Prepare now for the future – become an EV-TEC partner!

The University of Texas at Austin, Texas A&M University, and the National Science Foundation invite you to participate in the Electric Vehicle Transportation and Electricity Convergence (EV-TEC), an NSF Industry/University Cooperative Research Center targeting the dynamics of the built environment for plug-in hybrid electric vehicles (PHEVs) and electric vehicles (EVs).

EV-TEC considers the technical aspects of PHEVs and EVs as well as their deployment for consumer use, creating synergies derived from partnering with key stakeholders including electricity markets, transmission and distribution companies, retailers in the power industry, private transportation firms, vehicle manufacturers, and government transportation agencies. Policy issues associated with widespread PHEV adoption will take a multidisciplinary approach for successful implementation of PHEVs and EVs. Example topics of study include:

- Impact on Smart Grid Reliability, Resilience, Safety, and Efficiency
- Dynamically Configurable and Dispersed Energy Storage: Effects on Power Markets
- Use for Interfacing of Renewable Energy Sources and Energy Security
- Vehicle Purchase, Driver Behavior, and Power Pricing: The Spatio-Temporal Impacts
- Information Systems: Interface Design and System Management
- Air Quality Impacts and Management: Policy and Practice
- Opportunities for Government Incentives and Public Infrastructure to Support PHEV Utilization
- Regulation of New and Existing Markets
- Congestion Management and Charge-Station Siting
Become a Member of EV-TEC and Get These Valuable Benefits

EV-TEC’s $40,000 annual membership fee gives you direct access to:

- Results of all EV-TEC research, with current investment leveraging at least 1:10, further improving with increasing membership.
- Experienced faculty researchers as well as skilled graduate students trained in relevant material and cross-disciplinary work.
- Job recruiting advantages through direct access to talented graduate students.
- Seminar series covering current trends and issues at no cost for the staff of member companies. Such seminars are valued at more than $1,000 per attendee.

Special Membership Features

- **Significant return on investment** -- Texas A&M University does not charge overhead on membership funds, and the University of Texas has a reduced rate of 10%. Discounted rates also apply to additional funds members may spend on topics of interest.
- **Reduced risk in licensing cost** -- Member organizations interested in commercializing EV-TEC’s intellectual property benefit by knowing the nature of the IP first.
- **Additional funding opportunities** – As an NSF I/UCRC, EV-TEC is eligible for other NSF funding opportunities with a combined estimated value of several million dollars.
- **Reasonable consulting fees** -- Members have direct access to EV-TEC faculty for answers to core business questions free or at a nominal charge, in contrast to typical faculty consulting fees that run more than $200 per hour.
- **Reasonable worker costs** – EV-TEC’s graduate students all have Bachelor’s degrees (many have their Master’s degree as well) and are proficient in handling technical work normally performed by staff hired in an industrial setting, and at far less cost.
- **Annual Workshops** -- Proceedings of the PHEV Workshops held in 2008, 2009, 2010, and 2011 are available online at [http://ece.tamu.edu/~nsf-phev/](http://ece.tamu.edu/~nsf-phev/). Proceedings for the 2012 Workshop may be found at [http://electricvehicletec.wordpress.com/events/](http://electricvehicletec.wordpress.com/events/). Workshops have focused on open research questions relating to integration and optimization of infrastructure design for tying transportation systems and traveler behaviors to electricity systems and market demands. Workshops continue dialogue aimed at building partnerships to address issues of multidisciplinary interconnections of engineering technology, policy, economics, societal impact, and the environment.

Apply Now for EV-TEC Membership by Contacting:

Dr. Ross Baldick, University of Texas-Austin, (512) 471-5879, baldick@ece.utexas.edu OR
Dr. Mladen Kezunovic, Texas A&M University, (979) 845-7509, kezunov@ece.tamu.edu

EV-TEC is a National Science Foundation Industry/University Cooperative Research Center (NSF #1035108) and a joint effort with NSF of the University of Texas (lead) and Texas A&M University, with a number of corporate and governmental agency partners.

EV-TEC website maintained by UT-Austin: [http://electricvehicletec.wordpress.com/](http://electricvehicletec.wordpress.com/)


For more information and researcher bios, see [http://ece.tamu.edu/~nsf-phev/](http://ece.tamu.edu/~nsf-phev/)

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**EV-TEC is one of six collaborative efforts with The Texas A&M Engineering Experiment Station (TEES) Smart Grid Center. The Center creates multidisciplinary research teams to study smart grid problems and develop innovative and effective smart grid solutions to advance efficient use of electric energy and modernization of the electricity grid. The TEES Smart Grid Center is both a research and outreach entity with a core group of research leaders and capabilities to connect potential partners with experienced researchers and talented students. For further details on the Smart Grid Center, see: [http://smartgridcenter.tamu.edu/sgc/](http://smartgridcenter.tamu.edu/sgc/).**