



Acoustical Consulting

Power Market

Noise Problems?

GET GUARANTEED SOLUTIONS FROM ACOUSTICAL CONSULTANTS

Innova acoustical engineers bring specialized knowledge and expertise to investigate and solve all kinds of noise issues at power generating facilities.

Specialization

- » Environmental noise problems
- » Occupational noise exposure
- » Low frequency noise
- » Wind turbine noise
- » Noise propagation modeling (indoor and outdoor)
- » Facility wide noise control designs
- » Optimization of noise control costs
- » Complex regulatory environments
- » Construction noise



NOISE MEASUREMENTS OF A COOLING TOWER

Acoustic Modeling

Silencing a new or existing power generation facility is Innova’s specialty. Our construction engineers and noise consultants conduct an extensive site survey to gather the acoustical and facility information needed to develop a workable noise control solution.

- » Equipment Noise Emissions Expertise
- » Silencers, Buildings, Barriers and Enclosures
- » Understanding Operational, Safety and Maintenance Constraints
- » Structural and Mechanical Considerations
- » Service Life and Site Factor

Benefits

We are the premier choice for a truly cost-effective acoustical design to meet both your specific regulatory requirement, and your bottom line.

- » Professional, in-house multi-disciplined engineering staff
- » World-wide experience
- » State-of-the-art engineering software
- » Proprietary silencer design algorithms
- » Complete library of power plant equipment noise levels
- » Accurate costing of the noise abatement solution
- » Practical and buildable noise attenuation designs

Noise Impact Assessment

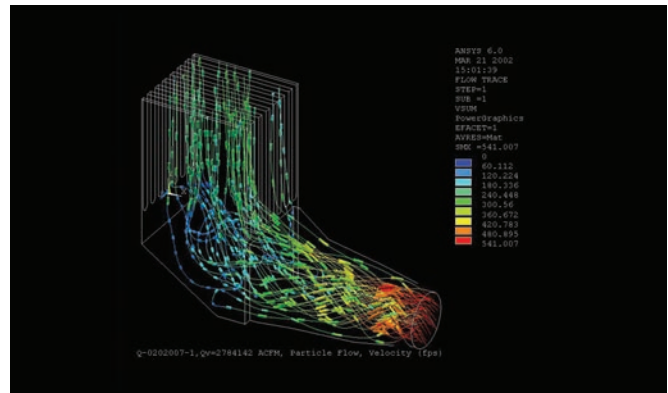
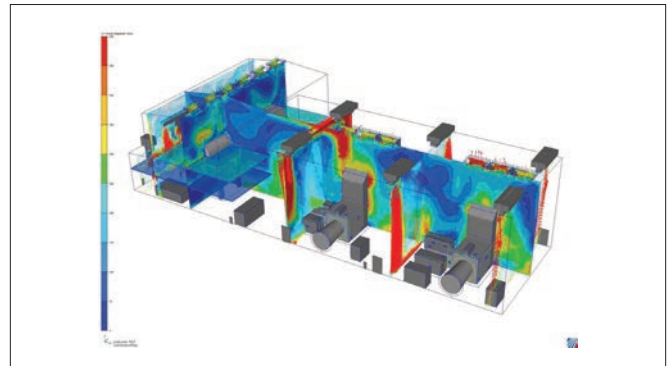
Noise Impact Assessments are the first step in achieving and demonstrating compliance with environmental or occupational noise regulations. In cases without mandated limits, we can help to establish appropriate, environmentally and workplace friendly goals for your facility.

- » Environmental Noise Surveys
- » Diagnostic Noise Measurements
- » Noise Propagation Modeling
- » Noise Control Designs
- » Compliance Assessments
- » Regulatory Submittals
- » Expert Testimony
- » Occupational Noise Exposure

Industrial Noise Controls

Noise Propagation Modeling is a key component of our Balanced Design Approach,™ engineers evaluate and compare noise controls with costs to determine the optimal solution that fits your budget and ensure compliance.

- » Outdoor Noise Propagation
- » Indoor Noise Modeling
- » CFD & In-duct Calculations
- » Acoustic HVAC Designs
- » 3D CAD Mock-up and Detail Drawings



CFD MODELING OF AIR AND GAS FLOW

Over 3,500 successful projects around the globe. We guarantee yours will be too. Call today.



Balance Without Compromise™