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# Our Future in an Increasingly Decentralized Electricity System

**Peter Gregg**

*President and Chief Executive Officer,  
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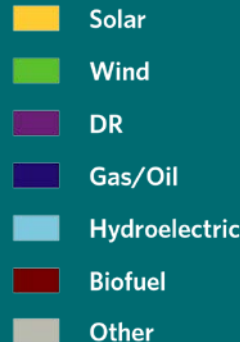
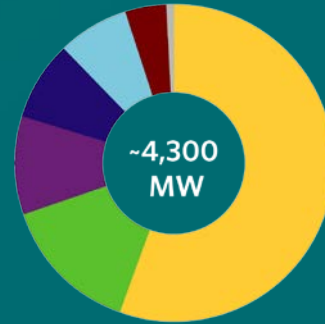


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1. Our future: an increasingly important relationship
  2. What meaningful engagement looks like
  3. Enabling innovation is a priority

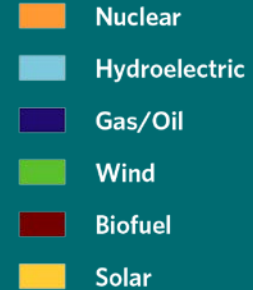
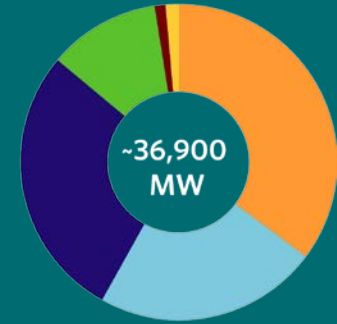


# Distributed energy resources are changing our electricity landscape

## Distribution-Connected Capacity\*

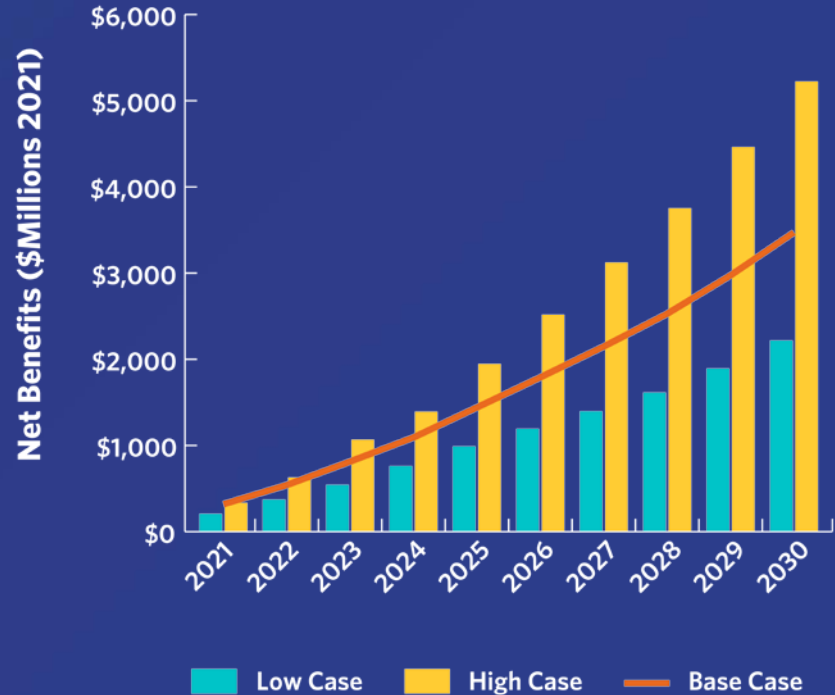


## Current Transmission-Connected Capacity



\* In-service and under development

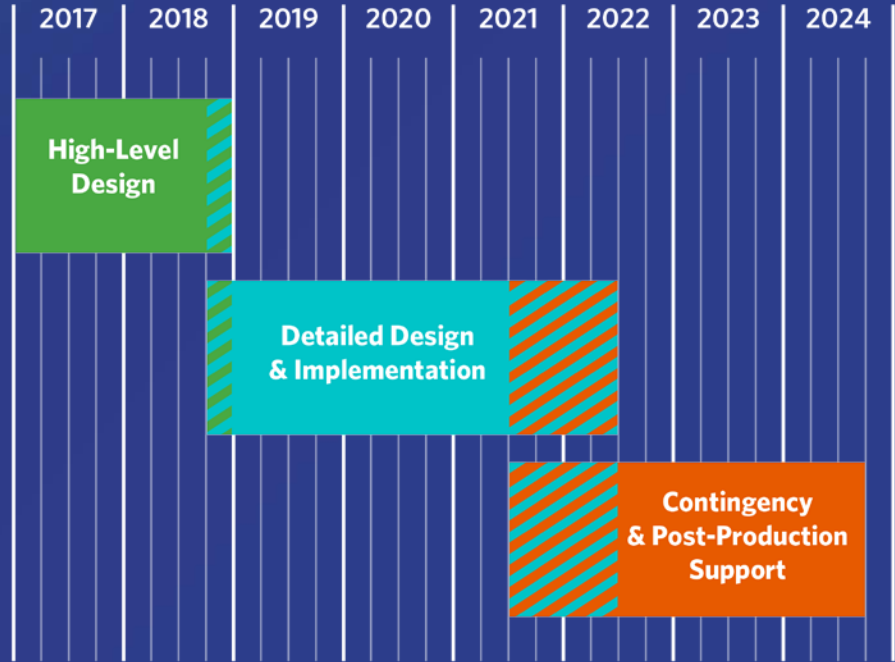
Market Renewal  
expected to result  
in up to \$5.2 billion  
in efficiency  
improvements



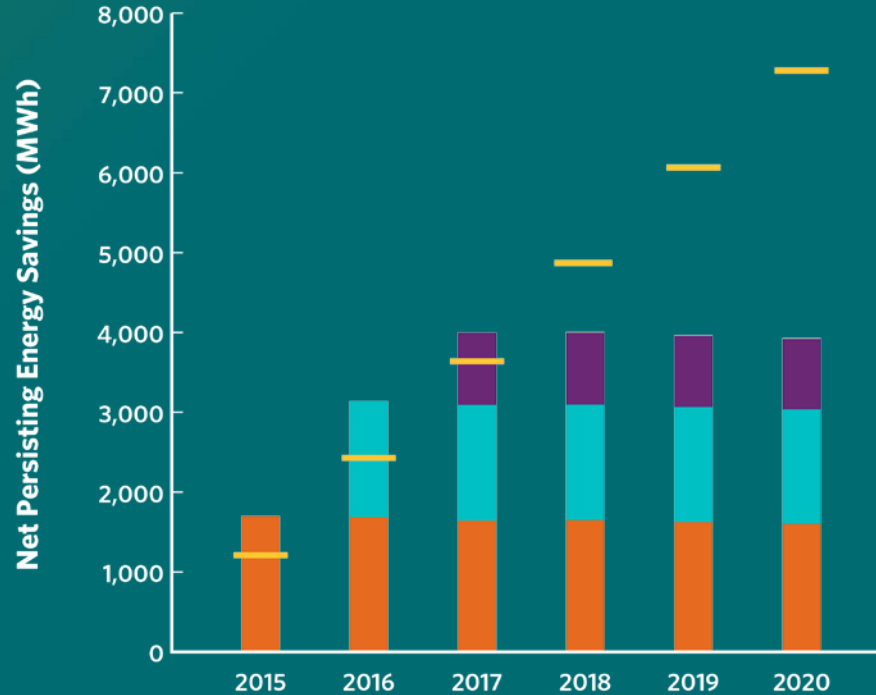
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## Two streams for Market Renewal:

- Energy
- Capacity



# Building a culture of conservation



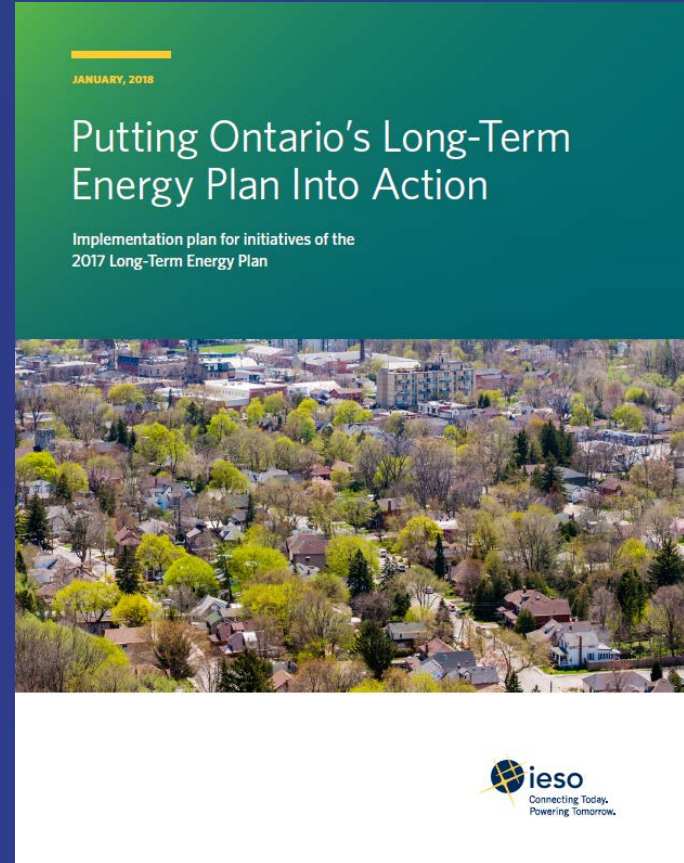
Energy Savings Targets

Energy savings continuing to 2020

2015 2016 2017 2018


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# Policy implementation informed by engagement



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# Meaningful collaboration with the IESO

A stylized map of Ontario, Canada, rendered in a light teal color. The map is overlaid with four white text labels, each positioned to represent a different advisory body. The labels are: 'Energy Transformation Network of Ontario' at the top, 'Data Strategy Advisory Council' in the center-right, 'Stakeholder Advisory Committee' at the bottom-left, and 'Cybersecurity Forum' at the bottom-right.

Energy Transformation  
Network of Ontario

Data Strategy Advisory Council

Stakeholder Advisory  
Committee

Cybersecurity  
Forum



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# Enabling innovation to create value for Ontario



Cyber threats  
are increasing  
in sophistication  
and frequency

**information age**

**Cyber attacks become number 1  
business risk**

*The New York Times*

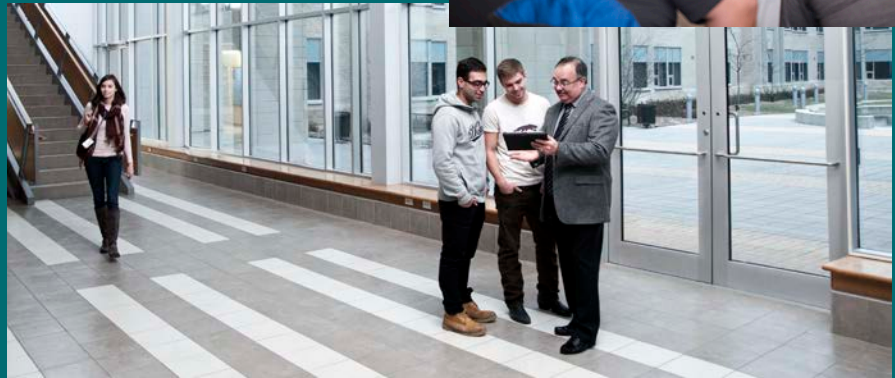
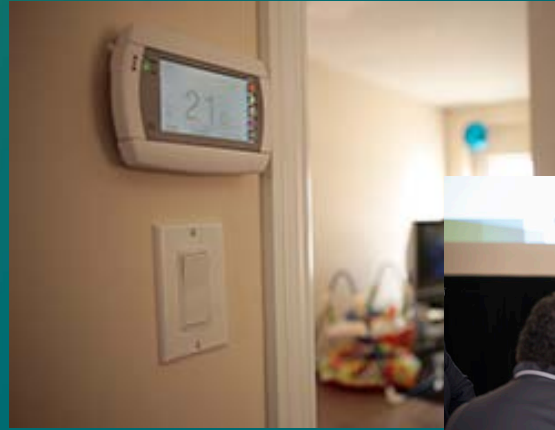
*Hackers Are Targeting Nuclear Facilities,  
Homeland Security Dept. and F.B.I. Say*

**ITPRO**  
IT ANALYSIS. BUSINESS INSIGHT.

**500 new cyber threats emerge every minute**

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# Leveraging data to create innovative products and services





# Our future: key areas of collaboration

- Distributed energy resources
- Market Renewal
- Conservation
- Long-Term Energy Plan implementation
- Cybersecurity
- Meter Data Management and Repository

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