

POSITION:	Director of Grid and Infrastructure
STATUS:	Exempt
INITIATIVE:	Energy Systems Network
REPORTS TO:	President & CEO, Energy Systems Network

ESN OVERVIEW:

Energy Systems Network (ESN) is an Indianapolis-based non-profit consortium that is Building an Energy Ecosystem® in which all aspects of the energy landscape are integrated – energy generation, transmission and storage, the built environment, multimodal transport, and the electrical grid. Our network of global companies and institutions allows us to develop groundbreaking pilot projects, commercialization opportunities, sustainable startups, and technological innovation to develop solutions to the many energy and mobility challenges we face globally.

ESN has extensive experience leading breakthrough projects in energy, grid/utility, and associated infrastructure. ESN partnered with Duke Energy to create the first of its kind Microgrid Test Center at the Battery Innovation Center (BIC), featuring Open FMB (Field Message Bus) and MESA (Modular Energy System Architecture) capability. Additionally, ESN led the development of an innovative business model to develop utility scale solar projects inside Federally designated Opportunity Zones. This work led to a spin out start-up business Hoosier Solar that is currently developing 1.5GW of utility scale solar projects across four Indiana counties. ESN is currently working with MISO (Midwest Interconnect Service Organization), Hoosier Energy, Rhombus, and EV Connect to deploy one of the nation's largest connected V2G (Vehicle to Grid) test beds in collaboration with the BIC. These projects are only a sampling of the work conducted with strategic industry partners, utilities and providers, private sector, and academia/national institutions.

JOB OVERVIEW:

The Director of Grid and Infrastructure is responsible for providing project development, direction, researching, planning, reporting, and ensuring implementation of ESN's portfolio of grid and infrastructure-related projects and programs. Grid & infrastructure areas of interest include:

- Commercial/industrial, local distribution utility, and wholesale market energy and infrastructure programs
- Microgrids, including remote, grid-connected, and networked
- Energy Storage (advanced batteries, hydrogen, thermal, etc.)
- Renewable energy generation and distributed energy resources
- Smart controls and integration
- Grid modernization
- Connectivity and Communications Architecture (e.g. 5G, IoT, Smart Grid)
- Cloud computing , AI and data analytics, energy modeling
- Other innovation and or grid technology business models

JOB RESPONSIBILITIES:

- Plans, organizes, and coordinates various projects, programs and services for ESN activities involving diverse administrative operations; will administer or manage specific projects related to grid and infrastructure; recommends and assists in installing improved operating methods and procedures.
- Engages stakeholders and assists in the recruitment of partner companies and institutions; organizes and leads regular meetings and communications among project partners and holds partners accountable to agreed upon project charters and detailed scopes of work.

- Assists in determining financial methods, procedures and costs pertaining to program management; conducts cost-benefit analyses and reviews and prepares financial and statistical reports; coordinates contract arrangements with other organizations and private parties.
- Conducts research and analytical studies on a variety of ESN initiatives; coordinates and expedites reports and initiative information from management input; formulates recommendations and prepares reports and correspondence.
- May assist in budget preparation and administration.
- Supporting and managing local, regional, state, and federal grant opportunities as they are proposed.
- Plan, schedule and track project timelines, milestones and deliverables using appropriate tools.
- Create and maintain comprehensive project documentation.
- Organize, prioritize, and carry out multiple projects simultaneously.
- Perform other duties as requested by President and CEO.

IDEAL QUALIFICATIONS:

- Bachelor’s degree with 5 years’ relevant job experience, or master’s degree
- Deep understanding of current technology and market trends within the grid and infrastructure industry
- Excellent communication skills, both written and verbal
- Ability to elicit cooperation from a wide variety of stakeholders
- Experience working independently and, in a team-oriented, collaborative environment
- Proactive problem solver and critical thinker with excellent planning, coordination and organizational skills
- Excellent research and consultative skills
- High level of proficiency in the use of Microsoft Office programs

DETAILS:

Reports to: President & CEO, Energy Systems Network

Office Location: Energy Systems Network, Indianapolis, Indiana

Travel: Statewide and Nationally as necessary

To apply, please email your resume to info@energysystemsnetwork.com and the ESN team will get back to you.