

## Dr. Gordon Abas Goodarzi, Ph.D., P.E.

### Key Areas of Experience and Expertise

Power Converters and Electric Traction for Transportation.  
Renewable Energy Management Systems  
Fuel Cell Power Plant control and Balance of Plant



### Education:

- Ph.D. Power Electronics, University of Missouri, Columbia, 1987
- MS. Power Electronics, University of Missouri, Columbia, 1983
  - BS. Power System, California State University, Sacramento, 1981
  - Registered Professional Electrical Engineer, 1985

Dr. Goodarzi is the founder and President of [US Hybrid](#) and [US FuelCell](#) Corporation and President of [Magmotor](#) Technologies. With over thirty years of EV and HEV experience, he currently directs Technology and Product Development at US Hybrid with a focus on electric and hybrid powertrain design and manufacturing for medium and heavy duty commercial and military vehicles and fuel cell engine systems and at US FuelCell (former UTC Power, PEM Transportation division) for the development and production of Fuel Cell engine (powerplant) system for Medium duty and heavy duty vehicles.

After his experience as Associate professor at CSU San Francisco, Project Engineer, US Windpower and as Technical Director of General Motor's EV1 program and Senior Scientist at Hughes Aircraft Company, Dr. Goodarzi co-founded Enova Systems, serving as Chief Technology Officer until 1999. Dr. Goodarzi has directed the development of various high density and efficiency power converters for GM, Ford, Wrightbus, Singapore LTA, Mack, Air Force, Navistar, CTC, Sikorsky, Hydrogenics, and UTC Power's respective fuel cell programs and various other projects and customers.

Dr. Goodarzi' key areas of experience and expertise are Electric Powertrain including power Converters, Motors and Controllers, Energy Management Systems and Vehicle System Controls. He holds Doctoral and Master's Degrees from University of Missouri, Columbia in Power Electronics and a Bachelor's Degree from California State University Sacramento in Power Systems. He has been a registered Professional Engineer since 1985. Dr. Goodarzi has published noted articles, patents and has received various professional awards.