



ENERGY

CLIMATE CHANGE SERVICES

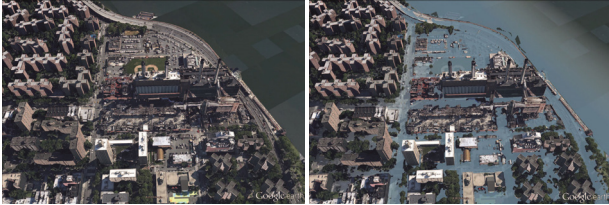
DNV GL Energy's suite of Climate Change services for cities, utilities and buildings.

DNV GL Energy helps our clients address climate change-related risks through a full range of planning tools and services. Whether you are a city leader, a utility systems engineer or a building manager, we can help identify your facilities' vulnerabilities to climate-related weather events and other hazards (e.g. earthquakes, explosions), rate the risk levels of your assets and systems and provide recommendations as to mitigating actions you can take to help reduce vulnerabilities.

CITY LEVEL RESILIENCY

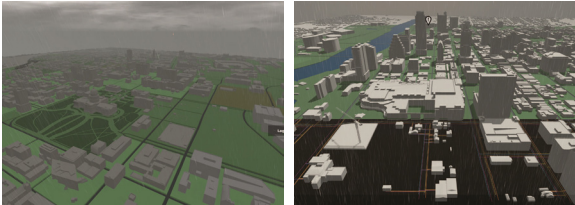
New York City, New York: Flooding of East River Electrical System Substation

C-GEAR core is able to process and analyze big amounts of data following a defined risk-based framework (i.e. ADAPT).



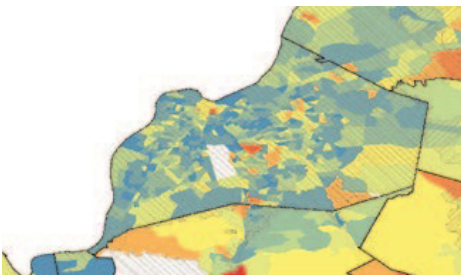
Austin, Texas

CLAIRE creates appealing and realistic 3D visualizations of your city's built environment and infrastructures - including electricity, gas, heat, fibers, telecoms, and water. Any city in the world will be instantly recognizable, thanks to CLAIRE's Geographic Information System (GIS) based models.



Louisville, Kentucky

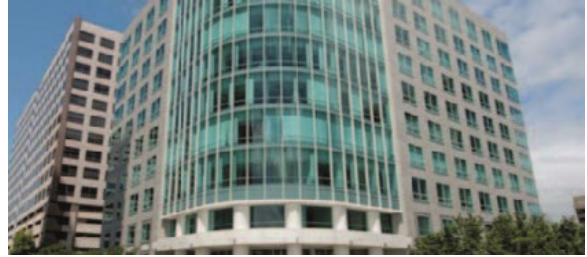
An analysis of Louisville, Kentucky's electric utility customers was conducted by DNV GL which mapped the incidence of electric heating systems. When combined with customer surveys about smart meters, areas were revealed where impacts from outages are potentially greatest.



BUILDING LEVEL RESILIENCY

Office building in Oakland, California

DNV GL's Building Resiliency Assessment tool (B-Ready) provides city managers and building owners with site-specific threat analysis and mitigation strategies for withstanding climate-related events.



UTILITY LEVEL RESILIENCY

Long Island Power Authority

DNV GL's ADAPT model was applied post-Superstorm Sandy using a risk-based decision support tool. This tool allows users to evaluate where to manage the power transmission and distribution networks under severe weather scenarios.



CONTACT

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