



# Cronos Helps EDF Manage Existing Power Facilities While Predicting Future Needs

Électricité de France (EDF) is the second largest electric utility in the world. EDF designs, builds, and manages various types of power facilities, including nuclear, off-shore wind, hydro, and solar. EDF engineers use High Performance Computing (HPC) for design of new generating facilities, to understand and predict customers' power consumption, and for safety and regulatory compliance through system and component simulations. Their most recent acquisition, Cronos, built on 2nd Gen Intel® Xeon® Scalable processors, gives them the computing resources needed to continue to validate the safety of nuclear facilities, design new power generating resources, and leverage the power that artificial intelligence (AI) and machine learning can bring to scientific insight and business efficiency and leadership.

“We are just beginning to explore machine learning workloads. We are exploring AI to use for predictive maintenance, electrical consumption planning, cybersecurity, social media analysis, to name just a few.”  
  
**Cyril Baudry, Scientific Information Systems Architect, EDF**

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#### Industry

Renewables & Environment

#### Organization Size

10,001+

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France

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