



Energy





Whether fossil-fuelled, hydro or nuclear, the production of energy is a highly complex, technical matter on which millions of individuals and businesses rely. Envista Forensics energy experts have a depth of knowledge and experience responding to failures involving control systems, boilers and pressure vessels, turbines, generators, transformers, switchgear and many other components involved in the production and transmission of energy as well as the actual construction of different plants and facilities.

Envista Forensics' energy experts have in-depth expertise and a proven track record with the analysis and evaluation of:

- Power Generation & Distribution
- Onshore/Offshore
- Petrochemical
- Renewable

POWER GENERATION & DISTRIBUTION

Our experts have experience in all facets of power generation design, installation, operations and maintenance. This includes fossil fuels, combined cycle and independent power plants (IPPs), gas and steam turbines, transmission/distribution, hydroelectric, renewables, solar, biomass and nuclear.



ONSHORE/ PETROCHEMICAL

Envista's Petrochemical engineers have extensive experience in all facets of downstream facilities, such as pipelines, terminals, refineries, petrochemical plants and gas processing plants. With specialists for corrosion, process, mechanical, electrical and structural engineering, as well as construction execution plans, schedules and petro-economics, we deliver complete technical opinions and solutions for any type of claim event. Our collective experience in design, installation, operation and maintenance on these unique types of facilities gives us the in-depth expertise required to provide solid technical opinions and provide a complete range of solutions for our clients in both the petrochemical and in the midstream and downstream energy sectors.

OFFSHORE/MARINE

Envista's Energy Practice Group has decades of experience in drilling, exploration and production of rigs, offshore platforms and ancillary equipment, having consulted for some of the largest producers in the world, and having worked with most international service companies. We have been engaged in various hydraulic fracturing or "fracking" cases, as well as deep-water projects offshore around the world including subsea cabling and pipeline installation and repair projects. Our collective experience in design, installation, operation and maintenance on these unique types of facilities gives us the in-depth expertise required to provide solid technical opinions and provide a complete range of solutions for our clients.

RENEWABLE

Envista Forensics Mechanical, Electrical, Structural and Materials Engineers have a depth of experience with Renewable Energy systems such as solar panels, both CSR and PV, geothermal systems, wind energy equipment and biofuel systems. Our experts have experience with design, installation, operation and maintenance of these sophisticated mechanical and electrical systems, qualifying Envista Forensics as industry leading providers of damage assessment, reinstatement viability and cost validation, failure analysis and cause & origin services following incidents involving these complex systems.



OUR SERVICES

The Energy group at Envista Forensics provides services including:

- Scope of Damage/Contamination Assessment
- Failure/Root Cause Analysis
- Vendor/Manufacturer Coordination
- Total Project Management
- Timeline Forensics and DSU Evaluations
- Subrogation Evaluation
- Reinstatement Analysis to Minimize Business Interruption
- Cost Validations

WHO WE ARE



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For over 25 years, Envista Forensics has been at the forefront of servicing the insurance industry, legal professionals and corporations successfully assisting clients, understand the cause of loss and determining responsibility following all types of equipment failures.

With extensive operations across North America, Latin America, EMEA and Asia-Pacific, Envista Forensics is uniquely positioned to deliver scientific expertise and court presentation experience to their clients, no matter where in the world these services are required.



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