

# { CIBC Institutional Investor Conference { Whistler, BC



**Brian Vaasjo, President & CEO**  
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# Capital Power's strategy creates value throughout business cycle

*Independent power producer (IPP) strategy consistent since IPO*



- We develop, acquire and operate larger facilities, maintaining discipline on geography, technology and fuel type
- One of the dominant power producers in the Alberta power market

# Fleet aligned with business strategy in 2012



## *Commission 292 MW from two wind projects on time and under budgets*

- Quality Wind - COD Nov/12 and ~10% under budget
- Halkirk - COD Dec/12 and ~3% under budget

## *Rationalized fleet and sharpened focus*

- Divested small hydro facilities

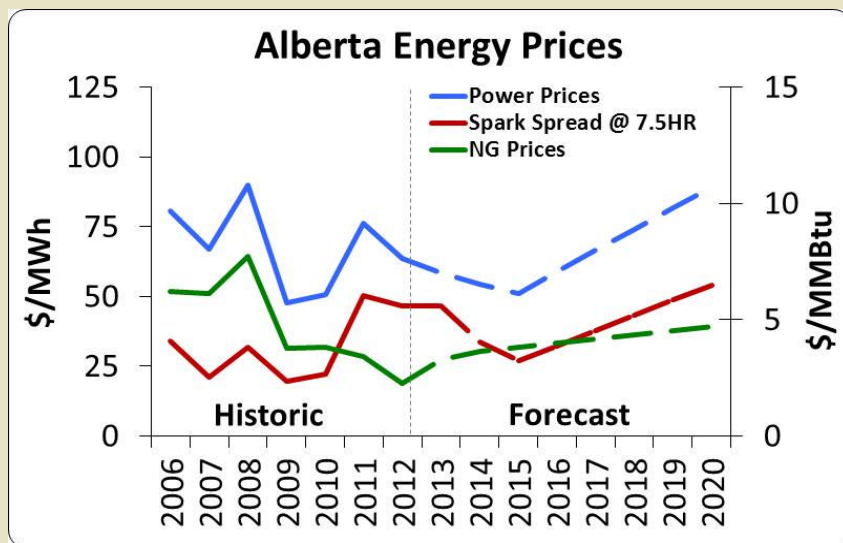
## *Announced major expansion plans in Alberta*

- Acquired a 50% interest (400 MW) in the Shepard Energy Centre with Enmax
  - Natural gas combined cycle facility located SE of Calgary
  - ~50% complete; expected COD early 2015
- Plan to develop the Capital Power Energy Centre; natural gas facility (up to 900 MW)

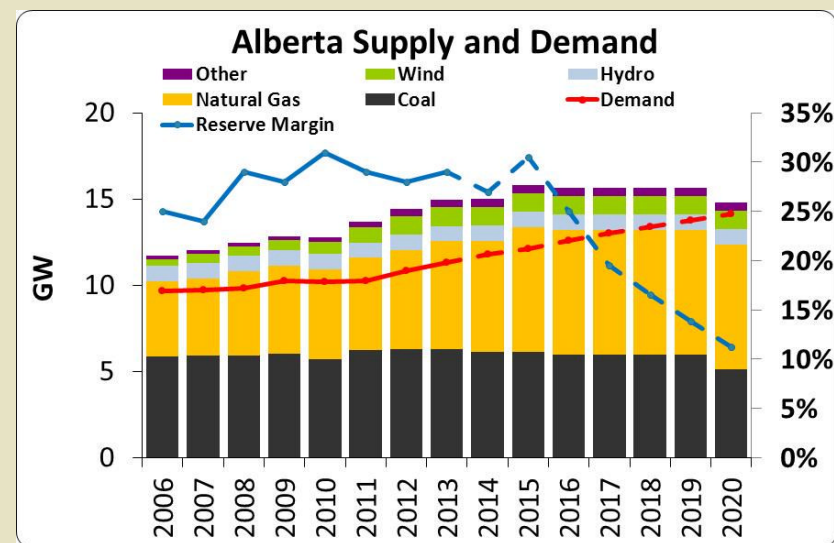
# Alberta market

*Positive long term supply dynamics*

*Forecast spark spreads above historical average*



*Projected reserve margin signals the need for new capacity in the 2017-2020 timeframe*



*AB market design expected to continue to provide timely pricing signals for the addition of new supply*

Source: AESO and CPC Estimates



# Shepard Energy Centre

*Excellent fit with our strategy and will strengthen our position in Alberta*



## *Provides stable cash flows*

- 20-year tolling agreement on 50% of owned capacity with ENMAX
- Additional 25% contracted for 2015-17 which increases cash flow certainty during an expected period of low pool prices in Alberta
- Additional cash flow certainty created by hedging Capital Power's existing portfolio by 100 MW in 2013, 300 MW in 2014 and 100 MW in 2015

## *Located in target region*

- Adds to existing Alberta portfolio which will facilitate additional economies of scale and trading synergies

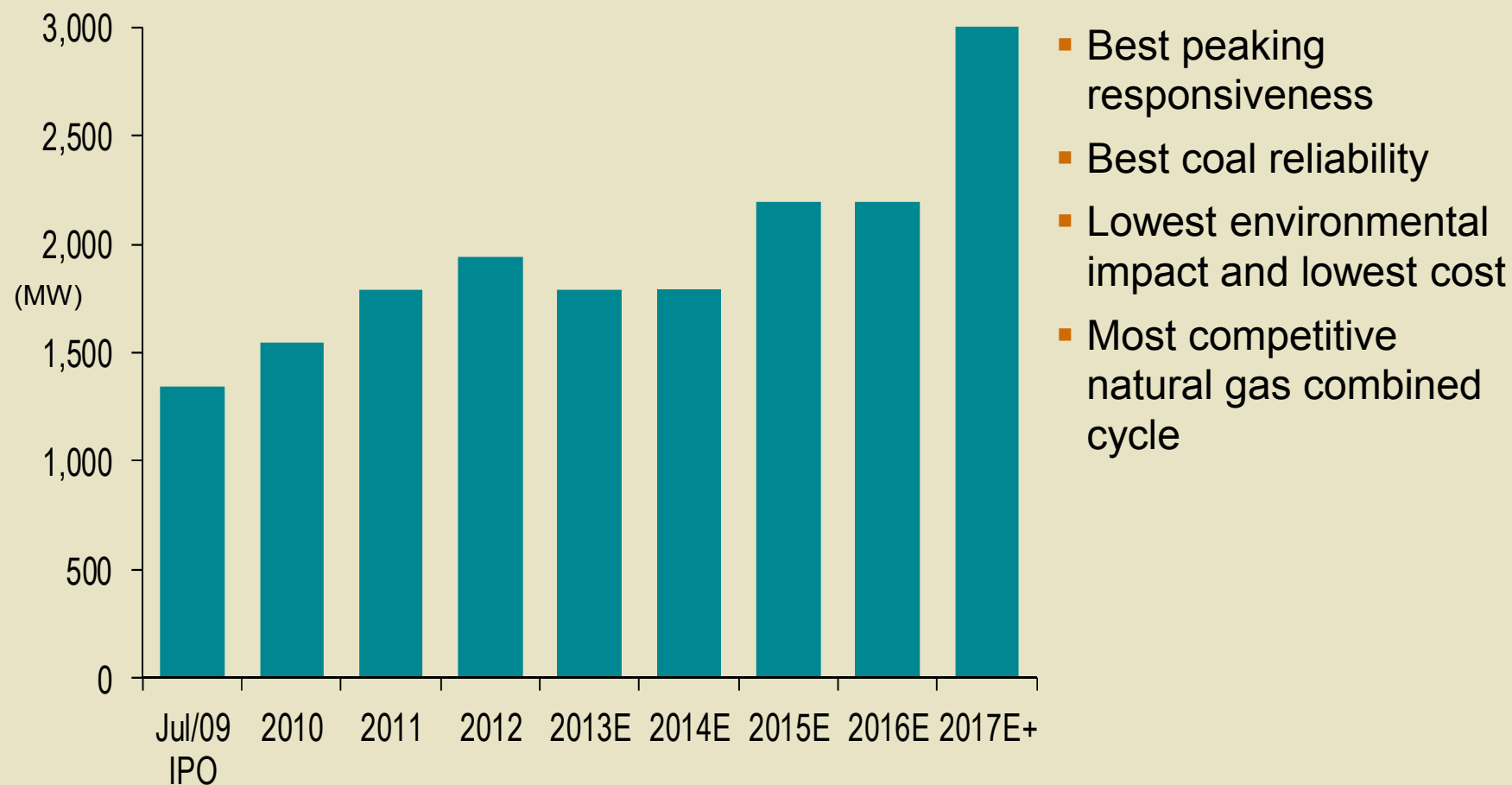
# Capital Power Energy Centre to be built to meet Alberta's power needs

## *Expands our market share in the attractive Alberta market*

- Working with General Electric in the development of the project, and would utilize GE's latest gas turbine technology
  - Looking to partner with 3<sup>rd</sup> party in the development of the project
- Evaluating two attractive sites for the project; both sites have existing infrastructure, utilities and close proximity to gas pipelines and transmission
- Targeting COD in 2017-20 to meet additional supply projected to be required from the province's economic growth and retirements of existing coal-fired facilities

# We will own the best fleet in the fastest growing power market in North America

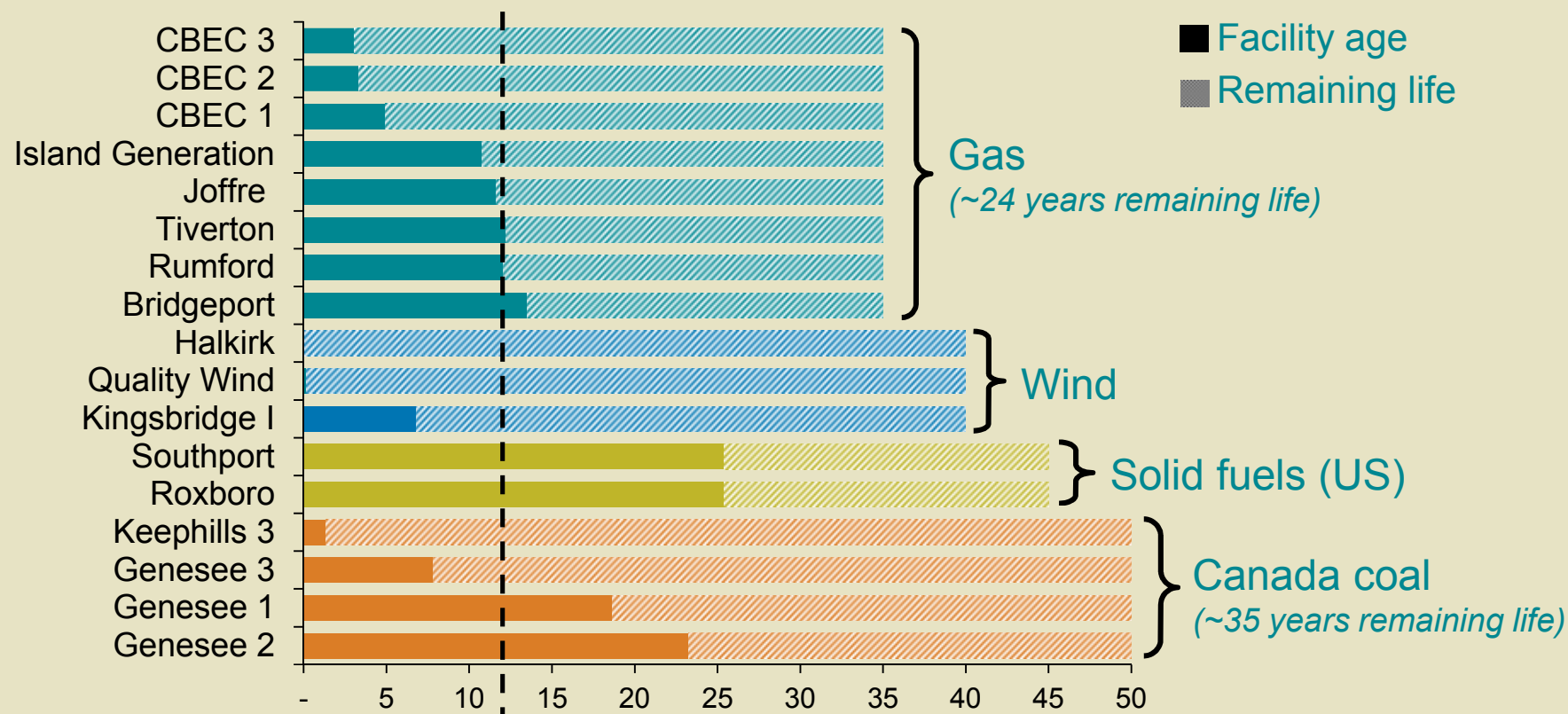
*Expansion plans will increase our Alberta portfolio to ~3,100 MW*



# Modern fleet

*Helps keep availability high and reduces risk of unplanned outages*

- Average weighted facility age of the current fleet is 12.1 years<sup>(1)</sup>
- 2 new wind projects (195 MW) begin commercial operations in 2013 - 2014



(1) Average facility age and remaining life weighted by owned capacity as of Jan1/13.

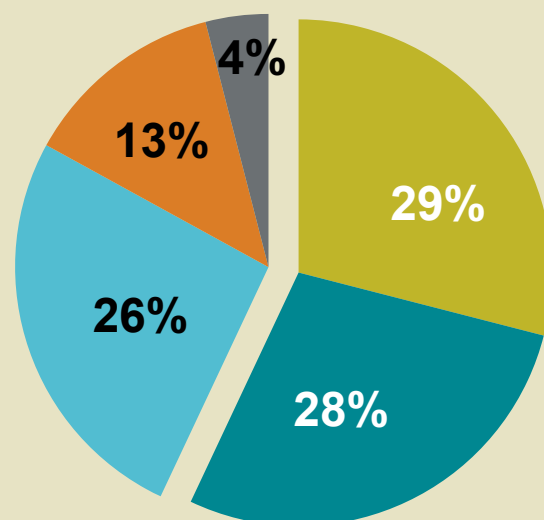


# Balanced portfolio of merchant and contracted generation<sup>(1)</sup>

## Today - 2012

15 facilities (3,603 MW)

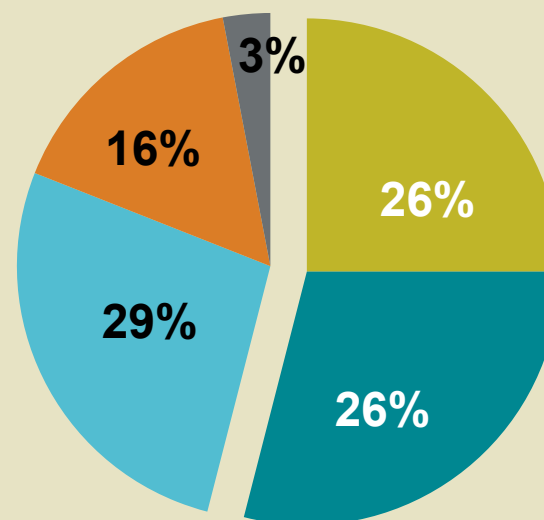
- 43% capacity contracted



## Year-end 2015E

17 facilities (4,048 MW<sup>(2)</sup>)

- 48% capacity contracted



■ AB commercial   ■ US Northeast commercial   ■ Mid-Atlantic contracted  
■ AB contracted   ■ ON / BC contracted

***With the addition of the Shepard facility, contracted operating margin improves to 64% in 2015E compared to 37% in 2012E***

(1) Based on MW owned capacity as of Jan 1/13; excludes Sundance PPA (371 MW) and Clover Bar Landfill Gas (4.8 MW).

(2) Based on existing plants plus committed development projects.

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