

Petition for Determination of Pooled Cost of Power Purchase for
FY 2011-12

Before

Rajasthan Electricity Regulatory Commission

Jaipur Vidyut Vitran Nigam Limited

Jaipur

June 2011

BEFORE THE RAJASTHAN ELECTRICITY REGULATORY COMMISSION

Filing No. _____

Case No. _____

IN THE MATTER OF

Petition for determination of pooled cost of power purchase for FY 2011-12 as per the Rajasthan Electricity Regulatory Commission (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) Regulations, 2010

Petitioner respectfully submits its petition in the matter as follows:

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1 DEFINITIONS

Distribution Licensee' means a licensee authorized to operate and maintain a distribution system for supplying electricity to the consumers in his area of supply as defined in the Act

Floor Price: The minimum price as determined by the Central Electricity Regulatory Commission in accordance with its (Terms and Conditions for recognition and issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations, 2010 as amended from time to time ,at and above which the certificate can be dealt in the power exchange;

Forbearance Price: The ceiling price as determined by the Central Commission.

Pooled Cost of Power Purchase: The weighted average price at which the distribution licensee has purchased the electricity including cost of self generation, if any, in the previous year from all the energy suppliers, excluding short term power purchases and those based on renewable energy.

Preferential Tariff: The tariff fixed / approved by the Commission for sale of energy to a distribution licensee from a generating station based on renewable energy sources.

Renewable Energy Sources: Includes non-conventional renewable generation sources such as mini-hydel, wind, solar including solar component of its integration with combined cycle, bio-mass, bio-fuel cogeneration, urban or municipal waste and other such sources as approved by MNRE, excluding the nuclear power stations and hydel power stations of capacity above 25 MW.

2 INTRODUCTION

1. The Rajasthan Electricity Regulatory Commission had issued an order dated 23.10.2010, RERC (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) Regulations, 2010.
2. As per RERC (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) Regulations, 2010, Distribution Licensee including deemed licensee shall procure electricity generated from renewable energy sources.
3. Distribution licensee is require to purchase the minimum of wind, biomass and solar energy as under (minimum):

Sr. No.	Year	Wind	Bio-mass
1.	2010-11	6.75%	1.75%
2.	2011-12	7.50%	2.00%

4. Obligation for Solar Power: PPA upto 100 MW, excluding capacity under GBI/incentive scheme of Govt. of India as per order dated 25.05.2010 issued for generic tariff of solar power plants.
5. For determination of Pooled Cost of Power Purchase for FY 2011-12, Discom is submitting petition for computation of Pooled Cost of Power Purchase to the Commission.

3 POOLED COST

1. For existing projects for which long term PPA for purchase of renewable energy are already put in place, may participate in (Renewable Energy Certificate) REC scheme after the expiry of the period of their existing PPA (Power purchase agreement):
2. Provided further that such a generating company having entered into a power purchase agreement for sale of renewable energy at a preferential tariff shall not, in case of pre-mature termination of the agreement, be eligible for participating in the REC scheme for a period of three years from the date of termination of such agreement or till the scheduled date of expiry of PPA whichever is earlier.
3. The new renewable energy projects commissioned during the Multiyear Control Period, after coming into force of RERC (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) Regulations, 2010 and which do not have PPA prior to 23.10.2010 for purchase of Renewable Energy shall have the option of either following the tariff structure and other conditions as stipulated in the RERC (Terms and Conditions for Determination of Tariff) Regulations, 2009, subject to agreement of licensee or adopt pricing of the REC mechanism.
4. The regulations require the Distribution licensee to purchase renewable energy and/or renewable energy certificates for discharge of the above specified mandatory obligation.
5. The Distribution licensee can purchase the renewable energy and /or certificate as per REC Mechanism as follows.
 - a) The effective electricity component price shall be equal to the Pooled Cost of Power Purchase.
 - b) The certificate could be purchase at price discovered in the Power Exchange.

6. For the purpose of determination of pooled for FY 2011-12, the Discom has Considered the actual power purchase cost and MUs for FY 2010-11.
7. Further while determining the pooled cost of power purchase the Discom has not considered the short term power purchase and renewable energy except nuclear power stations and hydel power stations of capacity above 25 MW.
8. On the basis of actual power purchase cost and MUs for FY 2010-11 Pooled Cost for FY 2011-12 is coming out to be Rs 2.57 per unit.
9. The detailed Computation of Pooled cost is as follows:

Stations	FY 2010-11				
	Power Purchase	Fixed Charges	Variable charges	Total cost	weighted average Price
	MU	Rs. Crore	Rs/ kWh	Rs. Crore	Rs/KWh
RVUN					
KTPS	2833.26	116.42	2.01	684.97	0.49
STPS	2985.81	282.05	2.35	982.28	0.70
RGTPS	108.96	11.71	1.83	31.62	0.02
Giral Stage-I & II	172.14	0.00	1.28	22.09	0.02
Keshoraipatan/Chhabra	391.53	30.51	2.65	134.32	0.10
Dholpur G T P P	735.19	72.97	2.34	245.25	0.16
STPS Unit-6	263.52	0.00	2.32	61.08	0.04
KTPS Unit-7	562.12	57.74	1.91	165.22	0.12
NPC					
RAPP-3 & 4	406.41	0.00	2.57	104.58	0.07
NAPP	68.85	0.00	2.03	13.95	0.01
RAPP-5&6	207.76	0.00	3.03	62.90	0.04
RAPP-2	494.46	0.00	2.50	123.64	0.09
NTPC					
Singrauli	964.69	24.83	1.50	169.37	0.12
Rihand	293.15	13.96	1.47	57.13	0.04
Rihand-2	345.65	23.28	1.55	76.72	0.05
Unchahar I	59.20	2.82	2.15	15.54	0.01
Unchahar II	120.53	6.86	2.14	32.62	0.02
Anta Gas	195.35	8.31	2.72	61.47	0.04
Auraiya Gas	152.96	5.18	2.79	47.85	0.03
Dadri Gas	187.06	6.90	2.77	58.74	0.04
KahalGaon I	54.31	3.43	2.29	15.89	0.01

Kahal Gaon II	215.20	24.85	2.10	69.95	0.05
Unchahar - III	69.05	6.77	2.09	21.17	0.02
NCCP	4.15	0.00	3.45	1.43	0.00
FARAKKA	27.94	1.36	2.93	9.55	0.01
TALCHAR					
Tanakpur	15.98	1.14	0.69	2.24	0.00
Salal	36.34	1.18	0.39	2.62	0.00
Uri	103.07	7.26	0.77	15.17	0.01
Chamera-I	179.30	9.36	0.81	23.80	0.02
Chamera-II	57.99	8.73	1.64	18.24	0.01
Dhauri Ganga	44.36	4.49	2.55	15.80	0.01
Dulhasti	97.73	22.67	2.72	49.25	0.04
Sewa-II	16.11	4.19	2.32	7.93	0.01
Nathpa Jhakri (NJP)	215.19	27.87	1.42	58.49	0.04
Tala HEP	20.19	0.00	1.85	3.73	0.00
Tehri - I	95.23	23.52	2.34	45.79	0.03
RFF	182.50	0.00	3.33	60.76	0.04
Partnership Projects	976.65	36.74	0.00	36.74	0.03
Naveli Lignite	64.98	0.00	2.21	14.39	0.01
Grand Total	14024.87	847.08	1.98	3624.30	2.57

4 PRAYER

To admit this petition.

To determine the pooled cost for FY 2011-12.

Condone any inadvertent omission/ errors/ shortcomings and permit JVVNL to add/ change/ modify/ alter this filing and make further submissions as may be required at a future date

Pass such further and other orders, as the Hon'ble Commission may deem fit and proper keeping in view the facts and circumstances of the case.