

Ministry Status on United Nations 2030 Sustainable Development Goals

SUSTAINABLE DEVELOPMENT GOAL	ACHIEVEMENTS/ACTIONS TAKEN SINCE 2014	ACTIONS PLANNED	ADDITIONAL COMMENTS
1. End poverty in all its forms everywhere	Launched a program on January 1, 2016 that provides on-bill rate relief for low-income electricity consumers (Ontario Electricity Support Program, or OESP), which was recently enhanced to provide larger credits and reach more vulnerable consumers. The First Nation Delivery Credit, part of the Ontario’s Fair Hydro Plan, was implemented on July 1, 2017. It provides a credit equal to 100% of the electricity delivery charge on the bills of on-reserve First Nation residential customers.	Continue delivering the OESP.	
2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture			
3. Ensure healthy lives and promote well-being for all at all ages			
4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all			
5. Achieve gender equality and empower all women and girls			
6. Ensure availability and sustainable management of water and sanitation for all			
7. Ensure access to	2013 Long-Term Energy Plan adopted a Conservation First policy in energy planning,	Reaffirm commitment to Conservation First	1

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affordable, reliable, sustainable and modern energy for all	approval and procurement processes. Launched six-year (2015 to 2020) frameworks to govern the delivery of electricity and natural gas conservation and energy efficiency programs, including programs targeted to low-income and on-reserve First Nations customers, to achieve 8.7 TWh of electricity reductions and 22,600 million cubic metres of natural gas savings in 2020. Ontario is working with other provinces and the federal government to improve and harmonize efficiency standards across Canada, including exploring opportunities and strategies to develop market for high-efficiency products and appliances to support net-zero buildings. Since the beginning of 2015, Ontario has brought online about 2,000 MW of renewable generating capacity and about 2,000 MW more have been contracted for but have yet to come online. Ontario's renewable energy procurements include the FIT, microFIT and Large Renewable Procurement. The province also signed the Green Energy Investment Agreement with Samsung in 2010 which includes a commitment to build 1,369 MW of renewable capacity. Ontario has updated its net metering regulation to allow for any sized renewable energy project and for the pairing of energy storage with renewable energy systems. The intent of the updated net metering framework is to support customer choice in generating clean, renewable energy, help reduce load on the electricity system and enable innovative technologies and customer-utility relationships. ENERGY's Municipal Energy Plan (MEP) program supports the efforts of municipalities to better understand their local energy needs, identify opportunities for energy efficiency and GHG emissions reductions, support economic development and local business opportunities, and develop plans to meet their goals.	policy; continuing to explore ways to integrate conservation and energy efficiency in the energy system. Ontario will work consider further opportunities to integrate the delivery of all conservation and low-carbon technology programs, for both electricity and fuels. Ontario's Long-Term Energy Plan will be published in Fall 2017 and will introduce policies and initiatives that will ensure Ontario has a clean, reliable and affordable energy system into the future, including: expanding the net metering regulation further to allow third-party ownership of systems and enabling virtual net metering pilot projects. ENERGY continues to promote the MEP program and engage with municipalities to support program participation. The Ministry of Energy is committed to continuing to support the involvement of Indigenous communities in the energy sector, including in transmission, conservation and small-scale distributed renewable generation. Ontario will continue to work with the federal government towards a fair cost sharing agreement so that the project to connect remote First Nations to the electricity grid can move forward to construction.	
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	The MEP program is available to all municipalities across Ontario. Currently the MEP program has 21 successful participants representing 34 municipalities across Ontario. As a result of incentives built into renewable energy programs, First Nations and Metis are leading or partnering on over 550 wind, solar and hydro-electric projects across Ontario, accounting for over 2,000 megawatts of clean energy capacity. The First Nation Delivery Credit, part of the Ontario’s Fair Hydro Plan, was implemented on July 1, 2017. It provides a credit equal to 100% of the electricity delivery charge on the bills of on-reserve First Nation residential customers. There are 25 remote First Nation communities in Ontario’s northwest that rely on diesel fuel to power their communities. Ontario has taken steps to begin the connection of most of these remote First Nations to the provincial electricity grid including: selecting Wataynikaneyap Power as the transmitter for connecting most of the remote First Nations, creating a mechanism for funding a portion of project costs and working to reach a fair cost sharing agreement with the federal government so that the project can be fully funded and proceed to construction. Implemented measures to reduce the costs of electricity for residents and business, including: • Launching a program on January 1, 2016 that provides on-bill rate relief for low-income electricity consumers (Ontario Electricity Support Program, or OESP), which was recently enhanced to provide larger credits and reach more vulnerable consumers. • An 8% rebate of electricity costs for residential and other eligible consumers. • An expansion of Rural or Remote Rate Protection to serve 800,000 customers with high distribution costs. Continued to invest in projects that demonstrate the value of cutting-edge technologies through Ontario’s Smart Grid Fund, leading to more reliable systems	Renewal and enhancement of the Smart Grid Fund.	
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	and jobs / growth opportunities for participating businesses.		
8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	Continued to invest in projects that demonstrate the value of cutting-edge technologies through Ontario's Smart Grid Fund, leading to more reliable systems and jobs / growth opportunities for participating businesses.	Renewal and enhancement of the Smart Grid Fund.	
9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	Nearly 100 First Nations in Ontario are participating in the Aboriginal Community Energy Plan program and developing community-led energy plans to assess current energy needs, priorities and explore options for conservation and renewable energy. The Independent Electricity System Operator published a study (2015) that found the transmission system is resilient enough to substantially withstand most extreme weather scenarios, but recommended continued monitoring and refinement of climate scenarios. A few Local Distribution Companies have undertaken vulnerability assessments and are integrating adaptation concerns into planning and operations.	The next Long-Term Energy Plan, to be released in Fall 2017, is expected to include actions to strengthen the ability of the energy sector to anticipate the effects of climate change.	
10. Reduce inequality within and among countries			
11. Make cities and human settlements inclusive, safe, resilient and sustainable			
12. Ensure sustainable consumption and production patterns			
13. Take urgent action to combat climate change and its impacts	In 2014, the province completed the single-largest climate change initiative in North America by completely eliminating coal-fired electricity generation. Greenhouse gas emissions from Ontario's electricity sector have fallen by 80% since 2005.	Reaffirm commitment to Conservation First policy; continuing to explore ways to integrate conservation and energy efficiency in the energy system.	

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	2013 Long-Term Energy Plan adopted a Conservation First policy in energy planning, approval and procurement processes. Launched six-year (2015 to 2020) frameworks to govern the delivery of electricity and natural gas conservation and energy efficiency programs, including programs targeted to low-income and on-reserve First Nations customers, to achieve 8.7 TWh of electricity reductions and 22,600 million cubic metres of natural gas savings in 2020. Ontario is regulating energy efficiency of more than 80 products using all fuels and used in residential, commercial and industrial sectors. Since 2013, Ontario improved or set new energy efficiency standards for over 60 products. Ontario is working with other provinces and the federal government to improve and harmonize efficiency standards across Canada, including exploring opportunities and strategies to develop market for high-efficiency products and appliances to support net-zero buildings.	Ontario will work consider further opportunities to integrate the delivery of all conservation and low-carbon technology programs, for both electricity and fuels. Enabling Ontario households and businesses to access and share their energy data in a secure, standardized format through the Green Button standard to promote energy and water conservation. Ontario will continue to set advanced efficiency standards for products and appliances and work with other provinces and the federal government in order to support net zero buildings and enable a transition to a low carbon economy. Through the Long-Term Energy Plan, Ontario’s Ministry of Energy is working to align with broader provincial efforts to reduce GHGs under the province’s Climate Change Action Plan (CCAP). The Ontario Climate Change Action Plan, released in June 2016, outlines a commitment for the province to work with First Nation communities to develop renewable microgrid solutions to reduce diesel reliance in remote First Nations.	
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14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development			
15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss			
16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels			
17. Strengthen the means of implementation and revitalize the global partnership for sustainable development			

Ministry: Ministry of Energy
Date: 08/01/2017