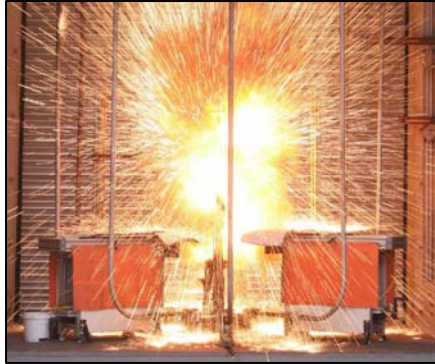


# KINECTRICS INC.

UNRIVALLED EXPERTISE & EXPERIENCE FOR THE ENERGY INDUSTRY



Kinectrics is an established, independent company offering clients the advantage of almost 100 years of proven expertise and experience, founded on solving the most demanding technical challenges for Ontario Hydro, one of North America's largest and most reliable utilities. Our award-winning team of scientists and engineers is recognized worldwide for outstanding technical excellence in the energy sector.

Kinectrics' specialists in power generation, transmission, distribution, industrial energy services, and environmental technologies use innovative science and engineering to help clients improve business performance. We offer comprehensive services worldwide in a broad range of technical disciplines across the energy sector. Kinectrics' head office location in Toronto, Ontario Canada features high voltage and high current testing facilities as well as specialized laboratories for equipment qualification, mechanical testing, analytical chemistry, and radioactive materials testing.

## **Services for Generation Plant**

- Life Cycle Management Solutions for nuclear and non-nuclear power generation (hydro, fossil, renewables). Kinectrics provides comprehensive engineering services, advanced technologies and complete testing facilities

## **Transmission and Distribution (T&D) Technologies**

- Optimization services to maximize life and performance for transmission and distribution systems, components and equipment

## **Environmental Capabilities**

- Services designed for utilities to help reduce the cost / risk associated with waste reduction and disposal, and emissions, to minimize environmentally-related impacts

## **Field and Technical Support**

- On-site and in-lab monitoring, repairs, testing and technical procedure development for electrical and water systems, metallurgical, mechanical, and structural elements

## **Innovative Product Development**

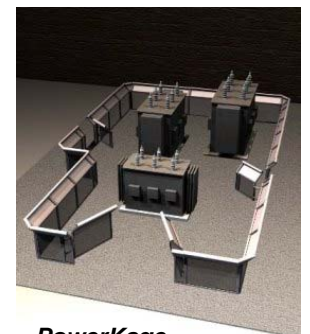
- Leading-edge, innovative products designed for the energy industry, e.g. SorbWeb™ Plus Secondary Oil Containment System, PowerKage Non-electric Fence, Kinectrics® Power Line Communications Technology, and LineVue, etc.

## **Specialized Testing Facilities**

- Complete equipment and product testing services by industry experts, using state-of-the-art equipment and facilities, for qualification and evaluation purposes



SorbWeb™ Plus  
Secondary Oil  
Containment System



PowerKage  
Non-electric Fence

## Why Kinectrics can make a difference

Technical problem solving can be preventative or reactive. In either approach, Kinectrics delivers real answers—often when others have tried and failed. We develop and apply innovative technologies for the energy industry; solving problems at operating plants, advancing environmental stewardship, and economic performance. At Kinectrics, we focus on enhancing both the bottom line and operational efficiency for our clients.

### Nuclear Parts and Qualification

- Genuine Nuclear Parts and Commercial Grade Dedication
- Cable Management Programs
- Equipment Qualification and Seismic Testing
- Failure Analysis

### Inspection and Maintenance Systems

- Steam Generator and Pressure Tube Inspection Technologies
- Non-Destructive Evaluation (NDE)
- Acoustic Leak Inspection System (ALIS)
- Machining / Prototyping / Specialized Tooling

### Concrete Assessment and Repair

- Condition Assessment
- Concrete Repair / Rehabilitation
- Design / Build Solutions

### Materials and Equipment Reliability

- Risk-based Maintenance Solutions
- Materials Characterization / Microstructural analyses
- Corrosion: Electro-chemical, Microbiologically-influenced
- Plant Chemistry

### Analytical & Environmental Services

- Analytical Chemistry / Specialized Nuclear Services
- Materials Characterization and Identification
- Soil Remediation / Decontamination

### Air Quality and Climate Change

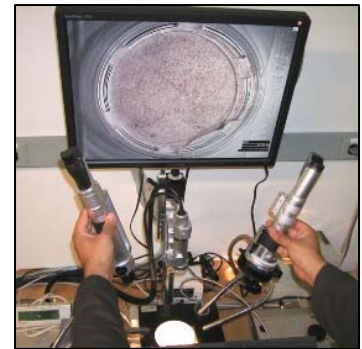
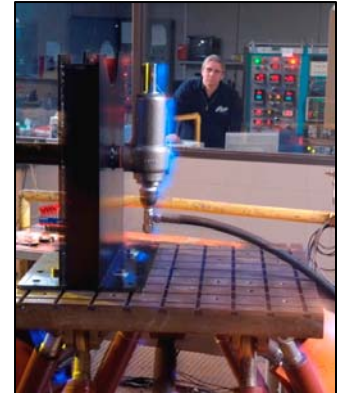
- Atmospheric Modeling
- Radiochemistry and Chemical Analysis
- Mercury, Heavy Metals and Analytical Control
- Environmental Assessments

### Nuclear Waste & Tritium Solutions

- Nuclear Waste Management and Tritium Solutions
- Resin Testing and Process Chemistry
- QA / QC Testing for Resins

### Structural Integrity & Risk Assessment

- Zirconium Metallurgy
- Analytical Fracture Mechanics
- Mechanical Engineering
- Probabilistic Risk Assessment



## KINETRICS INC.

800 KIPLING AVENUE,  
TORONTO, ONTARIO,  
CANADA, M8Z 6C4

PHONE: 416.207.6000, FAX: 416.207.6532

E-MAIL: [INFO@KINETRICS.COM](mailto:INFO@KINETRICS.COM)

[WWW.KINETRICS.COM](http://WWW.KINETRICS.COM)