

**Wind Resource
Assessment in
Uncovered / New Areas
under
“*NCEF Scheme*”**

ABOUT SCHEME

Aim to assess the realistic potential at 100 m level in 500 new stations under the National Clean Energy Fund (NCEF) also to be implemented through C-WET.

SNAs along with Private developers shall invest the entire project cost initially and carry out all necessary works to establish the Wind monitoring stations (WMS).





OBJECTIVES

To carry out wind resource assessment in the uncovered/ new areas by installing up to 500 stations with 100 m tall met-towers across the country.

To collect site specific wind data for a period of approximately 24-36 months.

To analyze the collected wind data and estimate the wind power potential at 100 m level.

To prepare a wind resource map showing the wind power potential and generate Micro level wind atlas at 100 m height.

To enable rapid exploitation of the wind power potential by developing wind power projects.

**NATURE
OF
ASSISTANCE**



Under this scheme, 40% of the total project cost will be provided from NCEF as reimbursement through C-WET and balance 60% of the total project cost shall have to be borne together by the concerned State Nodal Agencies (SNA) of State Government and private developer(s).



Ministry shall release 50% of the NCEF grants in accordance with the proposal of C-WET. The financial sanction for the sites to SNAs/private developers will be given by C-WET. The remaining 50% of the grant amount for that particular sanction order shall be released to C-WET.

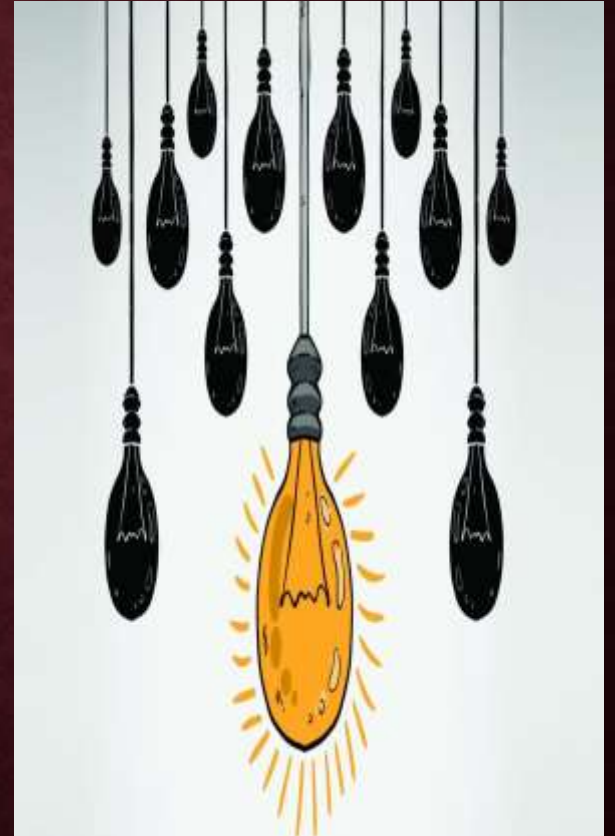




DURATION



**Scheme will be operational
up to two years from the
date of issue of first
sanction order by CWET
which can be extended if
required.**



**SUBMISSION
OF
PROPOSAL**



Private developers shall submit the detailed proposals on the prescribed format to respective SNA's.

The concerned SNA's will ensure that the first lot of proposals for wind monitoring stations allotted to the state concerned shall be submitted to C-WET within 6 months from the date of issue of the scheme.

C-WET to technically examine the proposals for establishing wind monitoring stations and forward the first lot consisting of establishment of minimum 100 WMS for seeking approval along with financial implications to Ministry

The next lot of WMS proposals, out of total 500 shall be sent to MNRE every three months by C-WET and shall follow the same procedure.



**FLOW
OF
FUND**



SNAs along with Private developers shall invest the entire project cost initially and carry out all necessary works to establish the Wind monitoring stations (WMS).

Ministry shall release 50% of the NCEF grants in accordance with the proposal of C-WET.



The financial sanction for the sites to SNAs /private developers will be given by C-WET.



The remaining 50% of the grant amount for that particular sanction order shall be released to C-WET for further release on receipt of Utilization Certificate, Audited Statement of Expenditure and Physical Progress Report from CWET.



Financial and Physical Progress Report must submit on Prescribed format.

C-WET will release funds in two installments to SNA's and private developers in accordance with their share

After installation & commissioning of wind monitoring station, C-WET shall reimburse the 50% of the NCEF grant share of 40%, upon confirmation to that effect provided by concerned SNA.

After completion of the minimum one year continuous data collection and completion of project in all aspects including completion of verification by C-WET, the balance 50% of the NCEF contribution will be released to CWET for further release to the SNA and private developer in accordance with their contribution

In case of any irregularity found in the implementation of the project, the subsidy given can be recovered from the implementer and project could be cancelled for further subsidy.

IMPLEMENTATION

SNAs shall facilitate all clearances including NOC, civil aviation (DGCACompliance) etc. from the statutory bodies / local authorities of the site to private developers.

Establishment of wind monitoring stations may be completed within 4 months from the date of issue of sanction by C-WET.

This would enable the data collection at least for a continuous period of 24 months from the date of commissioning .

Private developers / SNAs may follow the procedure & methodology and ensure that all the masts, instruments / equipment's shall be procured, installed and commissioned as per the normative guidelines.

Operation and maintenance of the WMS will be carried out by the private developers till the duration of the project.

Normative cost for establishing NCEF – Wind Monitoring Station is also submit on prescribed formate.

Restrictions

Private developers/
SNAs, who got
sanction after
finalization of the
locations for
establishing WMS
from C-WET, shall
register the locations
under NCEF - WMS as
per the MNRE
guidelines.

Each Private
developers/ SNA's
would be eligible to
install maximum of 10
Wind Monitoring
Stations (WMS) per
state.

SNA may ensure that
private developers
will use new masts &
sensor materials for
establishing WMS
under NCEF.

Only the Indian entities viz., Wind farm owners, IPPs, Wind Farm Developers and Wind Turbine Manufacturers are eligible for grant of subsidy in this scheme

**WHO
CAN
APPLY ?**

The developer should have in-house resources (e.g., engineering, operation) including experience with environmental permitting and siting issues.

All the private developers shall comply with the Directorate General of Civil Aviation (DGCA) guidelines

HOW TO APPLY ?

Private developers shall submit the detailed proposals on the prescribed format to respective SNA's.

The concerned SNA's will ensure that the first lot of proposals for wind monitoring stations allotted to the state concerned shall be submitted to C-WET within 6 months from the date of issue of the scheme.



THANK YOU