

Fast & Fair Climate Action

Background, Motivations, and Positions

BACKGROUND: FAST

- Net-zero emissions by 2050 is the bare minimum target for limiting global warming to 1.5°C, as outlined by IPCC¹
- 68% of Calgarians either support or strongly support targeting net-zero by 2050²
- 45% of Albertans think demand for oil will decline as a net result of global economic growth and net-zero targets around the world. Only 19% think oil demand will rise.³ Albertans recognize growth in oil production can't continue to fuel our economic growth
- Calgary's direct emissions come from carbonized electricity (42%), transport fuels (33%), fossil (natural) gas (24%) and waste (1%)⁴

MOTIVATIONS: FAIR

- *Resilient Cost of Living*
 - Calgarians need a cost of living which is resilient to dramatic changes to the cost of carbonized energy (through decreased use/exposure to carbonized energy)
 - Extreme weather events, such as the June 2020 hailstorm and 2013 flood cost billions directly and increase the cost/risk of insurance over time^{5 6}
- *Poverty and Equity*
 - The effects of climate change, including severe weather events, migration from affected areas, and new diseases, disproportionately affect racialized and marginalized populations
 - Calgarians deserve a city that doesn't leave already vulnerable people vulnerable to further negative outcomes from climate change
 - Calgarians need a 15-minute city with whole neighbourhoods and good transit that allows non-drivers access to the same services as drivers
- *Economic Resilience and Competitiveness*
 - Calgarians need an economy that is resilient to dramatic changes in the economic viability of the oil and gas sector
 - Increasingly, investors are targeting net-zero emissions and need low carbon places to operate. Calgary's carbon footprint will make it an expensive place to do business

Positions

- *Amend Climate Resilience Strategy* to target net-zero by 2050
- *Amend Sustainable Building Policy* to require all new publicly owned buildings to be net-zero
- Pass bylaw to allow use of Clean Energy Improvement Program (CEIP), a form of *PACE financing*
- Completion of the *Green Line, including the portion from Eau Claire to 16th Ave*
- ENMAX to adopt targets of:
 - *Achieve 50% of 2016 emissions⁷ (1.3 million tonnes/year) by 2030*
 - *Achieve 10% of 2016 emissions (0.26 million tonnes/year) by 2040*
 - *Achieve net-zero by 2050 (Already committed)*
- Increased access and safety for active transportation modes such as *walking and biking*
- Transit that is *affordable, accessible, convenient and connected*
- Increased access and support for *electric vehicle adoption and charging*
 - System level support for at home charging
 - Support for alternatives to at home charging
- Double Calgary's *tree canopy* to from 8.3%⁸ to 16%

Sources

1. <https://www.ipcc.ch/sr15/chapter/spm/>, see C.1
2. <https://www.pembina.org/media-release/two-thirds-albertans-support-reaching-net-zero-emissions-2050> (page 14 in doc)
3. <https://abacusdata.ca/clean-energy-technology-ambitious/>
4. Calgary Climate Resilience Strategy, page 25, figure 2
5. <https://www.cbc.ca/news/canada/calgary/northeast-calgary-hail-storm-insurance-1.5894145>
6. <https://globalnews.ca/news/4254206/2013-calgary-flood-insurance-changes/>
7. <https://www.enmax.com/AboutUsSite/Reports/ENMAX-2018-CR-REPORT-GRI.pdf>
8. Climate Resilience Strategy, p. 47

FAST & FAIR CLIMATE ACTION



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