



PIER Advisory Group

Summary of Renewable Energy 2011/12 Proposed Research Initiatives

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Attendance

- 18/21 Group Members
Utilities, CAISO, state and local gov't,
conservation and advocacy groups
- Researchers
UC, SMUD
- Public



Staff Program Presentations

- Policy drivers
- Goals
- General approach
- Current research initiatives
- Planned solicitations with FY 10/11 funds
- Proposed research initiatives FY 11/12

Advisory Group Recommendations



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- Supported demonstration projects
 - Engage utilities
 - Collaborate with ETSI
- Biomass – greater focus
- Biogas – to pipeline
- Forecasting/ Resource assessments
- Storage
- New technology development/Existing technology improvement
- Leverage funds
- Continue environmental research

Advisory Group Recommendations



California Energy Commission – PIER



- Non-research items
 - Fix permitting process

- Work closely with utilities and CalISO to ensure transition to the grid of the future
- Help advance environmental science to resolve impacts to inform decision makers
- Work efficiently across teams:
ETSI, Renewable, Transportation, IAW, Buildings, Environmental
- Find opportunities to demonstrate technologies and reduce waste streams

FY 11/12 Initiatives



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- The renewable team believes the FY 11/12 initiatives are responsive to the Advisory Group recommendations
- Game changer: Renewable energy is teaming with Buildings Efficiency, and ETSI to ensure grid integration, storage and energy efficiency components in the advanced community based energy systems demonstration project
- Metrics for success: quantifiable, specific, measurable, establish targets and clear timelines, successful interconnection

Contact Information



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