

TECHNOLOGY DEVELOPMENT PROJECT FACT SHEET

UT003: Technology Transfer Program

Objectives –

- Provide a Technology Watch program for all interested internal departments
- Identify the Technology issues that have long-term impacts on APS and other PNW subsidiaries and develop appropriate advantageous strategies
- Improve both internal and external awareness of APS' technology leadership
- Provide service to assist our internal customers in reaching their business goals
- Resource Relationship Building
 - Facilitation of APS Liaisons
 - EPRI, Federal Labs, Universities, other research entities
 - Internal Inquiry Responses
 - Technology Briefings

Technology Resource Portfolio

Electric Power Research Institute (EPRI) is a science and technology program rich in proprietary information and intellectual property. Members-only website <http://www.epri.com> features –

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|------------------------|------------------------------|--|
| *Customized membership | *On-line product delivery | *Events web calendar |
| *People directory | *Energy/industry news | *Online technical interest profile (TIP) |
| *Project Opportunities | *Bulletin Board System (BBS) | |

Key-contact: Bob Woehl, Client Relations Rep (650)855-8611



Canadian Energy Association Interest Groups (CEATI)

This membership demonstrates the continued benefits that can be obtained from working together in addressing common problems. A flexible and cost-effective approach to developing solutions to technological challenges. Through focused Interest Groups and collaborative projects, industry professionals are brought together to identify and address technical issues that are significant to their organizations. Projects are selected, each Participant has the option of co-sponsorship. Participants present projects to the group to solicit support. Sponsors own the "Deliverables", while CEATI holds the "Copyright" on their behalf. Members-only website <http://www.ceati.com>. APS subscribes to –

- | | |
|---------------------------------------|------------------------|
| *Life Cycle Management of Substations | *Wind & Ice Mitigation |
| *Transmission Lines Asset Management | *Underground Cables |



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PRIMEN Distributed Energy Strategic Service (DESS) tracks and analyzes important emerging trends in DER markets and technologies including microturbines, fuel cells, reciprocating engines, Stirling engines, combustion turbines, energy storage, and cogeneration packages. Intelligence is derived and collected by conducting exclusive primary research, original studies, and by interviewing EPRI's high-level contacts in the DER industry, at energy companies, and in government. Through an integrated package of reports, primary research, networking opportunities, and access to Primen experts, members receive frequent, detailed, and exclusive information from an independent, fuel-neutral perspective to help separate the hype from the reality in the evolving distributed energy market. This subscription-based advisory service provides the latest intelligence on customers, competitors, regulatory issues, and Technologies. Website <http://www.epri.com/Portfolio/product.aspx?id=1329>



Other Technology Sources

Additional sources are available and sought out as needed.....



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