**ANNEXURE TW: STATIC DATA OF WIND GENERATING STATION**

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| **S. No.** | **Particulars** |  |
| 1. | Type |  |
| 2. | Manufacturer |  |
| 3. | Make |  |
| 4. | Model |  |
| 5. | Capacity |  |
| 6. | Commissioned date |  |
| 7. | Hub height |  |
| 8. | Total height |  |
| 9. | Rpm range |  |
| 10. | Rated wind speed |  |
| 11. | Performance parameter |  |
| 12. | Rated electrical power at rated wind speed |  |
| 13. | Cut in speed |  |
| 14. | Cutout speed |  |
| 15. | Survival speed (max wind speed) |  |
| 16. | Ambient temperature for out of operation |  |
| 17. | Ambient temperature for in operation |  |
| 18. | Survival temperature |  |
| 19. | Low voltage ride through (LVRT)setting |  |
| 20. | High voltage ride through (HVRT)setting |  |
| 21. | Lighting strength (KA &in coulombs) |  |
| 22. | Noise power in level (DB) |  |
| 23. | Rotor |  |
| 24. | Hub type |  |
| 25. | Rotor type |  |
| 26. | Rotor diameter |  |
| 27. | Number of blades |  |
| 28. | Area swept by blades |  |
| 29. | Rated rotational speed |  |
| 30. | Rotational direction |  |
| 31. | Coning angle |  |
| 32. | Tilting angle |  |
| 33. | Blade |  |
| 34. | Length |  |
| 35. | Diameter |  |
| 36. | Material |  |
| 37. | Twist angle |  |
| 38. | Generator |  |
| 39. | Generator type |  |
| 40. | Generator no of pole |  |
| 41. | Generator speed |  |
| 42. | Winding type |  |
| 43. | Rated gen. Voltage |  |
| 44. | Rated gen. Frequency |  |
| 45. | Generator current |  |
| 46. | Rated temperature of generator |  |
| 47. | Generator cooling |  |
| 48. | Generator power factor |  |
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| 49. | Kw/mw@ rated wind speed |  |
| 50. | Kw/mw@ peak continuous |  |
| 51. | Frequency converter |  |
| 52. | Filter generator side |  |
| 53. | Filter grid side |  |
| 54. | Transformer |  |
| 55. | Transformer capacity |  |
| 56. | Transformer cooling type voltage |  |
| 57. | Winding configuration |  |
| 58. | Weight |  |
| 59. | Rotor weight |  |
| 60. | Nacelle weight |  |
| 61. | Tower weight |  |
| 62. | Overspeed protection |  |
| 63. | Design life |  |
| 64. | Design standard |  |
| 65. | Latitude |  |
| 66. | Longitude |  |
| 67. | Cod details |  |
| 68. | Distance above mean sea level |  |

**(Name and Designation of the authorized person with official seal)**

**(not below the rank of Assistant General Manager or equivalent)**

**Place: Date:**