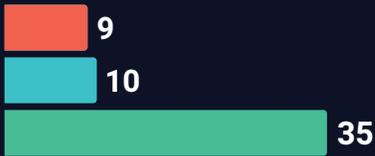


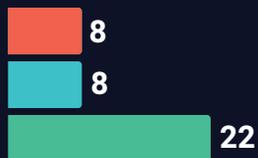
## POLICY AREA SCORES



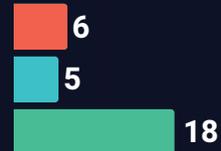
### PROGRAMS



### ENABLING POLICIES



### BUILDINGS



### TRANSPORTATION



### INDUSTRY



## STRONG START, BUT UNCERTAINTY CAUSING STUMBLES

Alberta went from zero to middle of the pack in energy savings. The province had no programs in 2016, and then saved as much electricity as long-time programs operating in British Columbia and Manitoba in 2017. Alberta is also one of the first provinces to adopt the 2017 National Energy Code for Buildings, and is an early leader in programs to finance efficiency upgrades.

Alberta ranked 6<sup>th</sup> in Canada's first Provincial Energy Efficiency Scorecard, earning 30 points out of 100.

Yet, the cancellation of the carbon levy that funded many programs creates uncertainty, and abruptly stopping programs damages consumer confidence and industry capacity. As the province develops a new climate change strategy, energy efficiency is a way to keep energy affordable and manage the GHG emissions outside of those covered by industrial regulations. Alberta remains the only province that does not integrate energy efficiency within its electricity and natural gas systems to avoid more expensive power plants, fuel purchases, and transmission networks.

### STRENGTHS

**Electricity Savings:** Electricity savings from new measures installed in 2017 were equal to 0.8% of domestic sales. In the same year, BC saved 0.6% and Manitoba saved 0.9%. The province could ramp up further to the levels seen in Ontario (1.4%) and Massachusetts (2.6%).

**Financing:** Alberta enables financing energy upgrades through property tax bills via Property Assessed Clean Energy (PACE). In addition, the Green Loan Guarantee Program is unique because it de-risks loans by utilities and financial institutions. These policies spur a private market for financing energy savings.

### AREAS FOR IMPROVEMENT

**Policy Stability and Savings Targets:** Policy uncertainty threatens to damage the growth of the energy efficiency industry. A new policy framework should help all Albertans save energy (i.e. residential, commercial, industrial, and low-income customers) and set targets based on prioritizing energy efficiency if it is lower cost than energy generation options. Saving a kilowatt-hour is estimated to cost 2.4 cents, compared to the 5.5 cents cost of natural gas generation.\*

\*Alberta's Energy Efficiency Potential & Canadian Energy Research Institute



Efficiency  
Canada



Carleton  
UNIVERSITY