

**"WE SPECIALIZE IN LAND FOR SOLAR POWER PROJECTS "
AND also provide you with SOLAR POWER CONSULTANCY**

" HONEST DEALINGS AT HONEST PRICE" is our motto.

FREQUENTLY ASKED QUESTIONS (FAQs) JAWAHARLAL NEHRU NATIONAL SOLAR MISSION (JNNSM)

1. What is Jawaharlal Nehru National Solar Mission?

The National Solar Mission is a major initiative of the Government of India and State Governments to promote ecologically sustainable growth while addressing India's energy security challenge. It will also constitute a major contribution by India to the global effort to meet the challenges of climate change. It is one of the eight missions envisaged under National Action Plan on Climate Change.

The National Action Plan on Climate Change points out: "India is a tropical country, where sunshine is available for longer hours per day and in great intensity. Solar energy, therefore, has great potential as future energy source. It also has the advantage of permitting the decentralized distribution of energy, there by empowering people at the grassroots level".

Based on this vision a National Solar Mission is launched under the brand name "Solar India".

2. What are the Solar Mission targets?

- To create an enabling policy framework for the deployment of 20,000 MW of solar Power by 2022.
- To ramp up capacity of grid-connected solar power generation to 1000 MW within Three years – by 2013; an additional 3000 MW by 2017 through the mandatory use Of the renewable purchase obligation by utilities backed with a preferential tariff. This capacity can be more than doubled – reaching 10,000MW installed power by 2017 or more, based on the enhanced and enabled international finance and Technology transfer. The ambitious target for 2022 of 20,000 MW or more, will be Dependent on the 'learning' of the first two phases, which if successful, could Lead to conditions of grid-competitive solar power. The transition could be Appropriately up scaled, based on availability of international finance and Technology.
- To create favorable conditions for solar manufacturing capability, particularly Solar thermal for indigenous production and market leadership.
- To promote programmers for off grid applications, reaching 1000 MW by 2017 and 2000 MW by 2022.
- To achieve 15 million sq. meters solar thermal collector area by 2017 and 20

Million by 2022.

- To deploy 20 million solar lighting systems for rural areas by 2022. Page 2

3. What is the capacity of solar power projects proposed to be promoted in the first?

Phase?

A target of 1000 MW is fixed to promote grid connected Solar Power projects, Connected to the Grid sub-stations at voltage levels of 33 KV and above. Further, it is propose to promote 100 MW capacities Rooftop SPV and Small Power Plants, connected to the Distribution sub-stations at voltage levels of below 33 KV.

The above capacities are proposed to be implemented under 1st Phase before year 2013.

4. What are the different technologies proposed to be promoted?

Both Solar Photovoltaic and Solar thermal Power technologies will be encouraged Under the Mission. Page 3

5. What are the different schemes launched under JNNSM?

Under the JNNSM, there are basically two schemes, namely (I) Grid connected Solar projects of capacity 5 MW and above connected to Grid Sub-station at 33 KV And above voltage and (ii) Rooftop SPV and Small Power Plants of 1-3 MW Capacity connected to Distribution sub-stations at below 33 KV voltages. The solar Power capacities proposed under these schemes are,

(I)

- Grid connected solar projects of capacity 5 MW and above
- 500 MW capacity of solar PV
- 500 MW capacity of Solar Thermal

(ii)

- Rooftop SPV and Small Power Plants of 1-3 MW capacity
- 80 MW for the entire country with a Ceiling of 20 MW for each state.

6. Is there any ceiling for individual developer for the solar power capacity under the

Above schemes?

Yes. Under Grid connected solar projects of capacity 5 MW and above scheme, The minimum project capacity shall be 5 MW and 20 MW in case of Solar Photovoltaic Projects and Thermal Projects respectively. The maximum capacity Would be 25 MW and 100 MW respectively.

7. What are the facilities being provided by the State Government?

(I)

The State Level agencies will provide necessary support to facilitate

Access to sites, water allocation for solar thermal projects, land acquisition
For the projects, connectivity to grid sub-station/distribution sub-station
From State Transmission Utility (STU/DISCOMs).

(ii)

The Power generated from Solar Power Projects will be purchased by DISCOMs as per the Solar Power Purchase Obligation to be consented by The AP Electricity Regulatory Commission (APEREC).

(iii)

Non-Conventional Energy Development Corporation of A.P. Ltd. (NEDCAP) Is the Competent Authority designated by the State Govt. for Pre-Registration of projects under Rooftop SPV and Small Solar Power Plants. Further, NEDCAP will facilitate and co-ordinate with state agencies for Grid Connectivity, land allocation, water allocation, etc., in case of solar power Projects contemplated in both the schemes.

8. What is the tariff applicable for solar power projects?

The tariff for solar power projects will be as per the regulations of Central Electricity Regulatory Commission (CERC). The tariff applicable for the solar PV Projects likely to be commissioned before 2011-12 is Rs.17.91/unit and in case of Solar thermal power projects likely to be commissioned before 2012-13 is Rs.15.31/unit. The tariff will be applicable for a period of 25 years. Page 4

9. How to make proposals for setting up solar power projects?

The intended project developers shall submit the proposals in the prescribed Format to NEDCAP with a promotional fee of Rs.25,000 per MW. The format for Submission of proposals and documents to be enclosed is annexed.

Once the clearances are obtained at the state level, the project developers can Participate in the Expression of Interest (EOI) being invited by NTPC Vidyut Vyapar Nigam Limited (NVVN) in respect of Grid connected solar projects of Capacity 5 MW and above connected to Grid Sub-station at 33 KV and above Voltage and can register with Indian Renewable Energy Development Agency (IREDA) in respect of Rooftop SPV and small Power Plants of 1-3 MW capacity Connected to Distribution sub-stations at below 33 KV voltages.

10. What are the other useful web-sites where we can get more information about JNNSM?

The more information and developments in the sector can be obtained from www.mnre.gov.in and www.nvvn.co.in

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NON-CONVENTIONAL ENERGY DEVELOPMENT CORPN. OF A.P. LTD.
HYDERABAD

REGD. OFFICE: 5-8-207/2, PISGAH COMPLEX, NAMPALLY,
HYDERABAD – 500 001, A.P.

APPLICATION FOR EMPANELMENT/REGISTRATION FOR SETTING UP OF GRID
INTERACTIVE SOLAR POWER GENERATION PROJECT IN
ANDHRA PRADESH.

I.

COMPANY DETAILS:

- a) Name and address of the Company with Telephone, fax nos. and e-mail:
:
- b) Legal status of the Company
:
- c) Date of incorporation
:
- d) Present activity/business of the company:
- e) Turnover of the Company for the last Three years
:
- f) Net profit of the company for the last Three years
:
- g) Plans for development/diversification
:
- h) Name and address of the Chief Executive With telephone nos, fax & e-mail
:
- l) Name and address of the authorized Person to be contacted for the project Liaison with telephone nos. etc.
:

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II.

PROPOSED PROJECT

- a) Capacity of Grid interactive solar Power generation project in MWs
:
- b) Project location with address & tele nos. :
- c) Land details
:
Urban / Rural / Industrial / Agricultural
- d) Land area required / obtained
:
- e) Ownership of land as per title
:
- f) Whether the land has been purchased / leased / allotted by Govt.
:
- g) Whether all legal clearances of the land Obtained for setting up of Power Plant:

h) Actual date of acquisition of land

:

l) Access to the site

- Rail head

- Road

j) Nearest sub-station of AP Transco/Discom

And the distance from the location of

Solar power project

:

k) Capacity of Sub-station

:

III.

ESTIMATED PROJECT COST

:

IV.

Sources of finance of the project (Please give break up details, mode of meeting Project cost).

V.

Plan duration for completion of project in one phase (Please give bar chart of activities).

VI. Promotional fee payable to NEDCAP@

Rs.25,000/- per MW towards coordination with

Various agencies

DD / B.C. in favor of

NEDCAP, Hyderabad.

Details of Promotional Fee enclosed.

DD No.

Date :

Amount:

Bank: Page 7

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Declaration cum undertaking

We certify that the information furnished above is true to the best of our knowledge and Belief. We hereby undertake to submit the application as per MNRE / NVVN norms to NEDCAP along with all relevant documents required for sanction of project. We also agree that

NEDCAP is the final authority to examine, to recommend and to forward the proposal to MNRE

/ NVVN, New Delhi for consideration and sanction of the project. Further, we hereby give our

Consent to remit Rs 1,50,000/- (Rs One Lakh Fifty thousand only) per Mega Watt to NEDCAP,

As sanctioned by MNRE, towards administrative charges (non-refundable) once the PPA is

Signed .

Place:

Date:

Signature of the Competent Authority with seal Page 8

LIST OF DOCUMENTS TO BE SUBMITTED FOR SPV/ THERMAL POWER PROJECT

- 1) Certified copy of the Registration certificate
- 2) Certified copy of Memorandum and Articles of Association
- 3) Certified copy of Incorporation
- 4) Balance sheet of last 3 years (applicable for existing companies)
- 5) Detailed Project Report- 3 sets
- 6) Net worth certificate in case of New Company
- 7) Title of Land in favor of company/ lease agreement – copies to be submitted
- 8) Promotional Fee Rs 25,000/- Per MW applied in favor of NEDCAP-