

TD Securities
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This presentation may contain forward looking statements, including statements regarding the business and anticipated financial performance of TransAlta Corporation. All forward looking statements are based on our beliefs and assumptions based on information available at the time the assumption was made. These statements are not guarantees of our future performance and are subject to a number of risks and uncertainties that may cause actual results to differ materially from those contemplated by the forward looking statements. Some of the factors that could cause such differences include cost of fuels to produce electricity, legislative or regulatory developments, competition, global capital markets activity, changes in prevailing interest rates, currency exchange rates, inflation levels, unanticipated accounting or audit issues with respect to our financial statements or our internal control over financial reporting, plant availability, and general economic conditions in geographic areas where TransAlta Corporation operates. Given these uncertainties, the reader should not place undue reliance on this forward looking information, which is given as of this date. The material assumptions in making these forward looking statements are disclosed in our 2010 Annual Report to shareholders and other disclosure documents filed with securities regulators.

Unless otherwise specified, all dollar amounts are expressed in Canadian dollars.

TransAlta at a glance

- ▶ Canada's largest publicly traded wholesale power generator & marketer with over 100 years of operating experience
- ▶ Over 8,000 MW strategically positioned in Canada, Western U.S. and Australia
 - ▶ More than 2,100 MW of renewable energy
- ▶ 3,100 MW of new assets added during last ten years
- ▶ Revenues of ~\$3 billion generated from an asset base of over \$9 billion
- ▶ Enterprise value of ~ \$10 billion with a market cap of ~\$5 billion
- ▶ Investment grade credit ratings
- ▶ Listed on Toronto and New York stock exchanges



▶ **Coal:**
4,317 MW



▶ **Gas:**
1,813 MW



▶ **Hydro:**
912 MW



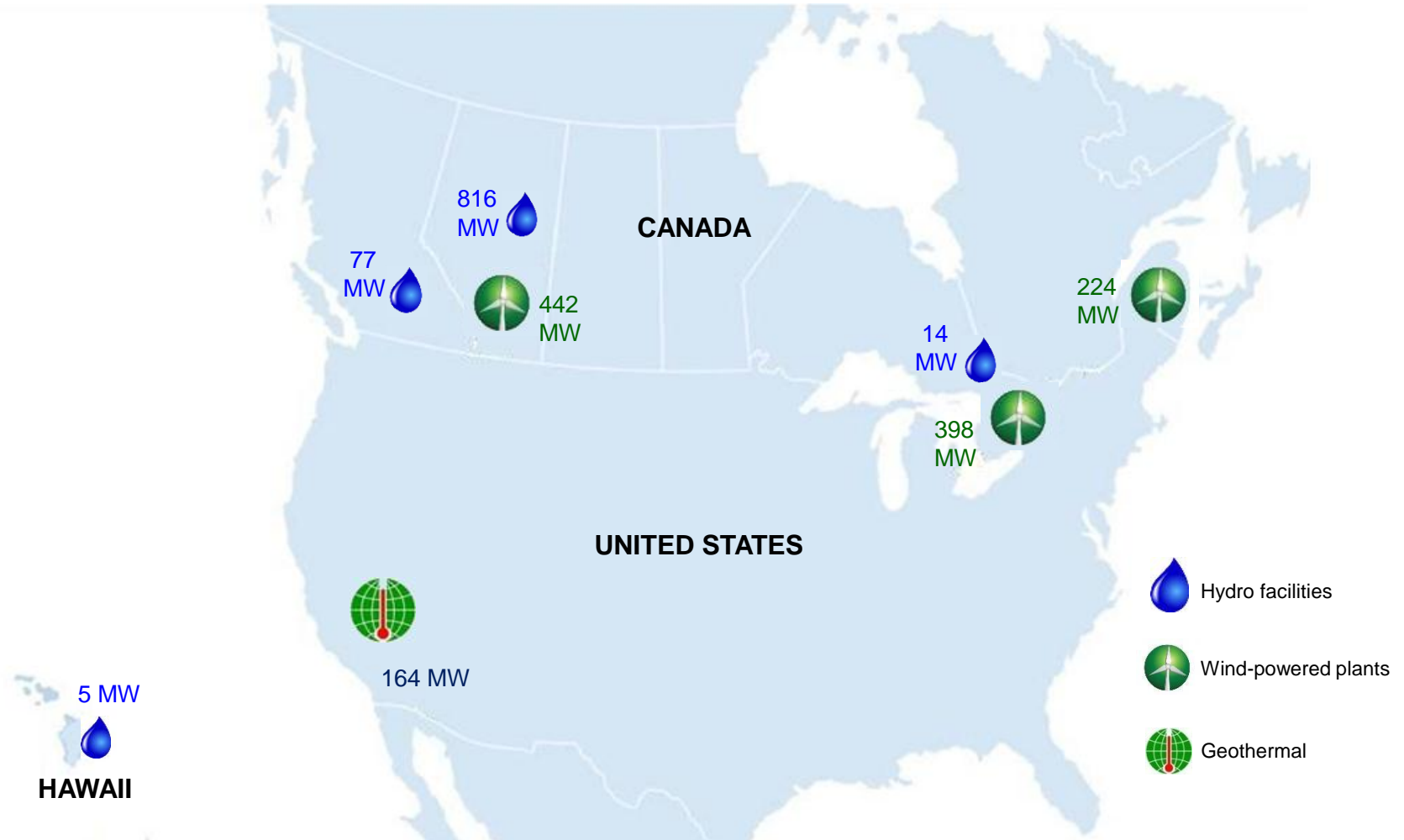
▶ **Wind:**
1,064 MW



▶ **Geothermal:**
164 MW

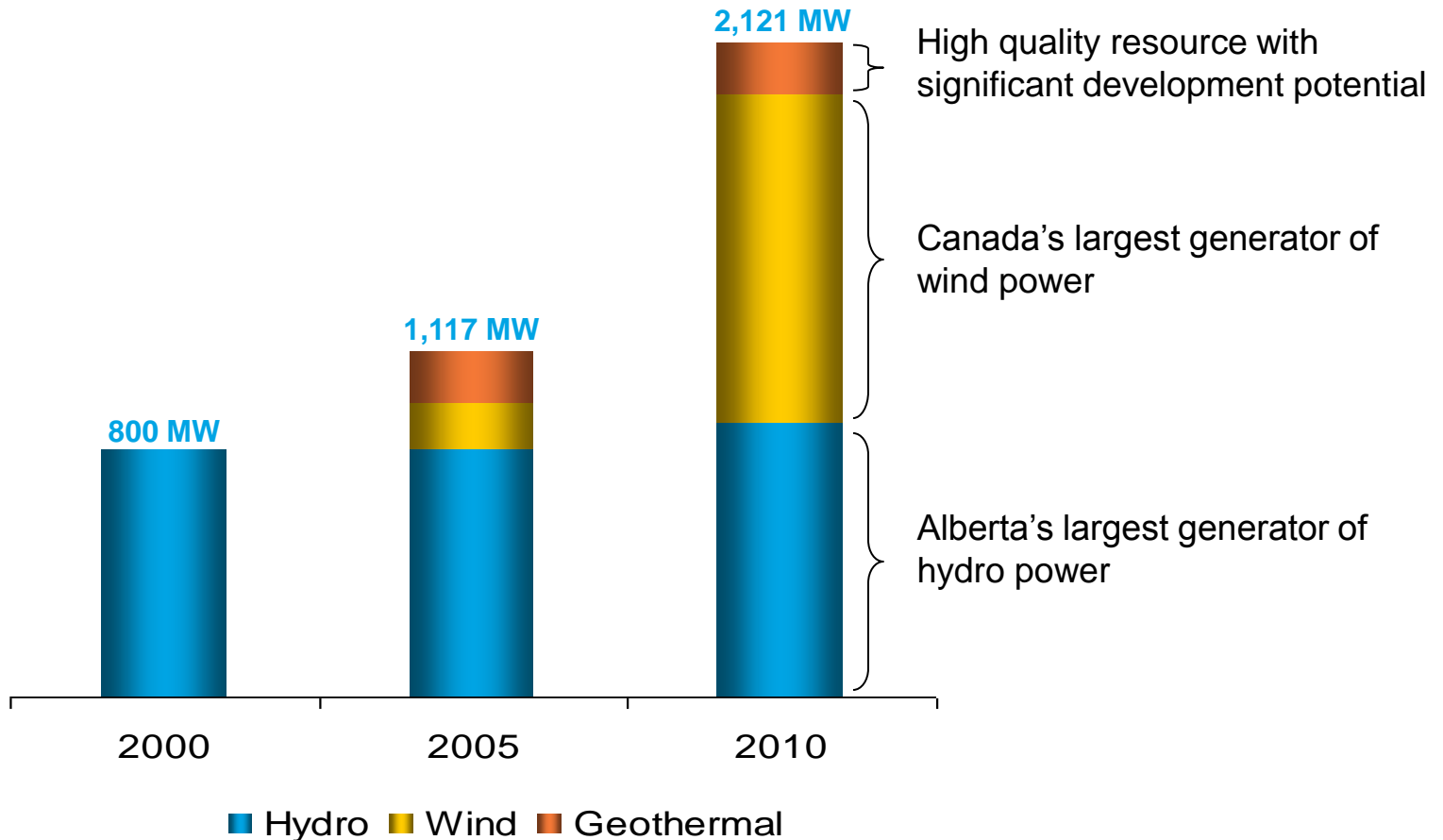
TransAlta's renewable fleet

Canada's leading provider of renewable energy; invested more than \$2.5 billion in renewable energy over the last decade

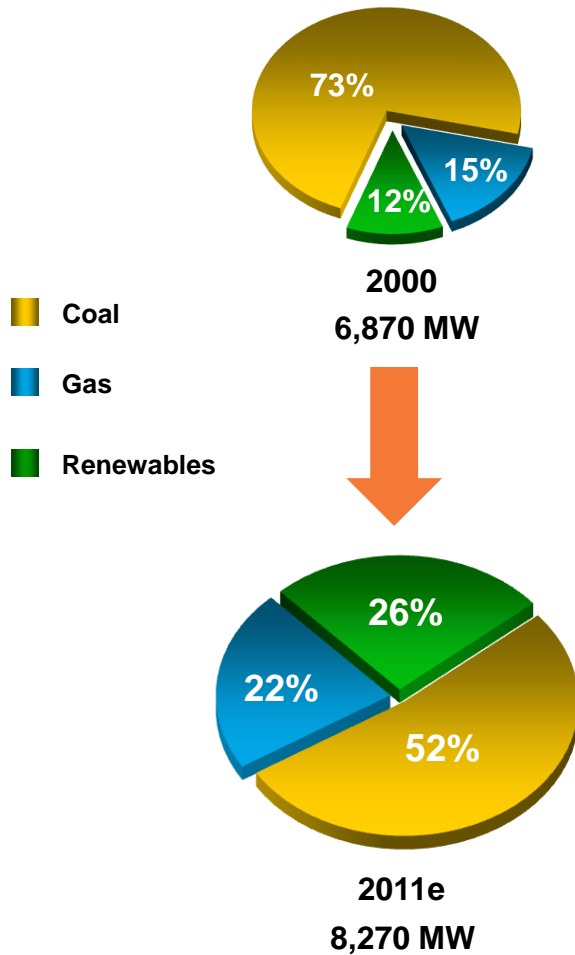


We have significantly diversified and more than doubled our renewable portfolio over the last decade

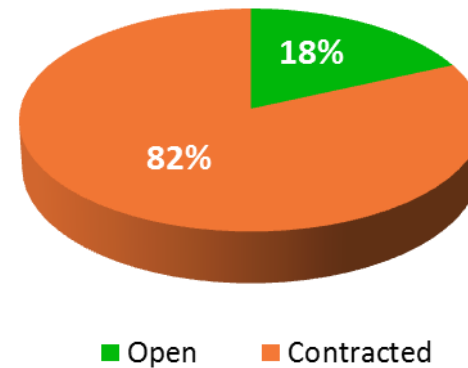
Renewable Portfolio Capacity



Renewables now account for 26% of our portfolio



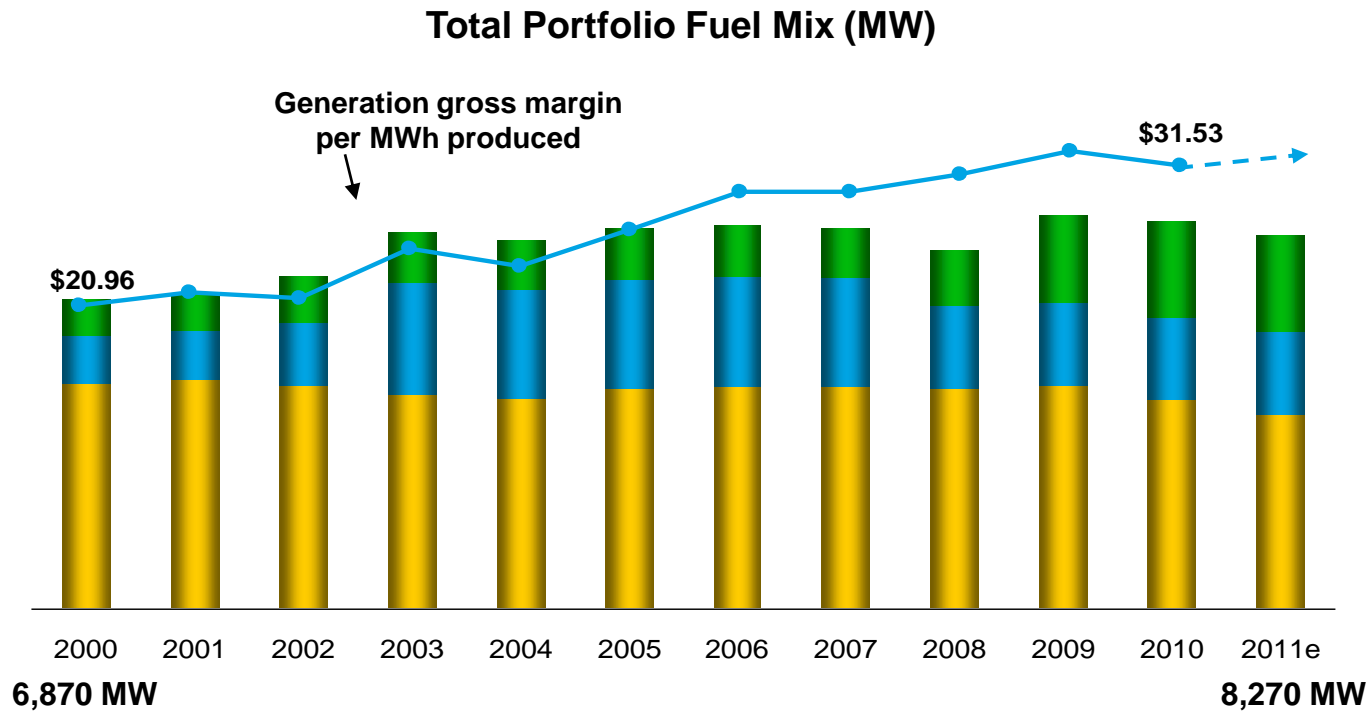
Highly contracted with some leverage to price



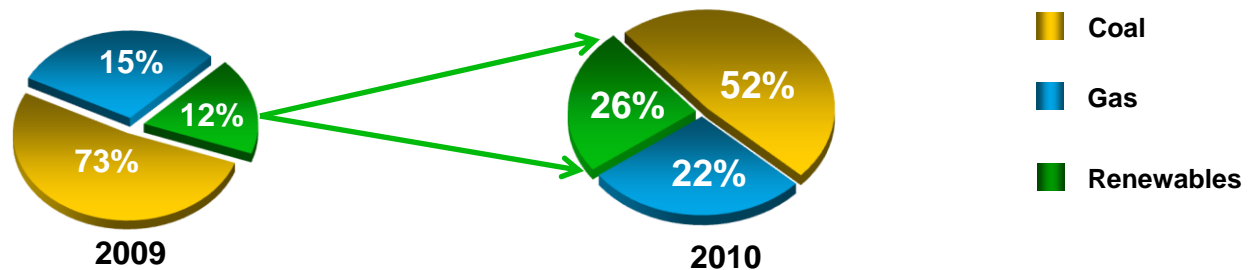
Average remaining contract life: 13 years

Renewables driving increase in gross margins

Diversified growth & optimization have driven a 50% increase in gross margins

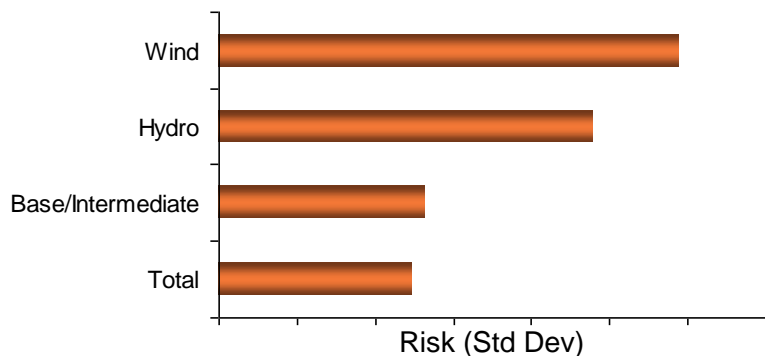


Comparable Generation Gross Margins by Fuel Type

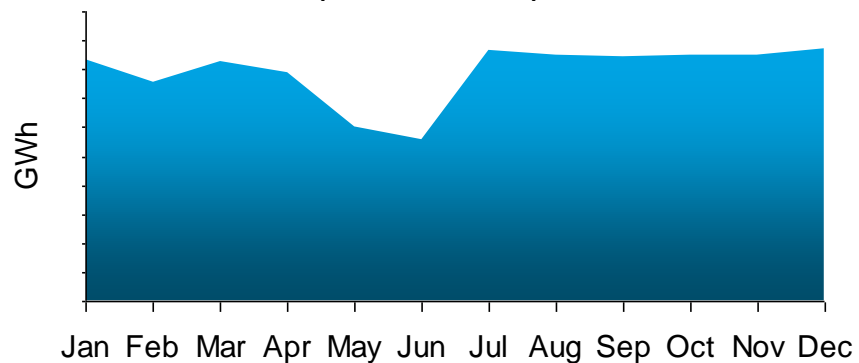


2011 Expected production by fuel type

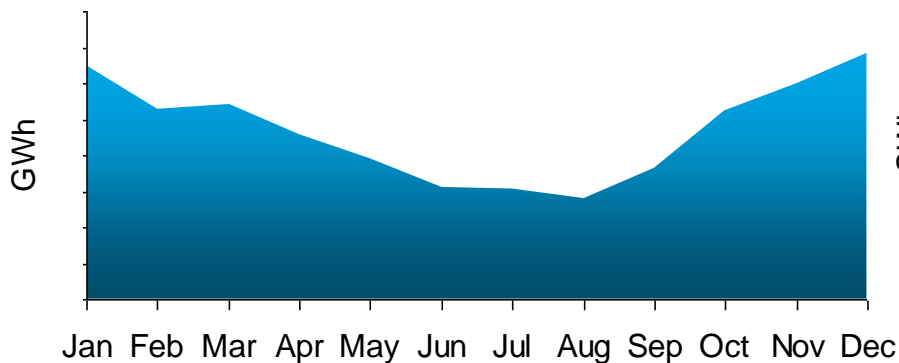
Production Monthly Variability (Std Dev/Avg)



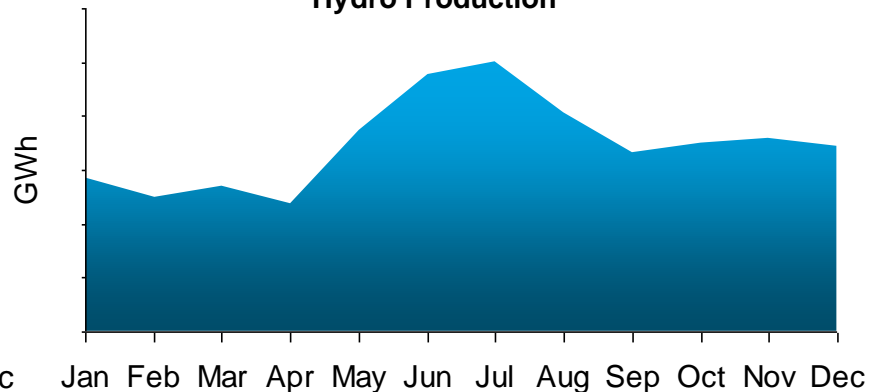
Base and Intermediate Load Production (Coal, Gas, Geo)



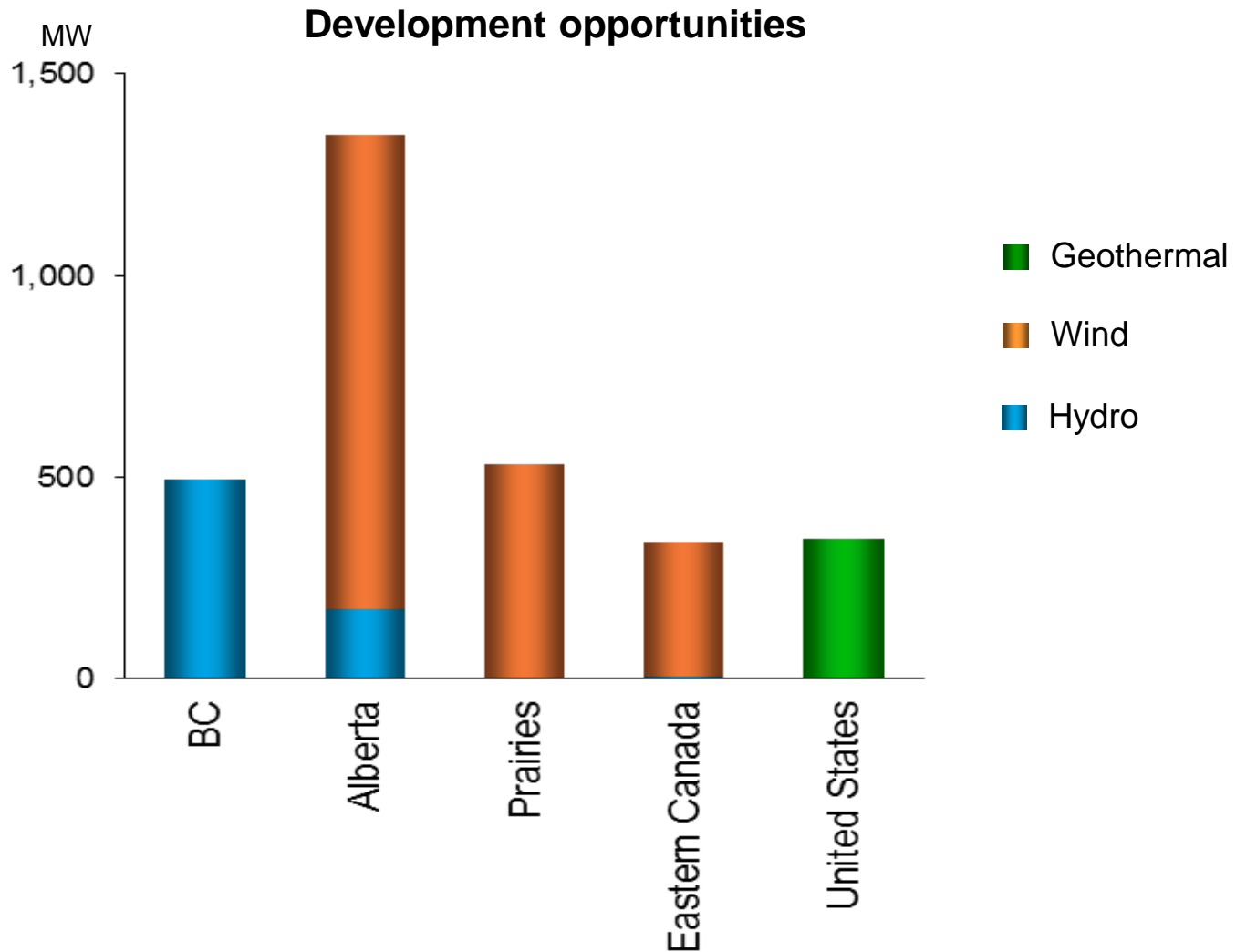
Wind Production



Hydro Production



Significant near, medium and long-term renewable development opportunities



- ▶ Generates attractive returns
- ▶ Diversifies risk
- ▶ Low ongoing capital requirements
- ▶ Provides a broader platform for growth
- ▶ Scale allows for sharing of operational expertise and standardized practices