

**Andres Carvallo – K-State (1985), Stanford (1992), U.Penn (1993), U.Idaho (2008)
Founder and CEO, CMG Consulting LLC (2013 - Present)**

CMG is a 35-times award winning strategy consulting and advisory company with focus on Smart Grids, Smart Utilities, Smart Cities, and Smart Buildings. A team of 16 members are experts in Energy, Water, Transportation, IoT, Telecommunications, Manufacturing, and Software markets and technologies. Its customers include Cities, Enterprises, Utilities, Vendors, and Startups. As CEO, Andres drives vision and day-to-day operations and co-leads the practices of Smart Grids, Smart Buildings, Telecommunications, IoT, and AI.

Executive Vice President of Energy Solutions & Chief Strategy Officer, Proximity (2011 – 2013)
Proximity (acquired by Relayr in 2015) was a leading global network and device management software platform provider for the energy, telecommunications, and transportation industries. As EVP of Energy Solutions and Chief Strategy Officer, Andres had global responsibility for strategy, development, marketing, products, commercialization, and partnerships. Andres was also responsible for the Energy P&L.

Executive Vice President and Chief Strategy Officer, Grid Net (2010 – 2011)

Grid Net was a pioneer smart grid and smart home software platforms provider for utilities, partners, and customer. As Executive Vice President and Chief Strategy Officer, Andres had global responsibility for strategy, business development, marketing, products, commercialization, and partnerships.

**Chief Information Officer, Austin Energy (2003 – 2010) &
Chief Technology Officer, Pecan Street Project (2003 – 2010)**

Austin Energy is the 8th largest public power utility in the nation providing low cost reliable power to the capitol city of Texas. As chief technologist reporting to the CEO and a member of the Austin Energy Innovation & Opportunity Development Executive Board from 2003 – 2010, Andres co-led over \$ 4 billion in investments into two wind farms, a solar farm, a biomass power plant, a natural gas power plant, two cogeneration power plants, two district cooling microgrids, roof top solar, over 100,000 thermostats for load control, a fiber communications network reaching every substation, 100% smart meter coverage, a smart grid architecture, and all the smart grid infrastructure.

Publications & Synergistic Activities

1. *The Advanced Smart Grid: Edge Power Driving Sustainability*, 2nd ed. Artech House, 2015.
2. *The Advanced Smart Grid: Edge Power Driving Sustainability*, 1st ed. Artech House, 2011.
3. “The Smart Grid Emerges,” UTC Journal, 2013.
4. Smart Electric Power Alliance – Technology Board Advisor – April 2017 – present
5. Smart Grid Interoperability Panel (SGIP) – Board of Directors – March 2015 – April 2017
6. Energy Thought Summit – Chairman – 2013 - present
7. Utility Telecom Council’s Smart Network Council – Board of Directors – 2011 – 2014
8. University of Kansas: ITT Center – Industry Advisory Board – 2007 to 2013
9. Center for Commercialization of Electric Technologies – Board of Directors – 2006 – 2010