

Discussion on draft guidelines for  
selecting new utility scale Solar  
power projects for Phase 1

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## Main Issues for discussion

- Phasing allocation of capacity within Phase 1
- Maximum and Minimum capacity for SPV and Solar thermal projects.
- Land arrangement.
- Connectivity with the grid.
- Role of States
- Shortlisting of projects and selection amongst shortlisted projects ,if applicants have offered to set up more capacities than that which is on offer.

# Phasing allocations within Phase 1

- In order to prevent bunching of capacity , allow time for manufacturing base to get strengthened and to allow the financial institutions time to build their capacities for appraising solar projects, phasing of capacity allocation within the 3 years of Phase 1 is proposed.
- The call for expression of interest in *2010-11* proposed as – 150 MW in SPV and 500 MW in ST  
In *2011- 2012*, call for expression of interest for the remaining capacity in SPV

# Maximum and minimum capacity

- Proposed to keep maximum capacity in SPV at 25 MW per application and 100 MW in Solar thermal.
- Installation could be in multiple project sites.
- Single application by a company or group companies .Complete disclosure at the time of application.
- Need to review minimum capacity for States where there is only 66 KV grid

# Land related

- Critical phrase in the draft guidelines is “... *arrangement* for 50% of the total land requirement is made at the time of application”

Suggestions given include-

- ✓ Guaranteed minimum allocation of capacity; arrangement of 100% of land at the time of EoI;
- ✓ Full possession of land with changed land use in the case of private land, at time of EoI,
- ✓ Agreement with land dealer to be considered for eligibility;
- ✓ accepting a in-principle letter of allotment (with the condition that allocation would be dependent on allocation of capacity)

# Grid Connectivity

- Point of interconnection, as defined in CERC regulations ,for SPV plants shall be line isolater on outgoing feeder on HV side of the pooling substation and for ST projects the, inter-connection point shall be line isolator on outgoing feeder on HV side of generator transformer
- Comments received on role of STU; delivery point and metering point should be bus bar; onus on STU to give certificate to developer on time.

# Role of States

- Identification of Sites: Flat Shadow Free Terrain with firm ground substance and close to 33KV substation. Sites to be accessible
- Can the State level Environmental / Forest Clearance be provided by SNA alongwith allotment of land, if required.
- Open Access
- Standard formats being developed by NVVN

# Short listing of projects

- Initial short listing to be based on qualification criteria including maximum capacity per application.
- If applicants shortlisted as above, offer to install more capacity than what is on offer, then in the 2<sup>nd</sup> shortlisting, developers would be asked to indicate the percentage of CERC determined tariff which they are prepared to share with NVVN as a mechanism for bearing the administrative costs and risk sharing.