

Offshore Wind Resource Assessment Template

1. Site Information

Project Name

Location (Coordinates/Description)

Assessment Date

Team Members

2. Wind Measurement Data

Measurement Period

Data Source (e.g., Lidar, Met Mast, Satellite)

Measurement Height (m)

Data Availability (%)

Remarks

3. Summary of Wind Statistics

Parameter	Value	Unit
Mean Wind Speed		m/s
Wind Shear Exponent ($\hat{\pm}$)		-
Weibull k		-
Weibull A		m/s
Directionality (Predominant Direction)		

4. Site Conditions

Water Depth (m)

Distance to Shore (km)

Obstacles/Constraints

5. Notes & Recommendations