

North America



World Energy Markets Observatory 2018/2019

The US and Canada are on track to meet Copenhagen goals, but significantly behind the Paris Accord targets

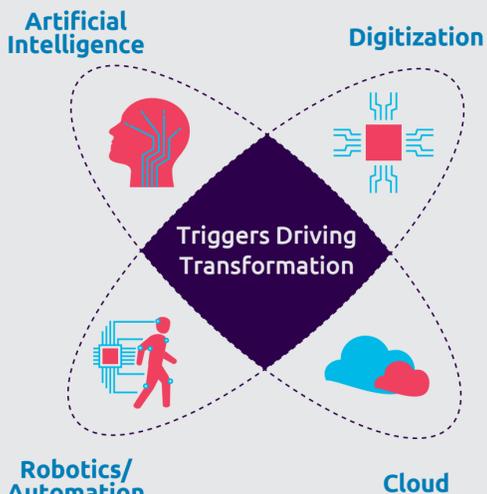
2017 a year of significant transformation and accelerated disruption.

Energy and utilities companies must address two contradictory requirements: the need to innovate and the need to economize.

Key Trends



- 2017 witnessed continued progress on carbon pricing initiatives at the regional level, and 2018 will be a critical year for implementation.
- As the US federal government retreats on climate change, US cities continue to accelerate climate action, aimed at fulfilling the Paris Accord targets.
- The Canadian Auditors-General's report indicates that most provinces are not on track to meet emission-reduction targets.
- US energy-related CO₂ emissions declined by 14% from 2005 to 2017.
- While emissions in the US continue to fall, the pace of decline slowed from an annual average of 1.3% between 2005 and 2016 to under 1% in 2017.
- 2017 witnessed a historic leap in contributions from renewable energy.
- AI will be the brain of the future smart grid.



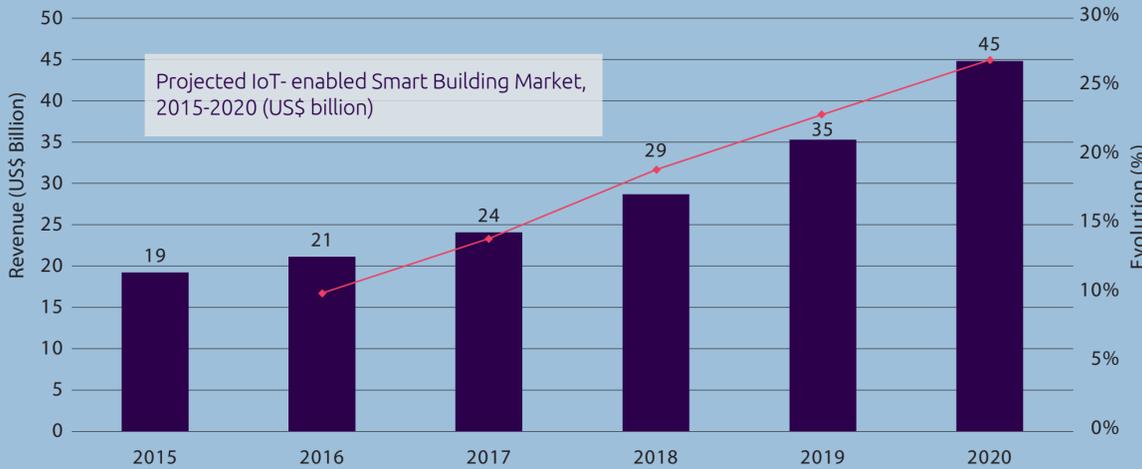
Levelized Cost of Energy

The increasing use of technologies has resulted in a decline in costs, particularly for solar PV installations



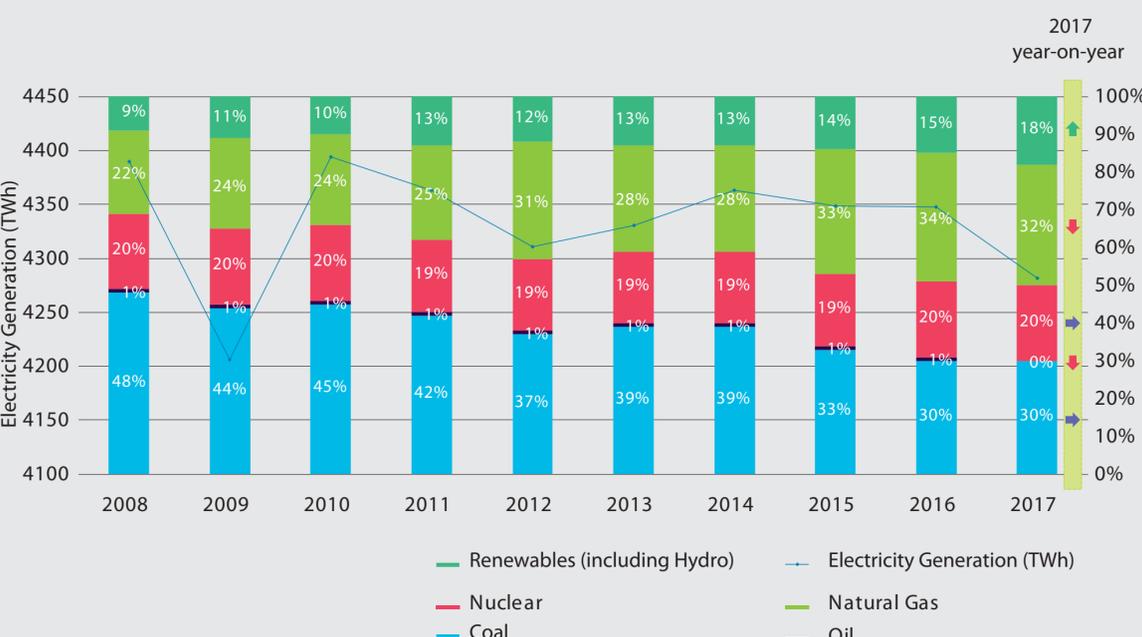
Smart Buildings

2018 will witness continued growth in the usage of Internet of Things (IoT) located in this region



Electricity Generation

2017 witnessed a historical leap in contribution from renewable energy



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