



# ISGAN Award of Excellence Nominations Now Open

## The Awards Opportunity for Global Recognition

The International Smart Grid Action Network (ISGAN) Award of Excellence and the Global Smart Energy Federation (GSEF) - Best Smart Grid Project Award showcase leadership and innovation in smart grid projects around the world and highlight the tremendous value of smarter, more flexible electric grids.

ISGAN and GSEF invite nominations of projects that exemplify excellence in Artificial Intelligence (AI) for Smart Grids for the 9th ISGAN Award of Excellence.

## Theme: Excellence in Artificial Intelligence for Smart Grid

During the past decade Artificial Intelligence (AI), Machine Learning (ML) and Robotics have developed fast and have successful use cases in every industry, including the energy sector. AI as a solution is transforming the global ecosystem of information and knowledge. Artificial Intelligence and Robotics are changing the nature of work in the energy sector. It has an important role in utilities' planning, operational and monitoring functions. These technologies can be deployed for smart cities, smart homes, smart appliances, power system security, load estimations and management, virtual power plants, electricity trading, and training of personnel etc. ISGAN and GSEF would like to highlight companies, organizations, and institutions that demonstrate leadership and innovation in the theme of the Excellence in Artificial Intelligence (AI) for Smart Grid technologies.

## Competition Details

- The official rules of this ISGAN Award of Excellence competition and detailed application guidance can be found on the ISGAN website, <http://www.iea-isgan.org/award2023>. The deadline for nominations is **17 March 2023**.
- Projects entered into this competition are also eligible to win the complementary GSEF Best Smart Grid Project Award.
- The focus of this competition is to recognize one or more projects that exhibit excellence in the application of Artificial Intelligence tools successfully in the electricity sector and demonstrated results in any of the areas described below:
 

AI for Energy Efficiency	AI for Grid Asset Optimization
AI for Energy Theft Detection	AI for Renewable Energy Integration
AI for Revenue Maximization	AI for Smart Charging of Electric Vehicles
AI for Accurate Demand Forecasting	AI for Emission Reduction in an Electric Utility
AI for Renewable Energy Generation Forecasting	AI for Energy Trading
- The project should be in operation for a minimum of one year as on 21 January 2023. ISGAN is encouraging applications by electric utilities, power system operators, renewable energy generators, technology providers, universities, research labs, and other stakeholders in the electricity domain.
- Submissions will be judged by a jury of international experts organized by ISGAN and the GSEF. The jury will select one or more winning projects using three primary criteria (potential impacts, economic rationale, potential for replication or adaptation) and two secondary criteria (level of innovation, other benefits).

Nominations Period Opens	Nominations Period Closes	Winners Notified	CEM14 Awards Ceremony
5 December 2022	17 March 2023	2 May 2023	July 2023

**About ISGAN:** Launched in 2010, the International Smart Grid Action Network is a Clean Energy Ministerial initiative and International Energy Agency Technology Collaboration Programme that brings together 27 countries from five continents and the European Commission to advance the global deployment of smarter, cleaner, more flexible electricity grids.

**About GSEF:** Established in 2010, the Global Smart Energy Federation links leading national and regional smart energy organizations from around the world, each representing a variety of private sector, academic, and other stakeholder interests.