

ACOUSTIC SERVICES



Measurement Services

Quality data, gathered by the RES measurement team has been of fundamental importance in the journey to achieving one of the largest portfolios in the renewables industry. Our primary focus has always been the acquisition of the highest quality data, with the lowest measurement uncertainty. We now offer affordable and targeted services utilising our 30 years of experience in the design, installation & operation of remote meteorological measurement systems to external clients.

It's all about the data!

RES has been at the forefront of developing best practices and analysis techniques for the assessments of acoustic impacts from wind farm developments. We have the ability to undertake any aspect of a wind energy acoustics assessment in house.

Our Acoustics team was established over 20 years ago, and have been contributors, advisors & project co-ordinators on leading research into wind turbine noise for the Institute of Acoustics, Joule projects, the DTI and Renewable UK. We combine decades of practical on-site experience with state of the art noise propagation models.

Our services include:

- Rental, deployment and management of noise monitoring hardware
- Wind measurements from our fleet of Remote Sensing Devices
- Background baseline noise surveys and cumulative impact assessments
- Turbine Sound Power Level Measurements in accordance with IEC 61400-11
- Noise predictions for operational wind farms
- Acoustic Impact Assessments for Environmental Statements

OVER 600
MET MASTS IN
18 COUNTRIES



MET MAST DATA
AVAILABILITY

FLEET MANAGEMENT
15 REMOTE
SENSING DEVICES

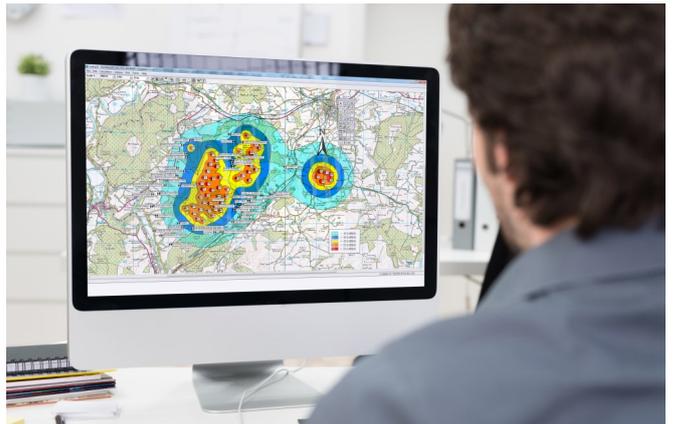
We own and operate our own acoustic monitoring equipment, and can supplement any noise monitoring campaign with wind measurements from our fleet of RSDs. We understand the importance and sensitivity of this data, and its value to a wind energy development. We ensure complete independence and confidentiality between our development activities and external clients.

“ Our experts helped write the book on wind farm acoustics.
We can provide data, expert analysts and reports for environmental assessments.

The RES Measurements Department has a dedicated and experienced team of health, safety, quality and environment professionals. Safe working is fundamental to all our operations - we ensure correct training, accreditation and certification. We are accredited to ISO 9001, 14001 and OHSAS 18001 and are proud to have been awarded several RoSPA gold awards. We are also accredited under the Achilles scheme with an overall score of 100%.



Renewable Energy Systems is one of the world's leading privately-owned renewable energy companies. Drawing on over three decades of experience in the renewables industry, we have the expertise to develop, construct and operate utility-scale energy projects around the world. RES has a global portfolio of over 10GW, with projects including onshore and offshore wind, solar, energy storage, transmission and demand side management.



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