

Letter No.:BREPL/FCA/Gujarat/Kutch/2020-21/01

Date: 9th July, 2020

To
Deputy Conservator of Forest,
Kachchh West Forest Division,
Arihant Nagar,
Bhuj-Kutch

Subject: Diversion of 494.3387 Hectares of Forest land in Villages: Laxmipur (Netra), Lifri, Nagviri & Ghadani in Nakhatrana Taluka and Matanamadh, Murachban, Samajiyaro, Ekaliyo, Junagiya, Ramaniya, Chakarai, Baranda, Lakhmirani, Bhujpur, Nareda, Ratipal, Mudhan & Ukher Villages of Lakhpath Taluka in Kutch district for setting up 648 MW of Wind Energy Project under Forest Conservation Act, 1980.

Respected Sir,

We Bhudha Renewable Energy Pvt. Ltd, are pleased to introduce ourselves as the Wind Power Project developer. We are part of Mumbai based Vish Wind Infrastrukture LLP and have experience of more than 20 years developing Wind Energy Projects since the year 2000. We also own and operate 209 MW of Wind Energy plants. Looking at the tremendous potential available in the Kutch district for the Wind Energy we have embarked upon the development of Wind Energy projects on the forest land of Kutch. The potential Wind Energy sites on the revenue and private land in the proposed area have been already utilized for various previous projects.

Based on the study of wind speed through wind mast & Wind Resource Development data for Kutch District, excellent wind speed/ power production is expected in Nakhatrana & Lakhpath Taluka. The project requires forest land for installation of Wind Turbines, Approach Road for material movement, Crane movement area & Distribution/Transmission line.

We would like to convey some peculiar features of Wind Energy projects for your consideration as explained hereunder:

Wind Turbines harness the Energy of the Wind by movement of the Blades against the thrust of the Wind. With advancement in Technology in Wind Energy over last two decades, the Capacity of Wind Turbines has grown enormously from 200-300KW to 4500 KW (4.5 MW). The uniqueness of Wind Turbines is, that despite massive increase in the capacity, the requirement on ground has grown very little because for harnessing larger Wind Energy, the height of Turbine is required along with increase in size of the blade.

The Wind Turbines Generators require only 100x100 area along with a narrow strip approximately 100 meters length during Construction phase and during O&M phase the Wind Turbine generator requires only 25x25 Mtr area. However aerially at a height of more than 40 meters, the blades of Wind Turbine Generators extend beyond the working

area of 100x100 Meters. At the height of lowest point of the blade, the Wind Turbine Generators do not disturb the flora and fauna of the on the ground.

Thus, though in air at the height of 120 Meters, the Wind Turbine Generator extends up to 155 M across the span but on ground only 100x100 M area is required.

Thus keeping in view the unique feature of Wind Turbine Generators we are pleased to submit our proposal for diversion of Forest land as under:

Option 1 main proposal:

Application considering diversion of forest land taking into account the area covered by rotor diameter of 155 meter an area of **494.3387**Hectares of forest land in Village: Laxmipur (Netra), Lifri, Nagviri & Ghadani, Ta. Nakhatrana, Matanamadh, Murachban, Samajiyaro, Ekaliyo, Junagiya, Ramaniya, Chakarai, Baranda, Lakhmirani, Bhujpur, Nareda, Ratipal, Mudhan & Ukher, Ta. Lakhsapath, Dis. Kutch for setting up 648 MW of Wind Power Plant.


Option 2 alternate proposal with a view to minimize the area demanded :

Application considering working area on the ground of 100x100 meter for installation of Wind Turbine Generators where forest diversion area is coming as **366.6224**hectares.

The proposal has been prepared as per the prescribed check list / format under the guidelines issued under Forest Conservation Act, 1980. We are herewith submitting our request for consideration of alternative 2 where less impact/ area is required for diversion .Proposal is put up for necessary guideline , processing and further action at the earliest, please.

Thanking you,
Yours truly,

For, Bhudha Renewable Energy Pvt. Ltd.


(Devendrasinh Solanki)
Authorised Signatory



Encl. Proposal in 6 copies.