

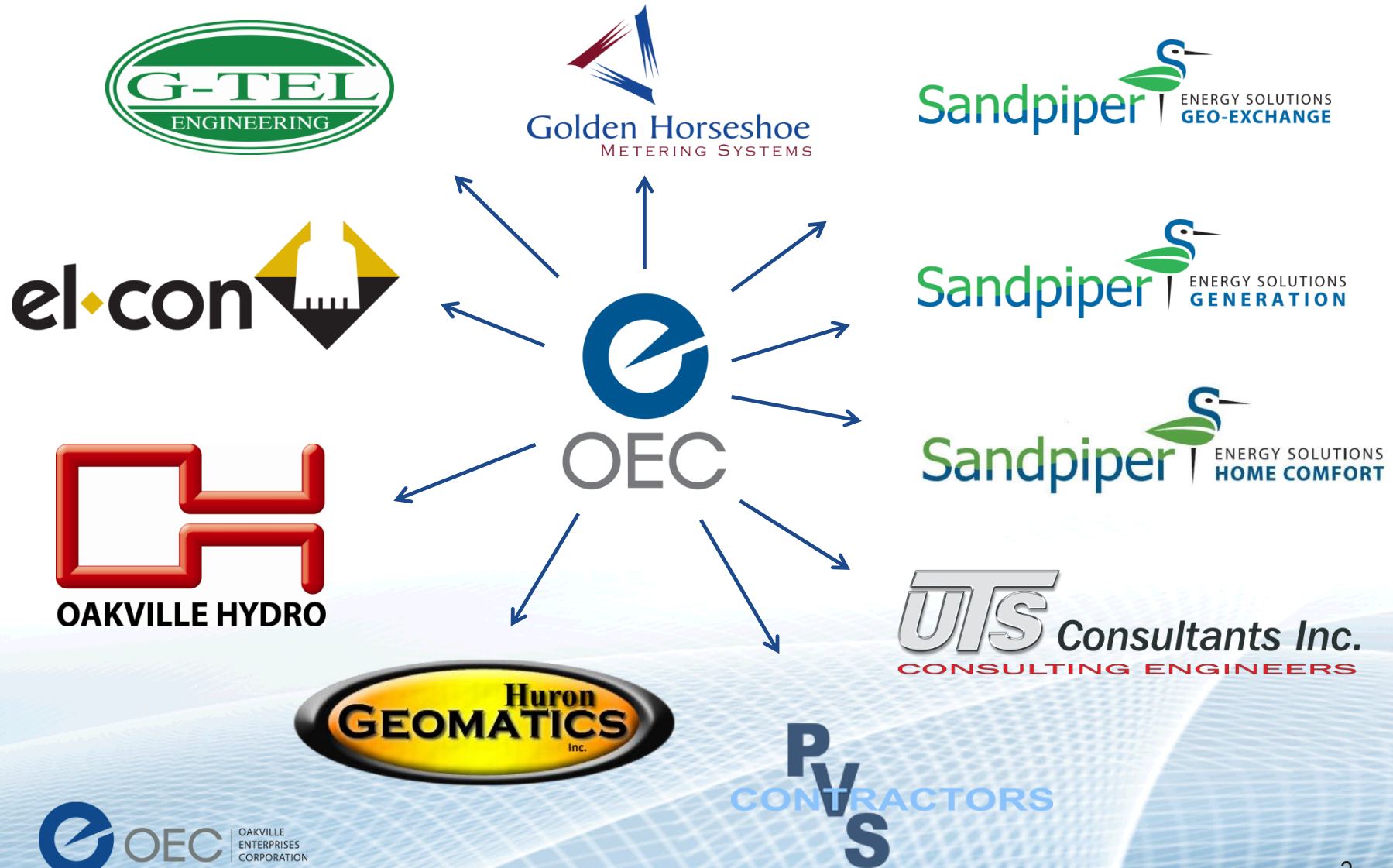


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OAKVILLE ENTERPRISES  
CORPORATION



# OEC & Sandpiper Generation Business Unit



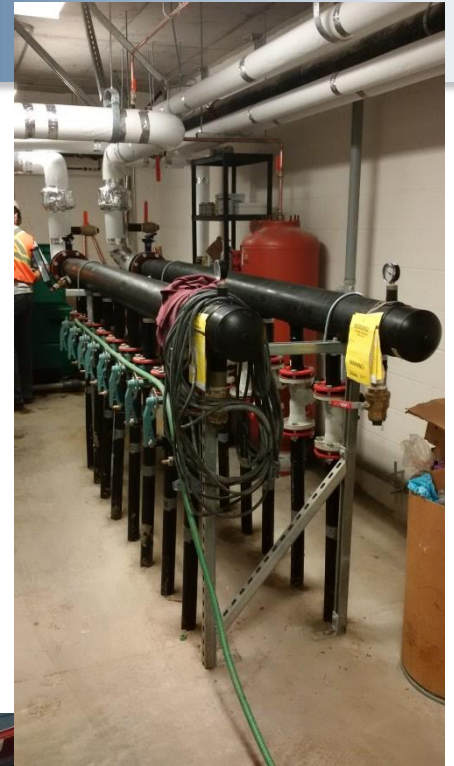
# Mission Statement

“Invest in renewable and high efficiency distributed thermal and electrical generation projects, that create reasonable utility rates of returns by partnering with hosts using sound, proven technology”

# Sandpiper Geo-Exchange

## The Eddy Geo-Exchange

- Geo-Exchange Wells & Heat Pump Technology
- 161kw Thermal Contract
- 30-Yr Capacity Based Contract
- Operating Since May 2014
- Ottawa, Ontario



# Sandpiper Geo-Exchange

## Ironstone



- Geo-Exchange Wells & Heat Pump Technology
- 250kw Thermal Contract
- 30-Yr Capacity Based Contract
- Operating Since May 2012
- Burlington, Ontario



# Sandpiper Geo-Exchange

## The Seasons



- Geo-Exchange Wells & Heat Pump Technology
- 182kw Thermal Contract
- 30-Yr Capacity Based Contract
- Operating - March 2016
- Burlington, Ontario

# Sandpiper Geo-Exchange

## Union Lofts

- Geo-Exchange Wells & Heat Pump Technology
- 175kw Thermal Contract
- 30-Yr Capacity Based Contract
- Operating - 2016
- Toronto, Ontario



# Sandpiper Geo-Exchange – 861 Redwood

- 100kw Thermal Contract
- Equipment Displacement
- Commissioning
- Oakville, Ontario



# Why do we like Geo-Exchange?

## Utility Model:

- Long term ownership model: 30-Yr Contract
- Energy business: electricity and natural gas
- Utility rate of return
- Opportunity to combine with other services such as metering
- Relatively simple system with high reliability and low risk of failure

## Strong Partner

- Real & Strong Balance Sheet
- LDC Affiliation Code: OEB does not allow any non-compliance
- Focus on Growth and Leadership

## Strategic Importance: Path to Carbon Reductions

# Perspectives on Geo-Exchange

## Demographics

“Builders”: WW 1& 2, Depression

“Baby Boomers”: Got everything

“Gen X”, “Gen Y”, “Gen Z”???

China / Global Economy  
Gap Between Rich & Poor  
Carbon

# We Have Work To Do

## The Story

- QUEST 2015 (Municipalities, Developers)
- Efficiency doesn't matter any more

## Threats

- Opportunistic Developers
- Credibility & many claims of geo exchange

# What is Geo-Exchange??

## Thermal Energy Storage

(Energy Storage)



IESO (2015 LTEP)  
MOECC  
OEB  
LDC's

# Financing Ownership

- Remote Monitoring
- Thermal balance of design
- Thermal balance of building operations
- Maintenance & Operation
- Condo Board Relationships
- Shut-Downs
- Risk:
  - Development
  - Operation
  - Construction (Empire Niagara)

