Vivaan Solar Pvt. Ltd.	-	793.00	4.41	0.01	4.42	7.95	7.95
Eastman International	-	799.00	0.75	0.00	0.75	8.01	8.01
Purshotam Ispat-II @7.88	-	796.00	0.98	0.00	0.99	7.98	7.98
R.C. Energy	-	798.00	1.21	-	1.21	7.98	7.98
Advika Energy	-	756.00	1.19	-	1.19	7.56	7.56
A.R. Solar Power @5.670	-	567.00	0.79	0.00	0.79	5.69	5.69
A.R. Solar Power- @5.690	-	569.00	0.82	0.00	0.83	5.71	5.71
Devishi Renewal energy	-	558.00	12.08	0.13	12.21	5.64	5.64
Devishi Solar power	-	563.00	12.23	0.13	12.36	5.69	5.69
Eminet Solar power	-	578.00	11.84	0.12	11.96	5.84	5.84
Sunworld Energy pvt	-	578.00	11.39	0.12	11.51	5.84	5.84
Electryone/Emami Power Ltd.	-	574.00	15.50	0.32	15.83	5.86	5.86
Hydro Power Engineers	-	567.00	0.70	0.00	0.70	5.69	5.69
Impex India	-	560.00	1.98	0.01	1.99	5.62	5.62
Technique Solaire Invest	-	575.00	4.12	0.09	4.20	5.87	5.87
Makin Developers Pvt. Ltd	-	597.00	0.88	0.00	0.89	5.99	5.99
Ballupur solar power pvt.Ltd	-	582.00	8.50	0.03	8.52	5.84	5.84
Chudiala Solar power project pvt.	-	591.00	8.68	0.03	8.71	5.93	5.93
Shakumbhari solar power project pvt Ltd	-	595.00	8.84	0.03	8.87	5.97	5.97
Bindookharak solar power project pvt Ltd	-	593.00	4.50	0.01	4.51	5.95	5.95
Bhagwanpur solar projects private ltd	-	598.00	4.49	0.01	4.51	6.00	6.00
PL sunrays power limited	-	599.00	9.96	0.20	10.16	6.11	6.11

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
PL surya vidyut ltd	-	564.00	9.25	0.20	9.45	5.76	5.76
PL solar Renewable ltd	-	584.00	9.73	0.20	9.93	5.96	5.96
Haridwar solar projects pvt ltd @5.57	-	557.00	8.29	0.03	8.32	5.59	5.59
Haridwar solar projects pvt ltd @5.58	-	558.00	8.38	0.03	8.41	5.60	5.60
Sunheti solar power proj pvt ltd	-	599.00	4.25	0.09	4.34	6.11	6.11
AB Renewable Energy pvt ltd	-	579.00	4.30	0.09	4.39	5.91	5.91
Canal Bank Solar pv plant Dhakrani	-	688.00	6.62	-	6.62	6.88	6.88
Canal Bank Solar pv plant Dhalipur	-	688.00	6.69	-	6.69	6.88	6.88
Canal Top Solar pv plant Dhalipur	-	714.00	0.84	-	0.84	7.14	7.14
Dakpatthar canal Bank (4.5 MW)	-	719.00	4.06	-	4.06	7.19	7.19
Sub-Total	-		217.20	2.14	219.34	6.16	6.16
Solar Rooftop							
Solar PV Plant (203 MW Scheme)	-	437.24	75.85	-	75.85	4.37	4.37
Solar Roof-Top	-	343.84	2.92	-	2.92	3.44	3.44
Sub-Total	-		78.76	-	78.76	4.33	4.33
Other Large Private							
Meja Urja Nigam (P) Ltd.	58.73	296.96	67.79	3.88	130.40	5.95	6.02
Renew Surya Vihaan Pvt. Ltd.	-	244.00	42.75	-	42.75	2.54	2.57
ReNew Surya Roshni Pvt. Ltd.	-	295.00	206.74	-	206.74	3.07	3.11
Sasan	10.90	114.95	82.95	12.86	106.70	1.54	1.56
Sub-Total	69.63		400.22	16.74	486.59	2.78	2.81
Total IPP	503.44		1,817.98	18.97	2,340.38	5.71	5.76
Upcoming Stations							
Madhmaheshwar (15 MW)_UJVN		754.00	39.63	-	39.63	7.54	7.62
SJVN Ltd Solar (200 MW)50 MW in 23-24		257.00	70.78	-	70.78	2.68	2.68
MSSY_250 MW in three Years		464.00	115.84	-	115.84	4.64	4.64
UJVNL_SOLAR		446.00	4.64	-	4.64	4.46	4.46
UJVNL_SOLAR		446.00	7.05	-	7.05	4.46	4.46
UJVNL_SOLAR		446.00	0.93	-	0.93	4.46	4.46
UJVNL_SOLAR		446.00	21.71	-	21.71	4.46	4.46
Khurja Super thermal power plant		361.00	128.10	-	128.10	3.76	3.80
Sub-Total	-		388.68	-	388.68	3.95	3.97

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
State Royalty Power							
Dhauliganga		222.72	29.87	-	29.87	2.23	2.25
Tanakpur		222.72	10.87	-	10.87	2.23	2.25
Tehri		222.72	86.56	-	86.56	2.32	2.35
Koteshwar		222.72	32.23	-	32.23	2.32	2.35
Vishnu Prayag		222.72	44.80	-	44.80	2.32	2.35
GVK Srinagar		222.72	36.10	-	36.10	2.32	2.35
Rajwakti Him Urja SHP		232.00	0.53	-	0.53	2.42	2.44
Debal Chamoli Hydro		232.00	0.36	-	0.36	2.32	2.35
Loharkhet (parvatiya power)		232.00	0.41	-	0.41	2.32	2.35
LADF		232.00	1.91	-	1.91	2.32	2.35
Naptha mori		222.72	12.90	-	12.90	2.32	2.35
Vanala		232.00	1.27	-	1.27	2.32	2.35
Gunsola		232.00	0.32	-	0.32	2.32	2.35
Swasti		232.00	2.19	-	2.19	2.32	2.35
Lnt Free Power(Renew)		232.00	12.00	-	12.00	2.32	2.35
Sub-Total	-	4333.76	272.31	-	272.31	2.31	2.33
Total Power Purchase from Firm Sour	1,603.02		4,287.87	334.51	6,225.39	4.00	4.04
Open Market Purchases & UI							
Unallocated Power	-		0.00	-	-		
Banking Received	-		0.00	-	-	0.00	0.00
UI Net drawal	-		0.00	-	-		
Tender Purchases	-		0.00	-	-		
IEX/PXIL (Net Purchases)	-	482.98	1,243.44	-	1,243.44	4.93	4.98
Reactive Payables	-		0.00	-	-		
Sub-Total	-	482.98	1,243.44	-	1,243.44	4.93	3.93
Total Purchases	1,603.02		5,531.31	334.51	7,468.83	3.98	4.03
Banking Payable	-	-	-	-	-	0.00	0.00
Additional Energy to be covered for THDC	-	482.98	40.36		40.36	5.03	5.09
Reactive Units Receivables	-	-	-	-	-		
Sub-Total	-		40.36	-	40.36	0.51	0.51

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
State Consumption	1,603.02		5,571.67	334.51	7,509.19	4.15	4.19
PSP Charges							
Fixed charges for THDC - PSP		530.00	218.51	-	218.51		
Transmission Charges							
PGCIL							
POC Charges	782.97				782.97		
Non POC					-		
POSOCO NRLDC					-		
Open Access Charges + MARGIN CHARGES FOR RETURN OF BANKED POWER					-		
Sub-Total	782.97		-	-	782.97		
PTCUL + SLDC							
PTCUL	392.02				392.02		
Sub-Total	392.02		-	-	392.02		
Total Transmission charges	1,174.99		-	-	1,174.99		
Total Power Purchase Cost (inc trans	2,778.01		5,790.17	334.51	8,902.69	4.92	4.97

Ensuing Year (FY 2026-27)

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
NHPC							
Salal	4.18	77.70	2.99	4.29	11.46	3.10	3.14
Tanakpur	5.36	247.60	3.02	2.38	10.76	9.19	9.29

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Chamera I	6.91	111.73	7.76	0.99	15.67	2.35	2.37
Chamera II	5.22	120.50	3.26	0.09	8.56	3.30	3.33
Chamera III	14.74	208.80	11.20	0.01	25.94	5.04	5.09
Uri	9.42	95.60	8.30	7.08	24.80	2.98	3.01
Dhauliganga	11.53	128.00	7.90	5.90	25.34	4.27	4.32
Dulhasti	31.14	232.80	28.12	6.99	66.25	5.71	5.78
Sewa II	9.43	220.60	7.21	0.61	17.25	5.50	5.56
Uri II	17.32	220.70	17.52	7.00	41.84	5.49	5.55
Parbati III	14.98	136.20	3.59	(0.03)	18.54	7.33	7.42
Kishnaganga	7.52	238.80	6.01	0.41	13.94	5.77	5.83
Sub-Total	137.75		106.89	35.72	280.37	4.61	4.66
SJVNL							
Nathpa Jhakri	16.29	120.30	9.47	0.93	26.69	3.53	3.57
Rampur Equity Power	56.87	208.10	45.31	2.65	104.83	5.01	5.07
Rampur Free Power	-	-	-	-	-	-	-
Sub-Total	73.16		54.78	3.58	131.52	4.62	4.67
THDC							
Tehri HEP I	26.48	211.50	26.28	10.41	63.17	5.30	5.35
Koteshwar	24.02	274.60	21.94	8.03	53.99	7.04	7.12
Sub-Total	50.50		48.22	18.44	117.16	5.98	6.04
NTPC							
Singrauli	54.21	169.94	128.00	4.52	186.73	2.58	2.61
F G Unchahar-I	24.02	384.48	52.94	18.95	95.92	7.26	7.34
F G Unchahar-2	13.69	369.14	32.19	5.12	51.01	6.09	6.16
F G Unchahar-3	11.89	349.01	25.65	6.38	43.92	6.22	6.29
F G Unchahar-4	40.55	356.16	50.23	6.71	97.49	7.20	7.28
N C T Dadri:2	5.91	429.49	8.04	0.21	14.16	7.88	7.97
Rihand-1 STPS	26.05	164.58	50.80	0.79	77.64	2.62	2.65
Rihand-2 STPS	22.17	163.65	47.38	2.66	72.21	2.60	2.63
Rihand-3 STPS	47.51	161.76	53.49	2.51	103.51	3.26	3.30
Kahalgaon-II	18.11	247.56	48.62	0.93	67.66	3.59	3.63

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Jhajjar Aravali	23.20	432.37	44.90	8.37	76.47	7.67	7.76
Singrauli SHEP	-	504.00	0.33	0.00	0.33	5.25	5.31
Koldam (Hydro)	60.91	222.50	45.76	0.65	107.32	5.44	5.50
TANDA-II	45.74	317.69	84.02	7.92	137.68	5.42	5.48
Anta Gas	13.23	1,228.53	4.25	2.96	20.43	61.58	62.26
Auralya Gas	24.54	1,231.59	5.94	0.33	30.81	66.53	67.27
Dadri Gas	19.97	1,198.40	12.01	0.16	32.14	33.41	33.78
Jhanor_Gandhar Gas Stn ABT-5	0.00	1,136.89	-	-	0.00		
Sub-Total	451.70		694.56	69.18	1,215.44	4.32	4.37
NPCIL							
Narora APP	-	297.14	43.59	2.30	45.89	3.26	3.29
Rajasthan APP	-	374.04	71.80	4.17	75.97	4.12	4.17
Sub-Total	-		115.39	6.47	121.87	3.75	3.79
Total CSGS	713.11		1,019.85	133.39	1,866.35	4.42	4.46
UJVNL							
Large Hydro							
Dhakrani	10.32	91.90	8.41	4.16	22.88	2.50	2.53
Dhalipur	18.44	135.40	17.73	0.81	36.97	2.82	2.86
Chibro	39.76	73.70	43.94	26.25	109.94	1.84	1.86
Khodri	22.47	90.20	25.72	13.14	61.33	2.15	2.17
Kulhal	12.43	105.00	11.57	0.46	24.46	2.22	2.24
Ramganga	30.37	98.30	34.48	14.07	78.92	2.25	2.27
Tiloth	47.93	96.40	41.44	18.71	108.09	2.51	2.54
Chilla	52.25	94.70	70.74	35.69	158.68	2.12	2.15
Khatima	22.74	97.50	20.51	9.47	52.72	2.51	2.53
Vyasi Hydro Power Project	-	760.00	250.01	-	250.01	7.60	7.68
Sub-Total	256.69		524.55	122.75	904.00	2.76	2.79
Maneri Bhali II	103.52	81.00	100.32	52.67	256.51	2.07	2.09
Small Hydro							
Mohd. Pur	-	204.00	9.68	1.70	11.38	2.40	2.42
Pathri	-	153.00	16.99	4.44	21.43	1.93	1.95

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Païsa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Dunao SHP 1.5 MW	-	702.29	2.31	-	2.31	7.02	7.02
Pilangad	-	345.00	2.82	-	2.82	3.45	3.45
Kaliganga-II	-	633.00	10.18	-	10.18	6.33	6.33
Urgam	-	195.00	1.34	0.28	1.61	2.35	2.35
Galogi	-	125.00	0.98	0.31	1.30	1.65	1.65
Kaliganga-I	-	445.00	6.47	-	6.47	4.45	4.45
Sub-Total	-		50.76	6.73	57.49	2.67	2.69
Total UJVNL	360.22		675.62	182.15	1,217.99	2.57	2.60
UREDA							
SHPs							
Ramgarh	-	303.82	0.04	-	0.04	3.04	3.04
Barar + Garaun	-	378.00	0.34	-	0.34	3.78	3.78
Taleshwar	-	378.00	0.35	-	0.35	3.78	3.78
Chharandev	-	378.00	0.21	-	0.21	3.78	3.78
Janki Chatti	-	378.00	0.01	-	0.01	3.78	3.78
Harsil	-	378.00	0.07	-	0.07	3.78	3.78
Badrinath	-	307.00	0.26	-	0.26	3.07	3.07
Pandukeshwar	-	378.00	0.18	-	0.18	3.78	3.78
Rudragaira	-	378.00	0.06	-	0.06	3.78	3.78
Istargaad	-	378.00	0.02	-	0.02	3.78	3.78
Kedarganga	-	378.00	0.04	-	0.04	3.78	3.78
Sub Total	-		1.56	-	1.56	3.62	3.62
UREDA Solar							
Solar Plant Dehra Dun	-	348.89	0.10	-	0.10	3.49	3.49
Sub Total	-		0.10	-	0.10	3.49	3.49
UREDA Biomass							
Avni Bio Energy	-				-		
Sub-Total	-		-	-	-		
IPP Hydro							
Rajwakti Him Urja SHP	-	204.57	4.20	(0.31)	3.88	1.89	1.89
Greenko Budhil Hydro Power Pvt Ltd	40.65	174.90	39.41	-	80.06	3.70	3.74
Debal ,chamoli hydro	-	380.00	6.94	0.09	7.03	3.85	3.85
Loharkhet (parvatiya power)	-	380.00	4.54	0.06	4.60	3.85	3.85

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Gunsola Hydro Agunda Thati	-	440.00	5.38	0.06	5.45	4.45	4.45
Bhilangana(Swasti)	-	380.00	32.27	0.42	32.69	3.85	3.85
Vanala	-	508.00	25.01	0.36	25.38	5.15	5.15
Motighat	-	789.70	14.78	0.02	14.80	7.91	7.91
Birahi Ganga	-	345.00	6.22	0.09	6.31	3.50	3.50
Tanga (HHPL)	-	777.66	13.48	-	13.48	7.78	7.78
Sarju II	-	587.00	18.93	-	18.93	5.87	5.87
Uttar Bharat Sarju III	-	577.00	14.03	-	14.03	5.77	5.77
Gangani	-	477.00	19.36	0.72	20.08	4.95	4.95
Badiyar	-	504.00	7.41	-	7.41	5.04	5.04
Sub-Total	40.65		211.97	1.51	254.13	4.39	4.40
Co-Generation							
RBNS Sugar Mill	7.43	399.00	16.61	-	24.04	5.78	5.84
Uttam Sugar Mills	10.91	368.00	15.10	-	26.01	6.34	6.41
Dhanashree Agro/Lakshmi Sugar Mills	9.09	399.00	16.66	(1.40)	24.34	5.83	5.90
Sub-Total	27.43		48.36	(1.40)	74.39	5.98	6.05
Gas							
Gama	96.17	781.32	285.61	-	381.78	10.44	10.56
Shravanti	269.56	782.52	572.11	-	841.67	11.51	11.64
Sub-Total	365.73		857.72	-	1,223.45	11.16	11.28
Solar							
RV Akash Ganga solar power ltd	-	566.50	1.27	0.03	1.30	5.79	5.79
Metro Frozen	-	566.50	0.50	0.01	0.51	5.79	5.79
Jay Ace Technologies	-	566.50	1.40	-	1.40	5.67	5.67
UJVNL (1.466) Dhakrani	-	775.00	1.94	-	1.94	7.75	7.75
UJVNL (4.398)khodari	-	780.00	5.16	-	5.16	7.80	7.80
Redwoods	-	678.83	0.94	-	0.94	6.79	6.79
Madhav Infra	-	774.00	13.96	0.22	14.17	7.86	7.86
Purshotam Industries Ltd.- @7.71	-	773.00	1.24	0.00	1.25	7.75	7.75
Purshotam Industries Ltd.- @7.73	-	771.00	1.07	0.00	1.07	7.73	7.73
Purshotam Ispat- @7.96	-	788.00	1.44	0.00	1.44	7.90	7.90

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Vivaan Solar Pvt. Ltd.	-	793.00	4.41	0.01	4.42	7.95	7.95
Eastman International	-	799.00	0.75	0.00	0.75	8.01	8.01
Purshotam Ispat-II @7.88	-	796.00	0.98	0.00	0.99	7.98	7.98
R.C. Energy	-	798.00	1.21	-	1.21	7.98	7.98
Advika Energy	-	756.00	1.19	-	1.19	7.56	7.56
A.R. Solar Power @5.670	-	567.00	0.79	0.00	0.79	5.69	5.69
A.R. Solar Power- @5.690	-	569.00	0.82	0.00	0.83	5.71	5.71
Devishi Renewal energy	-	558.00	12.08	0.13	12.21	5.64	5.64
Devishi Solar power	-	563.00	12.23	0.13	12.36	5.69	5.69
Eminet Solar power	-	578.00	11.84	0.12	11.96	5.84	5.84
Sunworld Energy pvt	-	578.00	11.39	0.12	11.51	5.84	5.84
Electryone/Emami Power Ltd.	-	574.00	15.50	0.32	15.83	5.86	5.86
Hydro Power Engineers	-	567.00	0.70	0.00	0.70	5.69	5.69
Impex India	-	560.00	1.98	0.01	1.99	5.62	5.62
Technique Solaire Invest	-	575.00	4.12	0.09	4.20	5.87	5.87
Makin Developers Pvt. Ltd	-	597.00	0.88	0.00	0.89	5.99	5.99
Ballapur solar power pvt.Ltd	-	582.00	8.50	0.03	8.52	5.84	5.84
Chudiala Solar power project pvt.	-	591.00	8.68	0.03	8.71	5.93	5.93
Shakumbhari solar power project pvt Ltd	-	595.00	8.84	0.03	8.87	5.97	5.97
Bindookharak solar power project pvt ltd	-	593.00	4.50	0.01	4.51	5.95	5.95
Bhagwanpur solar projects private ltd	-	598.00	4.49	0.01	4.51	6.00	6.00
PL sunrays power limited	-	599.00	9.96	0.20	10.16	6.11	6.11
PL surya vidyut ltd	-	564.00	9.25	0.20	9.45	5.76	5.76
PL solar Renewable ltd	-	584.00	9.73	0.20	9.93	5.96	5.96
Haridwar solar projects pvt ltd @5.57	-	557.00	8.29	0.03	8.32	5.59	5.59
Haridwar solar projects pvt ltd @5.58	-	558.00	8.38	0.03	8.41	5.60	5.60
Sunheti solar power proj pvt ltd	-	599.00	4.25	0.09	4.34	6.11	6.11
AB Renewable Energy pvt ltd	-	579.00	4.30	0.09	4.39	5.91	5.91
Canal Bank Solar pv plant Dhakrani	-	688.00	6.62	-	6.62	6.88	6.88
Canal Bank Solar pv plant Dhalipur	-	688.00	6.69	-	6.69	6.88	6.88
Canal Top Solar pv plant Dhalipur	-	714.00	0.84	-	0.84	7.14	7.14
Dakpatthar canal Bank (4.5 MW)	-	719.00	4.06	-	4.06	7.19	7.19
Sub-Total	-		217.20	2.14	219.34	6.16	6.16

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Solar Rooftop							
Solar PV Plant (203 MW Scheme)	-	437.24	75.85	-	75.85	4.37	4.37
Solar Roof-Top	-	343.84	2.92	-	2.92	3.44	3.44
Sub-Total	-		78.76	-	78.76	4.33	4.33
Other Large Private							
Meja Urja Nigam (P) Ltd.	58.73	296.96	67.79	3.88	130.40	5.95	6.02
Renew Surya Vihaan Pvt. Ltd.	-	244.00	42.75	-	42.75	2.54	2.57
ReNew Surya Roshni Pvt. Ltd.	-	295.00	206.74	-	206.74	3.07	3.11
Sasan	10.90	114.95	82.95	12.86	106.70	1.54	1.56
Sub-Total	69.63		400.22	16.74	486.59	2.78	2.81
Total IPP	503.44		1,815.90	18.99	2,338.33	5.71	5.76
Upcoming Stations							
Madhmaheshwar (15 MW)_UJVN		754.00	39.63	-	39.63	7.54	7.62
Vishnugad Pipalkoti (444 MW)_THDC		287.00	71.40	-	71.40	2.87	2.90
Rayat_Aglar Pvt. Ltd. (6 MW)		754.00	15.85	-	15.85	7.54	7.62
SJVN Ltd_Solar (200 MW)50 MW in 23-24		257.00	85.55	-	85.55	2.68	2.71
MSSY_250 MW in three Years		464.00	193.07	-	193.07	4.64	4.64
UJVNL_SOLAR		446.00	4.64	-	4.64	4.46	4.46
UJVNL_SOLAR		446.00	7.05	-	7.05	4.46	4.46
UJVNL_SOLAR		446.00	0.93	-	0.93	4.46	4.46
UJVNL_SOLAR		446.00	21.71	-	21.71	4.46	4.46
UJVNL_SOLAR		446.00	33.22	-	33.22	4.46	4.46
Khurja Super thermal power plant		361.00	139.24	-	139.24	3.76	3.80
Sub-Total	-		612.29	-	612.29	3.88	3.90
State Royalty Power							
Dhauliganga		222.72	29.87	-	29.87	2.23	2.25
Tanakpur		222.72	10.87	-	10.87	2.23	2.25
Tehri		222.72	86.56	-	86.56	2.32	2.35
Koteshwar		222.72	32.23	-	32.23	2.32	2.35
Vishnu Prayag		222.72	44.80	-	44.80	2.32	2.35
GVK Srinagar		222.72	36.10	-	36.10	2.32	2.35
Rajwakti Him Urja SHP		232.00	0.53	-	0.53	2.42	2.44

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Debal Chamoli Hydro		232.00	0.36	-	0.36	2.32	2.35
Loharkhet (parvatiya power)		232.00	0.41	-	0.41	2.32	2.35
LADF		232.00	1.91	-	1.91	2.32	2.35
Naptha mori		222.72	12.90	-	12.90	2.32	2.35
Vanala		232.00	1.27	-	1.27	2.32	2.35
Gunsola		232.00	0.32	-	0.32	2.32	2.35
Swasti		232.00	2.19	-	2.19	2.32	2.35
Birahi Ganga		232.00	0.37	-	0.37	2.32	2.35
Motighat		232.00	0.45	-	0.45	2.32	2.35
Int Free Power(Renew)		232.00	12.00	-	12.00	2.32	2.35
Sub-Total	-	4333.76	273.13	-	273.13	2.31	2.33
Total Power Purchase from Firm Sour	1,576.77		4,396.79	334.53	6,308.09	3.99	4.03
Open Market Purchases & UI							

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Unallocated Power	-		0.00	-	-		
Banking Received	-		0.00	-	-	0.00	0.00
UI Net drawal	-		0.00	-	-		
Tender Purchases	-		0.00	-	-		
IEX/PXIL (Net Purchases)	-	482.98	1,466.05	-	1,466.05	4.93	4.98
Reactive Payables	-		0.00	-	-		
Sub-Total	-	482.98	1,466.05	-	1,466.05	4.02	4.06
Total Purchases	1,576.77		5,862.84	334.53	7,774.13	3.99	4.03
Banking Payable	-	-	-	-	-	0.00	0.00
Additional Energy to be covered for THDC	-	482.98	48.46		48.46	5.03	5.09
	-	-	-		-		
Reactive Units Receivables	-	-	-	-	-		
Sub-Total	-		48.46	-	48.46	0.60	0.60
State Consumption	1,576.77		5,911.30	334.53	7,822.59	4.15	4.19
PSP Charges							
Fixed charges for THDC - PSP		530.00	262.35	-	262.35		
Transmission Charges							
PGCIL							
POC Charges	787.26				787.26		
Sub-Total	787.26		-	-	787.26		
PTCUL + SLDC							
PTCUL	403.78				403.78		
Sub-Total	403.78		-	-	403.78		
Total Transmission charges	1,191.04		-	-	1,191.04		
Total Power Purchase Cost (inc trans	2,767.81		6,173.65	334.53	9,275.98	4.92	4.97

Ensuing Year (n+3)

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
NHPC							
Salal	4.18	77.70	2.99	4.29	11.46	3.10	3.14
Tanakpur	5.36	247.60	3.02	2.38	10.76	9.19	9.29
Chamera I	6.91	111.73	7.76	0.99	15.67	2.35	2.37
Chamera II	5.22	120.50	3.26	0.09	8.56	3.30	3.33
Chamera III	14.74	208.80	11.20	0.01	25.94	5.04	5.09
Uri	9.42	95.60	8.30	7.08	24.80	2.98	3.01
Dhauliganga	11.53	128.00	7.90	5.90	25.34	4.27	4.32
Dulhasti	31.14	232.80	28.12	6.99	66.25	5.71	5.78
Sewa II	9.43	220.60	7.21	0.61	17.25	5.50	5.56
Uri II	17.32	220.70	17.52	7.00	41.84	5.49	5.55
Parbati III	14.98	136.20	3.59	(0.03)	18.54	7.33	7.42
Kishnaganga	7.52	238.80	6.01	0.41	13.94	5.77	5.83
Sub-Total	137.75		106.89	35.72	280.37	4.61	4.66
SJVNL							
Nathpa Jhakri	16.29	120.30	9.47	0.93	26.69	3.53	3.57
Rampur Equity Power	56.87	208.10	45.31	2.65	104.83	5.01	5.07
Sub-Total	73.16		54.78	3.58	131.52	4.62	4.67
THDC							
Tehri HEP I	26.48	211.50	26.28	10.41	63.17	5.30	5.35
Koteshwar	24.02	274.60	21.94	8.03	53.99	7.04	7.12
Sub-Total	50.50		48.22	18.44	117.16	5.98	6.04
NTPC							

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisha/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Singrauli	54.21	169.94	128.00	4.52	186.73	2.58	2.61
F G Unchahar-I	24.02	384.48	52.94	18.95	95.92	7.26	7.34
F G Unchahar-2	13.69	369.14	32.19	5.12	51.01	6.09	6.16
F G Unchahar-3	11.89	349.01	25.65	6.38	43.92	6.22	6.29
F G Unchahar-4	40.55	356.16	50.23	6.71	97.49	7.20	7.28
N C T Dadri:2	5.91	429.49	8.04	0.21	14.16	7.88	7.97
Rihand-1 STPS	26.05	164.58	50.80	0.79	77.64	2.62	2.65
Rihand-2 STPS	22.17	163.65	47.38	2.66	72.21	2.60	2.63
Rihand-3 STPS	47.51	161.76	53.49	2.51	103.51	3.26	3.30
Kahalgaon-II	18.11	247.56	48.62	0.93	67.66	3.59	3.63
Jhajjar Aravali	23.20	432.37	44.90	8.37	76.47	7.67	7.76
Singrauli SHEP	-	504.00	0.33	0.00	0.33	5.25	5.31
Koldam (Hydro)	60.91	222.50	45.76	0.65	107.32	5.44	5.50
TANDA-II	45.74	317.69	84.02	7.92	137.68	5.42	5.48
Anta Gas	13.23	1,228.53	4.25	2.96	20.43	61.58	62.26
Auraiya Gas	24.54	1,231.59	5.94	0.33	30.81	66.53	67.27
Dadri Gas	19.97	1,198.40	12.01	0.16	32.14	33.41	33.78
Jhanor_Gandhar Gas Stn ABT-5	0.00	1,136.89	-	-	0.00		
Sub-Total	451.70		694.56	69.18	1,215.44	4.32	4.37
NPCIL							
Narora APP	-	297.14	43.59	2.30	45.89	3.26	3.29
Rajasthan APP	-	374.04	71.80	4.17	75.97	4.12	4.17
Sub-Total	-		115.39	6.47	121.87	3.75	3.79
Total CSGS	713.11		1,019.85	133.39	1,866.35	4.42	4.46
UJVNL							
Large Hydro							
Dhakrani	10.32	91.90	8.41	4.16	22.88	2.50	2.53
Dhalipur	18.44	135.40	17.73	0.81	36.97	2.82	2.86
Chibro	39.76	73.70	43.94	26.25	109.94	1.84	1.86
Khodri	22.47	90.20	25.72	13.14	61.33	2.15	2.17
Kulhal	12.43	105.00	11.57	0.46	24.46	2.22	2.24
Ramganga	30.37	98.30	34.48	14.07	78.92	2.25	2.27
Tiloth	47.93	96.40	41.44	18.71	108.09	2.51	2.54

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Chilla	52.25	94.70	70.74	35.69	158.68	2.12	2.15
Khatima	22.74	97.50	20.51	9.47	52.72	2.51	2.53
Vyasi Hydro Power Project		760.00	250.01	-	250.01	7.60	7.68
Sub-Total	256.69		524.55	122.75	904.00	2.76	2.79
Maneri Bhali II	103.52	81.00	100.32	52.67	256.51	2.07	2.09
Small Hydro							
Mohd. Pur	-	204.00	9.68	1.70	11.38	2.40	2.42
Pathri	-	153.00	16.99	4.44	21.43	1.93	1.95
Dunao SHP 1.5 MW	-	737.41	2.42	-	2.42	7.37	7.37
Pilangad	-	345.00	2.82	-	2.82	3.45	3.45
Kaliganga-II	-	633.00	10.18	-	10.18	6.33	6.33
Urgam	-	195.00	1.34	0.28	1.61	2.35	2.35
Galogi	-	125.00	0.98	0.31	1.30	1.65	1.65
Kaliganga-I	-	445.00	6.47	-	6.47	4.45	4.45
Sub-Total	-		50.87	6.73	57.60	2.68	2.70
Total UJVNL	360.22		675.74	182.15	1,218.11	2.57	2.60
UREDA							
SHPs							
Ramgarh	-	303.82	0.04	-	0.04	3.04	3.04
Barar + Garaun	-	378.00	0.34	-	0.34	3.78	3.78
Taleshwar	-	378.00	0.35	-	0.35	3.78	3.78
Chharandev	-	378.00	0.21	-	0.21	3.78	3.78
Janki Chatti	-	378.00	0.01	-	0.01	3.78	3.78
Harsil	-	378.00	0.07	-	0.07	3.78	3.78
Badrinath	-	307.00	0.26	-	0.26	3.07	3.07
Pandukeshwar	-	378.00	0.18	-	0.18	3.78	3.78
Rudragaira	-	378.00	0.06	-	0.06	3.78	3.78
Istargaad	-	378.00	0.02	-	0.02	3.78	3.78
Kedarganga	-	378.00	0.04	-	0.04	3.78	3.78
Sub Total	-		1.56	-	1.56	3.62	3.62
UREDA Solar							
Solar Plant Dehra Dun	-	348.89	0.10	-	0.10	3.49	3.49

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Sub Total	-		0.10	-	0.10	3.49	3.49
UREDA Biomass							
Avni Bio Energy	-				-		
Sub-Total	-		-	-	-		
IPP Hydro							
Rajwakti Him Urja SHP	-	204.57	4.20	(0.31)	3.88	1.89	1.89
Greenko Budhil Hydro Power Pvt Ltd	40.65	174.90	39.41	-	80.06	3.70	3.74
Debal ,chamoli hydro	-	380.00	6.94	0.09	7.03	3.85	3.85
ToharKhet (parvatiya power)	-	380.00	4.54	0.06	4.60	3.85	3.85
Gunsola Hydro Agunda Thati	-	440.00	5.38	0.06	5.45	4.45	4.45
Bhilangana(Swasti)	-	380.00	32.27	0.42	32.69	3.85	3.85
Vanala	-	508.00	25.01	0.36	25.38	5.15	5.15
Motighat	-	789.70	14.68	0.02	14.69	7.91	7.91
Birahi Ganga	-	345.00	6.09	0.09	6.18	3.50	3.50
Tanga (HHPL)	-	777.66	13.48	-	13.48	7.78	7.78
Sarju II	-	587.00	18.93	-	18.93	5.87	5.87
Uttar Bharat Sarju III	-	577.00	14.03	-	14.03	5.77	5.77
Gangani	-	477.00	19.36	0.76	20.12	4.96	4.96
Badiyar	-	504.00	7.41	-	7.41	5.04	5.04
Sub-Total	40.65		211.74	1.55	253.94	4.39	4.40
Co-Generation							
RBNS Sugar Mill	7.43	399.00	16.61	-	24.04	5.78	5.84
Uttam Sugar Mills	10.91	368.00	15.10	-	26.01	6.34	6.41
Dhanashree Agro/Lakshmi Sugar Mills	9.09	399.00	16.66	(1.40)	24.34	5.83	5.90
Sub-Total	27.43		48.36	(1.40)	74.39	5.98	6.05
Gas							
Gama	96.17	781.32	285.61	-	381.78	10.44	10.56
Shravanti	269.56	782.52	572.11	-	841.67	11.51	11.64
Sub-Total	365.73		857.72	-	1,223.45	11.16	11.28
Solar							

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
RV Akash Ganga solar power ltd	-	566.50	1.27	0.03	1.30	5.79	5.79
Metro Frozen	-	566.50	0.50	0.01	0.51	5.79	5.79
Jay Ace Technologies	-	566.50	1.40	-	1.40	5.67	5.67
UJVNL (1.466) Dhakrani	-	775.00	1.94	-	1.94	7.75	7.75
UJVNL (4.398)khodari	-	780.00	5.16	-	5.16	7.80	7.80
Redwoods	-	678.83	0.94	-	0.94	6.79	6.79
Madhav Infra	-	774.00	13.96	0.22	14.17	7.86	7.86
Purshotam Industries Ltd.- @7.71	-	773.00	1.24	0.00	1.25	7.75	7.75
Purshotam Industries Ltd.- @7.73	-	771.00	1.07	0.00	1.07	7.73	7.73
Purshotam Ispat- @7.96	-	788.00	1.44	0.00	1.44	7.90	7.90
Vivaan Solar Pvt. Ltd.	-	793.00	4.41	0.01	4.42	7.95	7.95
Eastman International	-	799.00	0.75	0.00	0.75	8.01	8.01
Purshotam Ispat-II @7.88	-	796.00	0.98	0.00	0.99	7.98	7.98
R.C. Energy	-	798.00	1.21	-	1.21	7.98	7.98
Advika Energy	-	756.00	1.19	-	1.19	7.56	7.56
A.R. Solar Power @5.670	-	567.00	0.79	0.00	0.79	5.69	5.69
A.R. Solar Power- @5.690	-	569.00	0.82	0.00	0.83	5.71	5.71
Devishi Renewal energy	-	558.00	12.08	0.13	12.21	5.64	5.64
Devishi Solar power	-	563.00	12.23	0.13	12.36	5.69	5.69
Eminet Solar power	-	578.00	11.84	0.12	11.96	5.84	5.84
Sunworld Energy pvt	-	578.00	11.39	0.12	11.51	5.84	5.84
Electryone/Emami Power Ltd.	-	574.00	15.50	0.32	15.83	5.86	5.86
Hydro Power Engineers	-	567.00	0.70	0.00	0.70	5.69	5.69
Impex India	-	560.00	1.98	0.01	1.99	5.62	5.62
Technique Solaire Invest	-	575.00	4.12	0.09	4.20	5.87	5.87
Makin Developers Pvt. Ltd	-	597.00	0.88	0.00	0.89	5.99	5.99
Ballupur solar power pvt.Ltd	-	582.00	8.50	0.03	8.52	5.84	5.84
Chudiala Solar power project pvt.	-	591.00	8.68	0.03	8.71	5.93	5.93
Shakumbhari solar power project pvt Ltd	-	595.00	8.84	0.03	8.87	5.97	5.97
Bindookharak solar power project pvt Ltd	-	593.00	4.50	0.01	4.51	5.95	5.95
Bhagwanpur solar projects private ltd	-	598.00	4.49	0.01	4.51	6.00	6.00
PL sunrays power limited	-	599.00	9.96	0.20	10.16	6.11	6.11
PL surya vidyut ltd	-	564.00	9.25	0.20	9.45	5.76	5.76
PL solar Renewable ltd	-	584.00	9.73	0.20	9.93	5.96	5.96

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Haridwar solar projects pvt ltd @5.57	-	557.00	8.29	0.03	8.32	5.59	5.59
Haridwar solar projects pvt ltd @5.58	-	558.00	8.38	0.03	8.41	5.60	5.60
Sunheti solar power proj pvt ltd	-	599.00	4.25	0.09	4.34	6.11	6.11
AB Renewable Energy pvt ltd	-	579.00	4.30	0.09	4.39	5.91	5.91
Canal Bank Solar pv plant Dhakrani	-	688.00	6.62	-	6.62	6.88	6.88
Canal Bank Solar pv plant Dhalipur	-	688.00	6.69	-	6.69	6.88	6.88
Canal Top Solar pv plant Dhalipur	-	714.00	0.84	-	0.84	7.14	7.14
Dakpatthar canal Bank (4.5 MW)	-	719.00	4.06	-	4.06	7.19	7.19
Sub-Total	-		217.20	2.14	219.34	6.16	6.16
Solar Rooftop							
Solar PV Plant (203 MW Scheme)	-	437.24	75.85	-	75.85	4.37	4.37
Solar Roof-Top	-	343.84	2.92	-	2.92	3.44	3.44
Sub-Total	-		78.76	-	78.76	4.33	4.33
Other Large Private							
Meja Urja Nigam (P) Ltd.	58.73	296.96	67.79	3.88	130.40	5.95	6.02
Renew Surya Vihaan Pvt. Ltd.	-	244.00	42.75	-	42.75	2.54	2.57
ReNew Surya Roshni Pvt. Ltd.	-	295.00	206.74	-	206.74	3.07	3.11
Sasan	10.90	114.95	82.95	12.86	106.70	1.54	1.56
Sub-Total	69.63		400.22	16.74	486.59	2.78	2.81
Total IPP	503.44		1,815.67	19.03	2,338.13	5.71	5.76
Upcoming Stations							
Madhmaheshwar (15 MW)_UJVN		754.00	39.63	-	39.63	7.54	7.62
Vishnugad Pipalkoti (444 MW)_THDC		287.00	71.40	-	71.40	2.87	2.90
Rayat_Aglar Pvt. Ltd. (6 MW)		754.00	15.85	-	15.85	7.54	7.62
Guptkashi(1.5 MW)_UJVN		796.00	4.18	-	4.18	7.96	8.05
Tapovan (2 MW)_UJVN		796.00	5.58	-	5.58	7.96	8.05
Khutani_Shayam Power (21 MW)		714.00	52.54	-	52.54	7.14	7.22
Tankul (12 MW)_UJVN		754.00	31.71	-	31.71	7.54	7.62
SJVN Ltd_Solar (200 MW)50 MW in 23-24		257.00	85.55	-	85.55	2.68	2.71
MSSY_250 MW in three Years		464.00	193.07	-	193.07	4.64	4.64
UJVNL_SOLAR		446.00	4.64	-	4.64	4.46	4.46
UJVNL_SOLAR		446.00	7.05	-	7.05	4.46	4.46

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
UJVNL_SOLAR		446.00	0.93	-	0.93	4.46	4.46
UJVNL_SOLAR		446.00	21.71	-	21.71	4.46	4.46
UJVNL_SOLAR		446.00	33.22	-	33.22	4.46	4.46
UJVNL_SOLAR		446.00	13.36	-	13.36	4.46	4.46
Khurja Super thermal power plant		361.00	139.62	-	139.62	3.76	3.80
Sub-Total	-		720.04	-	720.04	4.14	4.17
State Royalty Power							
Dhauliganga		222.72	29.87	-	29.87	2.23	2.25
Tanakpur		222.72	10.87	-	10.87	2.23	2.25
Tehri		222.72	86.56	-	86.56	2.32	2.35
Koteshwar		222.72	32.23	-	32.23	2.32	2.35
Vishnu Prayag		222.72	44.80	-	44.80	2.32	2.35
GVK Srinagar		222.72	36.10	-	36.10	2.32	2.35
Rajwakti Him Urja SHP		232.00	0.53	-	0.53	2.42	2.44
Debal Chamoli Hydro		232.00	0.36	-	0.36	2.32	2.35
Loharkhet (parvatiya power)		232.00	0.41	-	0.41	2.32	2.35
LADF		232.00	1.91	-	1.91	2.32	2.35
Naptha mori		222.72	12.90	-	12.90	2.32	2.35
Vanala		232.00	1.27	-	1.27	2.32	2.35
Gunsola		232.00	0.32	-	0.32	2.32	2.35
Swasti		232.00	2.19	-	2.19	2.32	2.35
Birahi Ganga		232.00	0.46	-	0.46	2.32	2.35
Motighat		232.00	0.48	-	0.48	2.32	2.35
Lnt Free Power(Renew)		232.00	12.00	-	12.00	2.32	2.35
Sub-Total	-	4333.76	273.24	-	273.24	2.31	2.33
Total Power Purchase from Firm Sour	1,576.77		4,504.54	334.57	6,415.87	4.01	4.06
Open Market Purchases & UI							
Unallocated Power	-		0.00	-	-		
Banking Received	-	-	0.00	-	-		
UI Net drawal	-		0.00	-	-		
Tender Purchases	-		0.00	-	-		
IEX/PXIL (Net Purchases)	-	482.98	2,112.91	-	2,112.91	4.93	4.98

Source of Power (Station wise)	Total Annual Fixed charges/ Capacity charges (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Paisa/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Rs Crore)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Rs/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Reactive Payables	-		0.00	-	-		
Sub-Total	-	482.98	2,112.91	-	2,112.91	4.93	4.98
Total Purchases	1,576.77		6,617.45	334.57	8,528.78	4.21	4.25
Banking Payable	-	-	-	-	-	0.00	0.00
Additional Energy to be covered for THDC	-	482.98	48.46		48.46	5.03	5.09
Reactive Units Receivables			-	-	-		
Sub-Total	-		48.46	-	48.46	0.60	0.60
State Consumption	1,576.77		6,665.91	334.57	8,577.24	4.37	4.41
PSP Charges							
Fixed charges for THDC - PSP		530.00	262.35	-	262.35		
Transmission Charges							
PGCIL							
POC Charges	810.93				810.93		
Sub-Total	810.93		-	-	810.93		
PTCUL + SLDC							
PTCUL	415.89				415.89		
Sub-Total	415.89		-	-	415.89		
Total Transmission charges	1,226.82		-	-	1,226.82		
Total Power Purchase Cost (inc trans	2,803.59		6,928.26	334.57	10,066.42	5.12	5.18

Petitioner