

JANUARY 22, 2022

2021 Year End Performance Results

Internal Measures

5-Year Strategic Objectives	5-Year Measure	5-Year Strategic Outcome (Strategic Achievement Defined)	2021 Target	2021 Result
Stakeholder Trust Enhance stakeholders' trust in IESO to operate in best interests of Ontario	4. Stakeholder Satisfaction – Engagement process	A 5-year target of 84%.	80%	79%
Affordability, Reliability, Sustainability Deliver optimized balance to ensure best overall electricity outcomes for Ontario	5. Cost Effectiveness – Forecast accuracy	Have annual forecast error within +/- 2.5% (actual vs. forecast).	+/- 2.25%	2.03%
Affordability, Reliability, Sustainability Deliver optimized balance to ensure best overall electricity outcomes for Ontario	6. Cost Effectiveness – Resource balance: Energy Curtailments to total production	10% improvement to 'right size' the system and achieve resource adequacy and effectiveness of meeting energy and ancillary services needs for Ontario.	1.76%	1.55%
Affordability, Reliability, Sustainability Deliver optimized balance to ensure best overall electricity outcomes for Ontario	7. Cost Effectiveness – Resource balance: annual energy / operating reserve shortage frequency	10% improvement to 'right size' the system and achieve resource adequacy and effectiveness of meeting energy and ancillary services needs for Ontario.	0.049%	0.058%

External Measures

5-Year Strategic Objectives	5-Year Measure	5-Year Strategic Outcome (Strategic Achievement Defined)	2021 Target	2021 Result
Affordability, Reliability, Sustainability Deliver optimized balance to ensure best overall electricity outcomes for Ontario	8. Reliability – Number of forced outages to resources above 250 MW and the length of time they are out	Measure of probability that thermal facilities greater than 250 MW will be unavailable due to forced outages to thermal fleet below 9.2% annually.	<9.2%	7.3%
Affordability, Reliability, Sustainability Deliver optimized balance to ensure best overall electricity outcomes for Ontario	9. Reliability – Number of extended forced outages to transmission facilities above 230 kV and length of time they are out	Forced outages and extensions to outages over four hours in duration to significant transmission elements is below 334 annually which is the five-year historical high.	<334	221
Affordability, Reliability, Sustainability Deliver optimized balance to ensure best overall electricity outcomes for Ontario	10. Market Efficiency – Market cost/revenue transparency index	The transparency index increases by 1% and represents the proportion of revenues received by suppliers (or payments from consumers) for electricity in the wholesale market to the total costs of supplying the electricity.	19.2%	24.8%

IESO 2021 Performance Results

Legend

Colour	Performance Level
Dark Green	Exceeds
Green	Met
Dark Orange	Did Not Meet