



EDC Associates Ltd.

Impact of Net-0 on AB's Electric Industry & Economy

Prepared For:

IPPSA Get to Net-Zero Webinar

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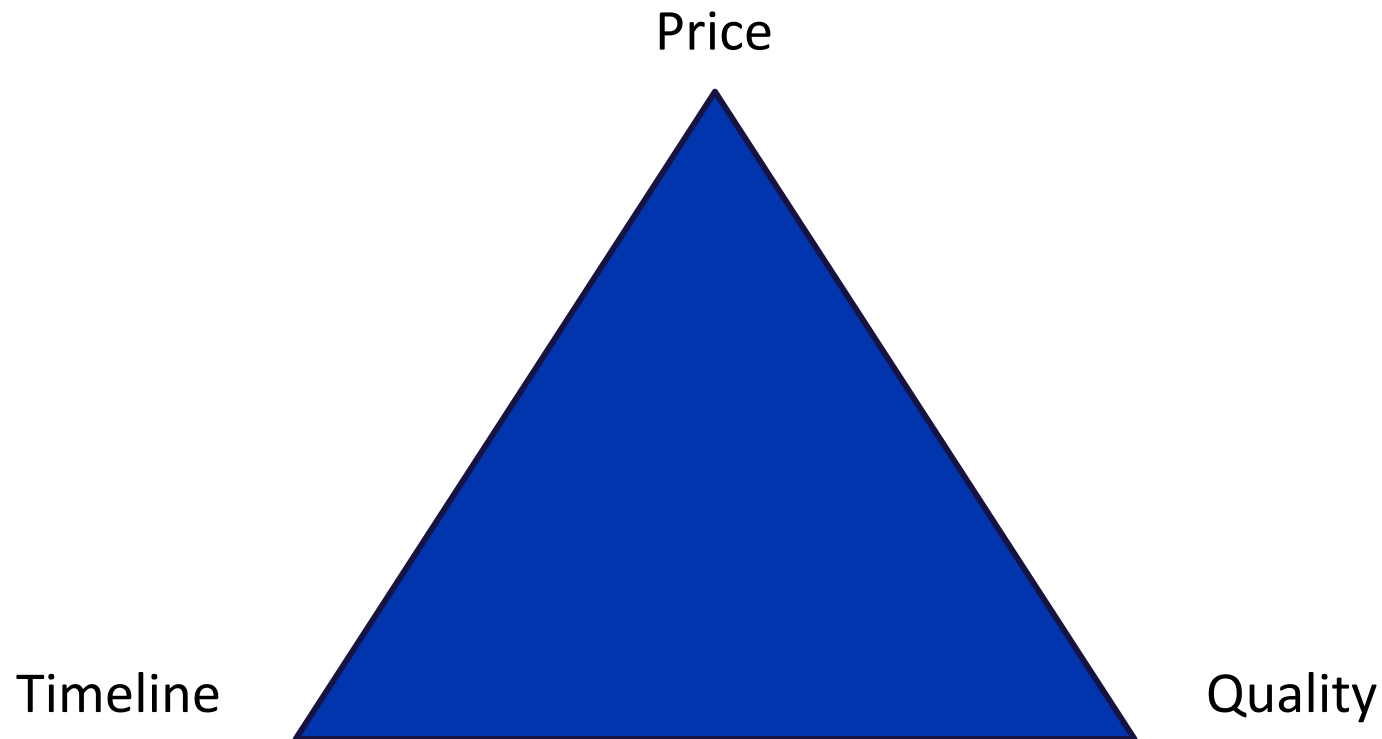
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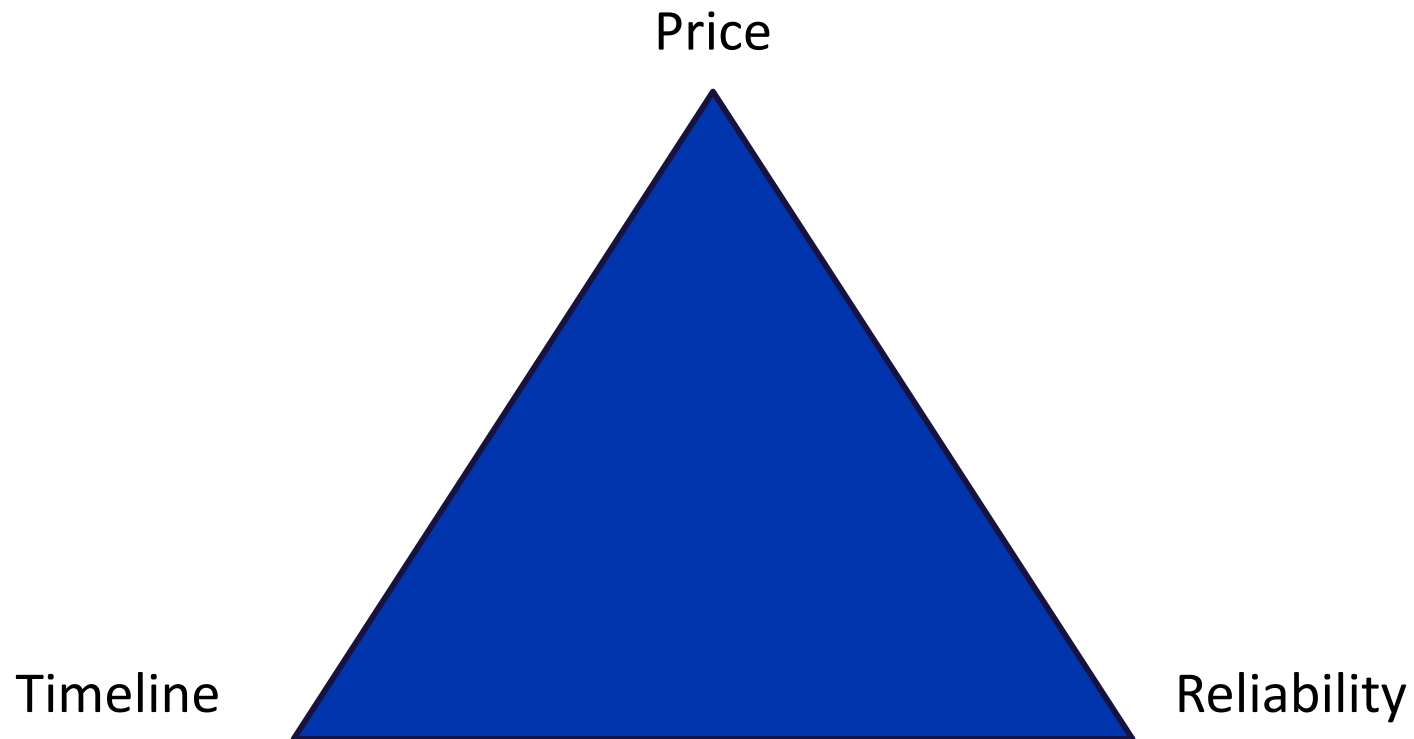
Value Proposition – Anything

- Most things can be assessed or procured using a three-pronged value proposition
- But to be rational, you can only pick any two of the three:
 - If it is needed quickly and to be of high quality
 - then it cannot be cheap



Value Proposition – Net-Zero Electricity

- The electric industry is no different:
 - If net-zero is required prior to commercially available technology to get there
 - With a high degree of reliability – which is a must
 - Then it is not likely to be cheap – with out any cross-cutting subsidies to enable it



AB Electricity Emissions – Gross, AIES & Excl-NAICS Oil Sands Cogens

- Alberta has achieved significant results to-date and is expected to out do reduction targets by 2030 yielding 48% reduction by as soon as 2025 relative to 2005 levels
- Reaching 68% when excluding NAICS classified cogen facilities
- But is not expected to get to net-zero by 2035 – with out additional technological & \$\$\$ support

