

**EXPRESSION OF INTEREST (EOI) DOCUMENT
FOR
FLOATING SOLAR PROJECT DEVELOPER(s) (FSPD) FOR SETTING UP OF FLOATING
SOLAR PV PROJECTS (FSPV) ON BUILD-OWN-OPERATE BASIS AT 35 DAMS &
RESERVOIRS IDENTIFIED IN THE STATE OF UTTAR PRADESH**

EOI No: 01 /UPNEDA / FSPV/ EOI /2024

Dated: 30.12.2024

Issued By



**Uttar Pradesh New & Renewable Energy Development Agency (UPNEDA),
Department. of Additional Sources of Energy, Govt. of Uttar Pradesh
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DECEMBER 2024

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- UPNEDA has issued this Expression of Interest with the best intention for rapid deployment of floating solar PV projects in the state of Uttar Pradesh from interested FSPD and has no compulsions to enter into definitive contractual agreements. This EOI does not guarantee conversion of this EOI into any definitive contractual agreements.
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- The Purpose of the EOI is to know the interest of the Floating Solar Project Developers (FSPDs) for setting up the floating solar projects at 35 Dams/Reservoirs identified in the state of Uttar Pradesh. The Dams/Reservoirs will be allocated to the developers on first come first serve basis and at the lease rates as defined in the Government order dated 15.03.2024 for allocation of Dam/Reservoirs of Irrigation and water resource department for setting up of floating solar projects.

Note: Respondents are requested to keep themselves updated by visiting the website <https://etender.up.nic.in> on regular basis for any addition / deletion / modification /clarification or notification in respect of this EOI.

Expression of Interest (EOI) From Prospective Floating Solar PV Power Plants Developers in the State of Uttar Pradesh

1. Objective of the EOI

The primary objective of this EOI is to seek to gather information on the feasibility of FSPV Power Projects and engage with potential developers. Also, to gauge the interest of capable parties in setting up floating solar projects on Build, Own, Operate (BOO) basis at 35 identified dams and reservoirs in Uttar Pradesh. Successful respondents will have the liberty to choose their own power procurers.

2. About UPNEDA

The Uttar Pradesh New and Renewable Energy Development Agency (UPNEDA) is committed to advancing the state's renewable energy infrastructure and achieving its sustainability goals. In alignment with this vision, UPNEDA is nodal implementing agency under Uttar Pradesh Solar Energy Policy 2022 which has set a target of addition of 22,000 MW solar energy by 2027. Out of this, 14,000 MW is target set for large scale solar power projects. Uttar Pradesh has identified 35 dams/reservoirs wherein Floating Solar PV Projects can be established. This initiative is part of a broader strategy to enhance renewable energy capacity, reduce carbon emissions, and contribute to the nation's clean energy transition.

3. Background

The proposed floating solar power project is designed to be a cutting-edge facility aimed at harnessing solar energy to produce green power. This initiative not only seeks to make a significant contribution to Uttar Pradesh's energy mix and enhance the state's renewable energy capacity but also intends to utilize the vast water surface bodies of major dams and reservoirs for the installation of solar photovoltaic (PV) plants. Given that solar PV plants are land-intensive, utilizing water bodies for such projects will help overcome land acquisition challenges. To support the development of floating solar power plants in Uttar Pradesh, the UPNEDA, in collaboration with the Irrigation and Water Resources Department, will lease dam/reservoir sites to Floating Solar Power Developers (FSPDs).

BID DATA SHEET

1	Name of the Work	Expression of interest (EOI) document for floating solar project developer(s) (FDPD) for setting up of floating solar pv projects (FSPV) on build-own-operate basis at 35 dams & reservoirs identified in the state of Uttar Pradesh.
2	EOI No & Date	EOI No: 01 /UPNEDA/FSPV/EOI/2024 dated 30.12.2024
3	Type of EOI/Tender	E-Tender
4	Document fee/ Cost of EOI document (non-refundable)	Nil
5	Document processing Fee (non-refundable)	Nil
6	Earnest Money Deposit	Nil
7	Pre-Bid Meeting	Not Applicable
8	Last Date & Time of Online Submission	20.01.2025 up to 18:00 hrs.
9	EOI Opening	21.01.2025 at 12:00 hrs.
10	Name, Designation, Address and other details (For Submission of Response to EOI)	Director, Uttar Pradesh New & Renewable Energy Development Agency, Vibhuti Khand, Gomti Nagar, Lucknow Phone:-9415609007, Tele Fax: 0522-2720779, 0522-2720829, Email: compneda@rediffmail.com/ ho_nks@rediffmail.com Website: www.upneda.org.in
11	Details of persons to be contacted in case of any assistance required	Shri. Narendra Singh Senior Project Officer Uttar Pradesh New & Renewable Energy Development Agency, Vibhuti Khand, Gomti Nagar, Lucknow Phone:- 9415609007, Telefax: 0522-2720779, 0522- 2720829, Email: ho_nks@rediffmail.com Website: www.upneda.org.in

4. **Implementation Model**

The site for development i.e., dams or reservoir will be allotted by the State Level Committee (SLC). The Floating Solar Power Plant Developers shall be required to survey, design, supply, installation, testing, commissioning with operations & maintenance of FSPV and connect the same with the nearest STU/DISCOM substation along with commissioning of the project within stipulated time period. The FSPD shall also be required to obtain and maintain all consents, clearances, permits and approvals for the entire lease period. The FSPD has to arrange for the Power procurer by its own.

5. **Submission of EOI**

- a) Interested parties are required to submit information complete in all respects as per enclosed format i.e., **Annexure A**.
- b) Respondents are required to furnish past experience of FSPV as per **Annexure B**.
The furnished information shall be well supported with relevant documents.
- c) List of 35 dams/reservoirs is attached in **Annexure C**.
- d) Interested parties need to submit their 'Expression of Interest' dully signed by the authorized signatory along with relevant details as sought in the data sheets latest by 20.01.2025 till 18:00 hrs. on the website of <https://etender.up.nic.in/nicgep/app>

Annexure A: Details of the Respondent

Sr. No.	Parameters	Details
1	Name of the Company	
2	Name, Mobile No, Email id of Authorized Person	
3	Status of the Company: a) Whether registered under the Companies Act 1956 / the Companies Act 2013 b) If not, country of Incorporation	
4	Net Worth of the Company (as on 31.03.2024)	
5	Annual Turnover of the Company (as on 31.03.2024)	
6	Past Experience of the Company in Floating Solar a) Name of the Project b) Capacity c) Location	
7	Total cumulative installed capacity in Floating Solar Projects (MW)	
8	Total cumulative installed capacity in Ground mounted Solar Projects (MW)	
9	Total cumulative installed capacity in Rooftop Solar Projects (MW)	
10	Indicative PPA tariff (Rs /kWh)	
11	Proposed power procurer	
12	List of Dam/Reservoirs/ Interested	

Annexure B: Past Experience Details

S. No.	Plant Capacity	Location	Project Status	Power Sale Arrangement (Captive / PPA)	Tariff (Rs/ kWh)	Annual Average CUF (%)

I hereby declare that above information is true and providing such information details are not in violation of any of the agreements to the best of my knowledge.

Signature :

Name :

Designation :

(Stamp & Seal of the Company)

Annexure C : List of Dams / Reservoirs

Sr. No.	Name of Reservoir/Dams	Latitude		Longitude	
1	Saprar Dam	25.2104	N	79.0831	E
2	Barwa Sagar	25.3732	N	78.722	E
3	Pathrai Dam	25.4148	N	78.9979	E
4	Dongri Dam	25.3844	N	78.4562	E
5	Garhmau Tank (Lake)	25.5238	N	78.6538	E
6	Pahuj Dam	25.5063	N	78.526	E
7	Parichha Dam	25.5111	N	78.777	E
8	Dhukwan Dam	25.1925	N	78.5347	E
9	Barwar lake	25.522	N	79.1307	E
10	Matatila Dam	25.0616	N	78.2506	E
11	Sajnam Dam	24.5253	N	78.5906	E
12	Govind Sagar Dam	24.6727	N	78.4266	E
13	Jamini Dam	24.3403	N	78.4143	E
14	Shahzad Dam	24.9502	N	78.5197	E
15	Arjun Dam	25.3868	N	79.6763	E
16	Bela Sagar	25.2642	N	79.5797	E
17	Pahari Dam	25.2343	N	79.2836	E
18	Maudaha Dam	25.5887	N	79.7048	E
19	Lahchura Dam	25.3281	N	79.2796	E
20	Chandrawal Dam	25.4308	N	79.8635	E
21	Kabraidarn	25.4084	N	79.9769	E
22	Ohan Dam	25.1319	N	81.0316	E
23	Baruwa Dam	25.1822	N	80.7942	E
24	Gunta Dam	25.2173	N	81.1447	E
25	Majhgawan Dam	25.1904	N	79.5469	E
26	Upper khajuri Dam	24.9963	N	82.596	E
27	Moosakhand Dam	24.9583	N	83.2917	E
28	Latif Shah Dam	25.025	N	83.225	E
29	Dhadraul Dam	24.6254	N	83.1695	E
30	Adwa Dam	24.7861	N	82.3056	E
31	Rihand Dam	24.0236	N	82.7285	E
32	Obra Dam	24.4394	N	82.9661	E
33	Kanhar Dam	24.1229	N	83.2846	E
34	Kalagarh Dam	29.5194	N	70.7666	E
35	Rajghat Dam	24.7615	N	78.2285	E