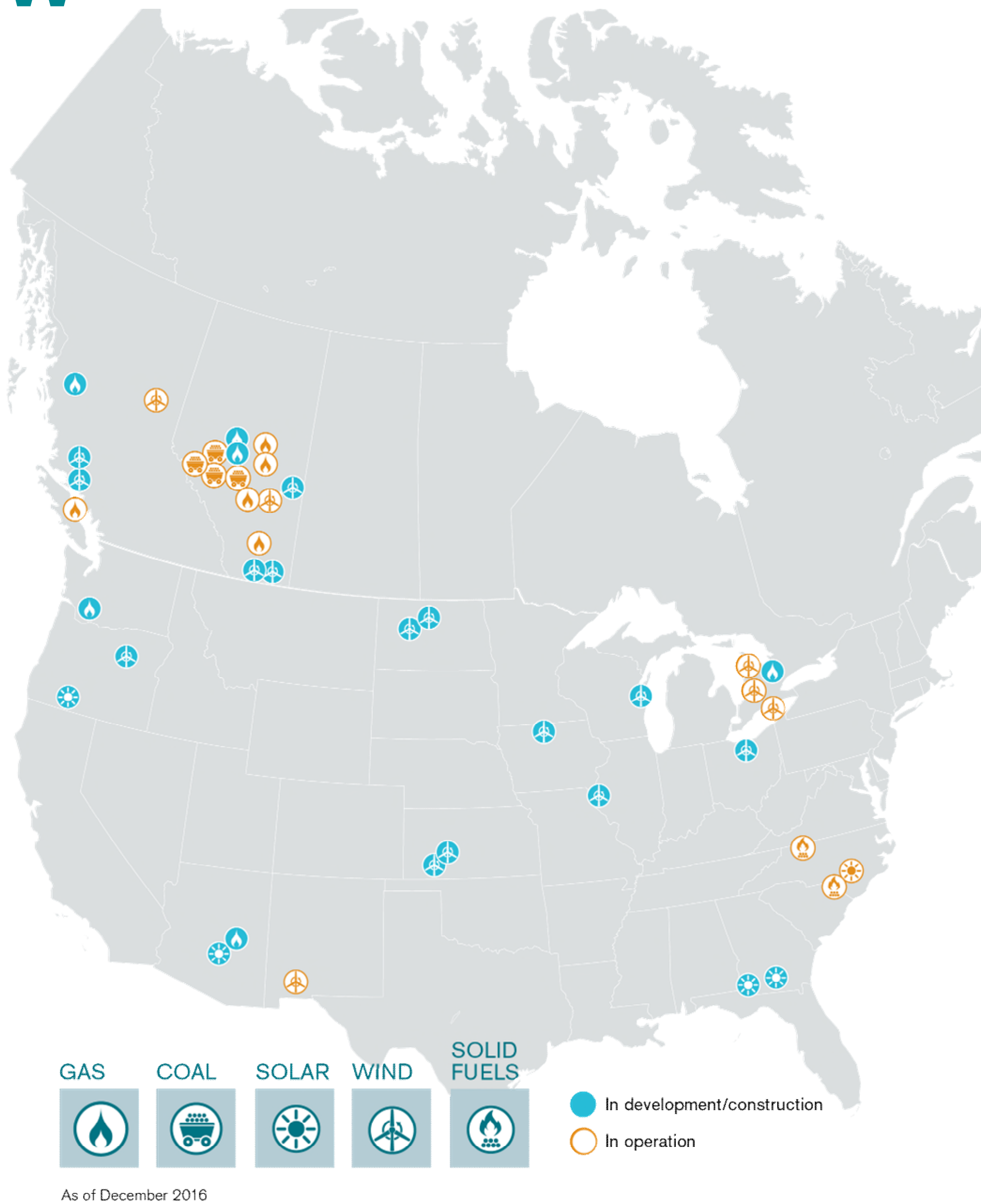
CAPITAL POWER
Investor Meetings
March 2017

Brian Vaasjo, President & CEO
Bryan DeNeve, SVP Finance & CFO

Capital Power overview

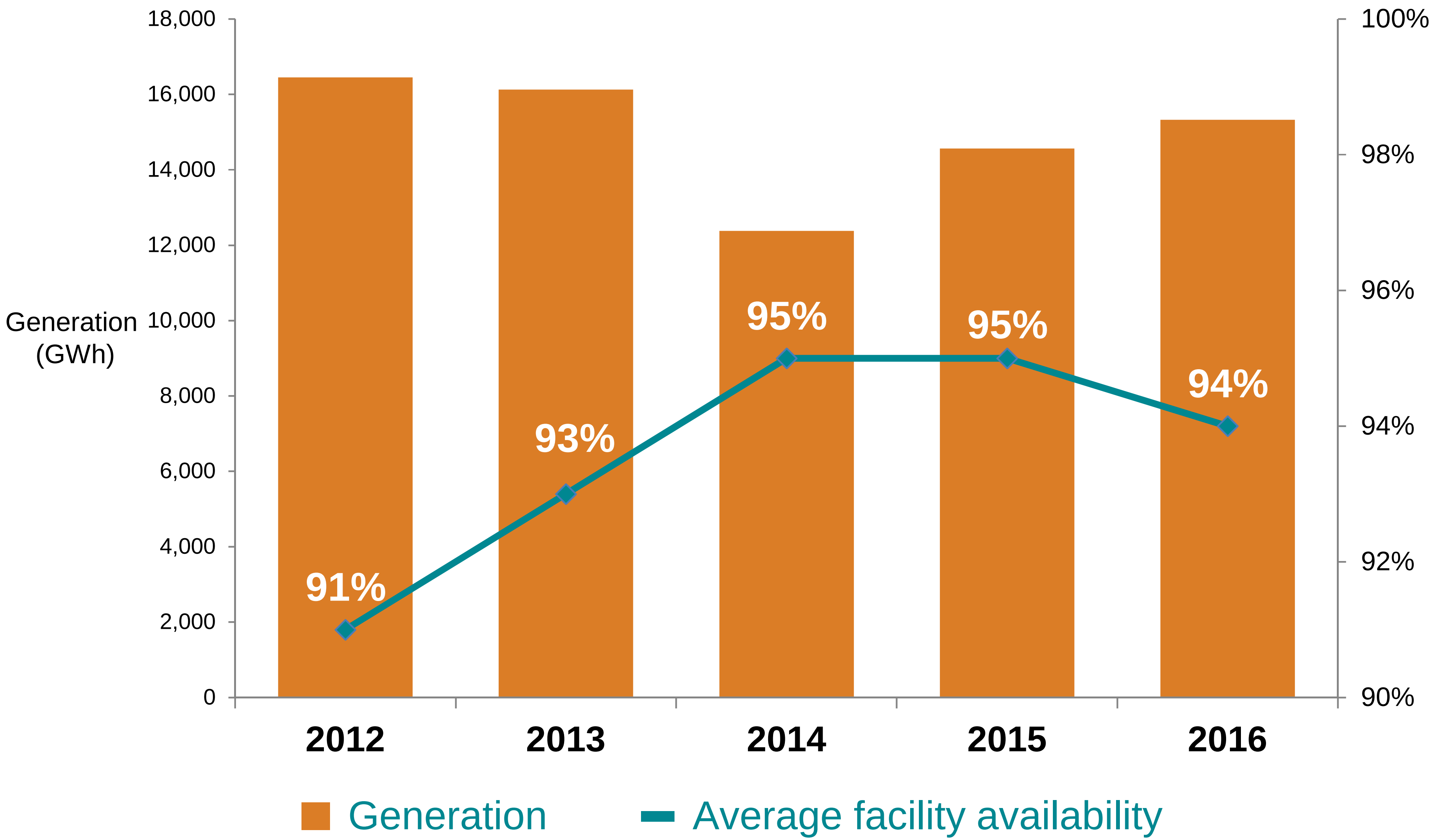
- Growth-oriented North American IPP with ownership interest in 18 facilities in Canada and the U.S. totaling more than 3,200 MW
- Young and modern fleet of assets; strong pipeline of contracted growth opportunities in AB and the U.S.
- Proven operating, development, construction, & risk management expertise
- Strong balance sheet and financial flexibility to fund growth
- Strong and stable contracted cash flow to support dividend growth(1)
- TSX (CPX); market cap of \$2.5B(2); average daily trading of ~550K(2) shares



1) Subject to Board approval.
2) Market capitalization as of Feb 22/17. Average daily trading in 2016.

Proven track record of high fleet availability

Average facility availability of 94% in the past 5 years



Updates on Alberta electricity market

Alberta's Climate Leadership Plan (CLP)

- Compensation for phase-out of coal facilities by 2030
- Carbon competitiveness regulation (carbon tax)
- Renewables to replace coal-fired retirements
- Transition to a capacity market from current energy-only market

Coal compensation

Coal phase-out agreement with AB Government

Capital Power will receive

- 14 annual payments of $52.4M totaling $734M
- Annual payments start July 31, 2017 through to July 31, 2030
- Based on proposed NBV adjusted for consideration of potential for non-stranded assets

Conditions and Obligations

- Coal plants cease coal-fired emissions on or before Dec 31, 2030
- Spend $1M minimum each calendar year and $70M in total over the 14-year period on electricity business investments in Alberta (new capital investments, sustaining & major maintenance capex)
- Maintain a continual significant business presence in Alberta (head office, 200 employees, participate in electricity market)

Coal compensation
Accounting implications

- Annual cash compensation payment of $52.4M will be recognized under ‘other income’ and as a component of adjusted EBITDA(1)
- Net income and EPS will reflect the difference between the coal compensation received and accelerated depreciation due to shortened useful lives of certain components of our coal assets
  - Economics associated with coal to gas conversion will also extend asset lives by 15 years beyond 2030
  - Depreciation expense expected to increase by up to $27M(2) annually
  - Net impact to EPS expected to approximately $0.19 per share

Compensation is a contracted source of cash flow for the next 14 years

1) Adjusted EBITDA is a non-GAAP financial measure.
2) Based on current assets. Does not reflect assumptions regarding future capex investment.

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Carbon competitiveness regulation

- Required to comply with Specified Gas Emitters Regulation (SGER) through to the end of 2017. Levy under Carbon Competitiveness Regulation (CCR) effective starting in 2018

	2017	2018	2019	2020
Compliance regulation	SGER	CCR		
Compliance requirement	20%	55% to 65% (Down to best gas standard)		
Market compliance cost ($/tonne)	$30 (assumed to remain flat until post 2025)			

- Impact on Genesee 3 / Keephills 3 will be offset by higher pool prices and inventory of low-cost carbon offset credits through 2020
- Capital Power bears the Genesee 1 & 2 compliance costs post-2020 after PPA expiry. Additional compliance costs expected to be offset by increased revenue from selling the output into the Alberta wholesale market (~$55 to $60/MWh) as opposed to under the PPA (~$40/MWh)

Use of existing offset credits and higher pool prices will more than offset higher compliance costs through 2020

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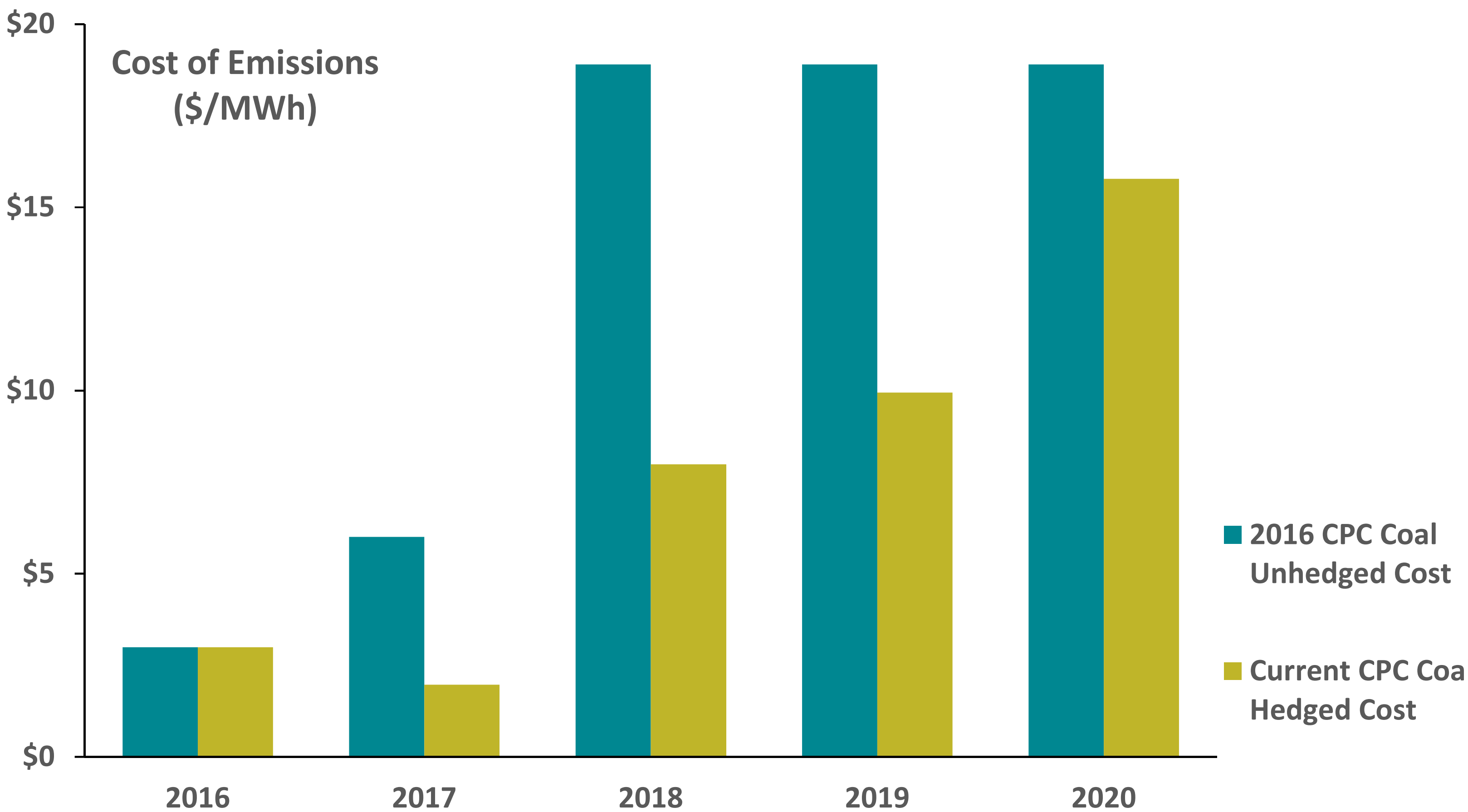
Carbon tax – cost of coal compliance

Cost of compliance versus tax



Lower compliance costs achieved by offset development & procurement strategies and lower GHG intensities

Alberta's coal fleet

Retirements under the federal Capital Stock Turnover (CST) and Alberta's Climate Leadership Plan (CLP) regulations

Facility	AESO Maximum Capacity (MW)	Age in 2017 (years)	End of Life (CST & CLP)	Remaining coal life (years)	
Battle River 3	149	48	2019	2	Subcritical - Old
Sundance 1	288	47	2019	2	
H.R. Milner	144	45	2019	2	
Sundance 2	288	44	2019	2	
Battle River 4	155	42	2025	8	
Sundance 3	368	41	2026	9	
Sundance 4	406	40	2027	10	
Sundance 5	406	39	2028	11	
Sundance 6	401	37	2029	12	Subcritical - New
Battle River 5	385	36	2029	12	
Keephills 1	395	34	2029	12	
Keephills 2	395	33	2029	12	
Sheerness 1	400	31	2030	13	
Genesee 2	**400**	**28**	**2030**	**13**	
Sheerness 2	390	27	2030	13	
Genesee 1	**400**	**23**	**2030**	**13**	
Genesee 3[(1)]	**466**	**12**	**2030**	**13**	Supercritical
Keephills 3[(1)]	**463**	**6**	**2030**	**13**	

Capital Power has the youngest coal fleet at an average capacity-weighted age of 19.4 years

1) Capital Power and TransAlta Corporation are 50% owners on Genesee 3 and Keephills 3.

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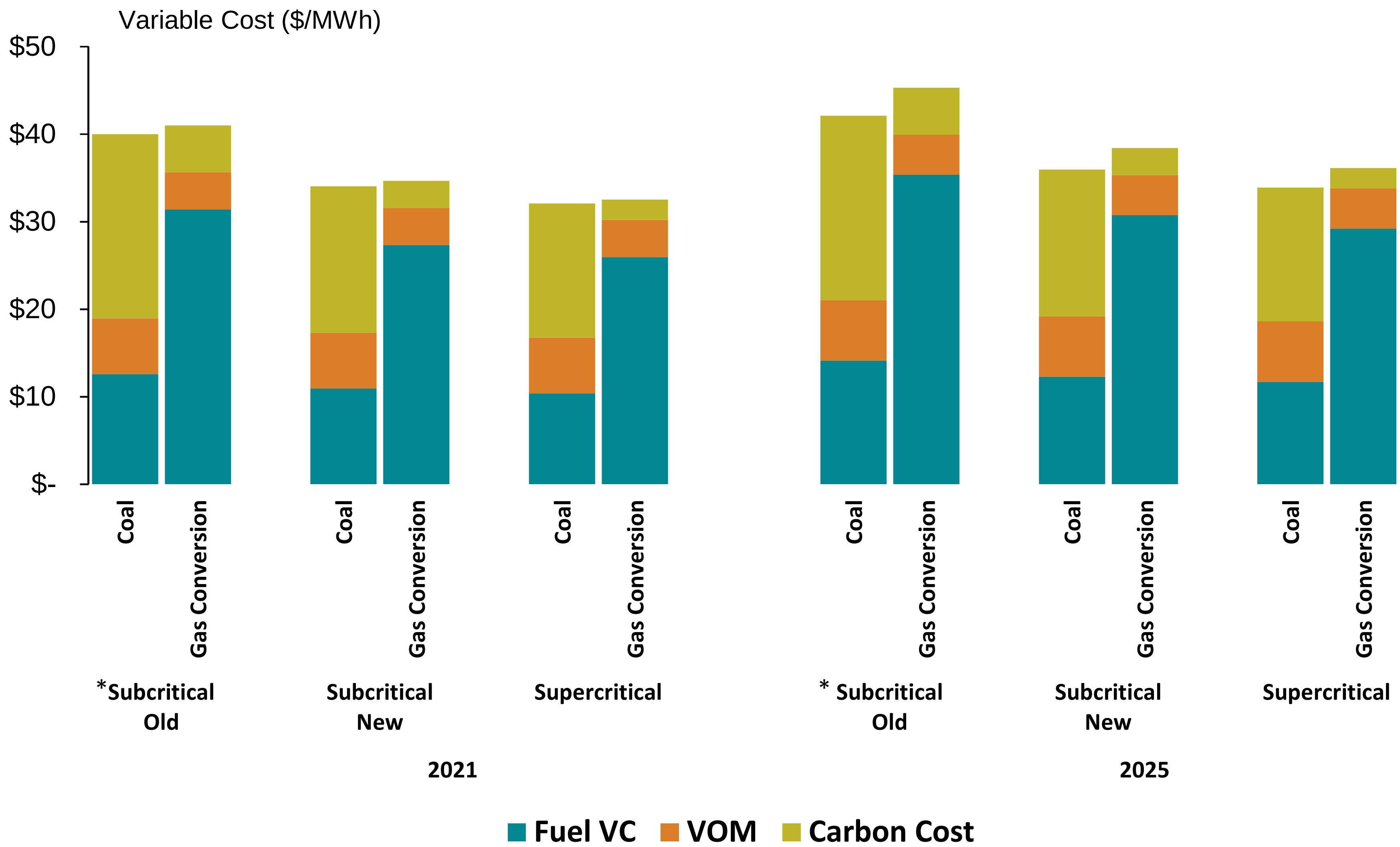
Coal variable cost assumptions

Components of variable cost for coal units - $30 carbon levy



*Subcritical Old is pre-1980

Federal environmental regulations

Regulations provide opportunity for coal to gas conversion

- Plans to amend regulations requiring all coal-fired generation to meet an emissions limit of 420 tonnes of CO_2 per GWh by no later than 2030 matching Alberta's CLP
- Converted natural gas plants from coal allowed to emit 550 t/GWh for 15 years to 2045, whichever comes first then drops to 420t/GWh
- Coal to gas conversion provides opportunity to extend Capital Power's coal units out to 2045

Genesee plant will continue to be an industry-leading generation facility

- Unit competitive advantages (age/condition/availability/heat rate/etc.) maintained on gas fuel conversion
- Estimated cost for simple gas conversion is $25M-$50M/unit
- Converted units start-up similar to coal/ramping capability smoother
- Significantly lower O&M cost expected post gas conversion

Renewables in Alberta

Targeting 30% of AB's electricity generation from renewables by 2030

- 5,000 MW of renewable energy, equivalent to ~2,000 MW of capacity
- Will still need 4,000 MW of thermal to replace retiring coal generation
- AESO confirmed details
  - Procurement of 400 MW of renewable capacity
  - Operational in 2019
  - Utilize existing transmission
  - 20-year term
  - Winning bidders based on lowest price
  - Future REP calls to include stakeholder benefits
- Timelines for first REP in 2017
  - Q1 - Request for Expression of Interest
  - Q2 - Request for Qualifications
  - Q4 - Request for Proposals

New renewable generation will be timed to replace two-thirds of retiring coal-fired capacity

Alberta Climate Leadership Plan

Transition to a capacity market from energy-only market

- Government committed to ensuring that existing investments would be treated fairly, and the new market framework would continue to promote a level playing field between existing and potential new capacity
- Tremendous amount of detail to work out on market design
  - Properly designed and implemented, Capital Power should be able to realize on its proven competencies in the new market
- Generally positive for coal and natural gas conversions

Capacity market

- 2019 first round with delivery target for 2021
  - Eligible for auction likely limited to existing capacity
- Existing investments to participate in a capacity market – a level playing field will be maintained

"… Power companies in Alberta have my word that the new market framework will continue to promote a level playing field for investors …"

(Alberta Energy Minister - Margaret McCuaig-Boyd, Nov 23/16)

Capacity

- Everyone bids – clearing price set

Energy

- Must offer - clearing price set

Total

- Combined price likely similar to energy only market
- Less volatility

Key is the lowest cost/most efficient = Best margins

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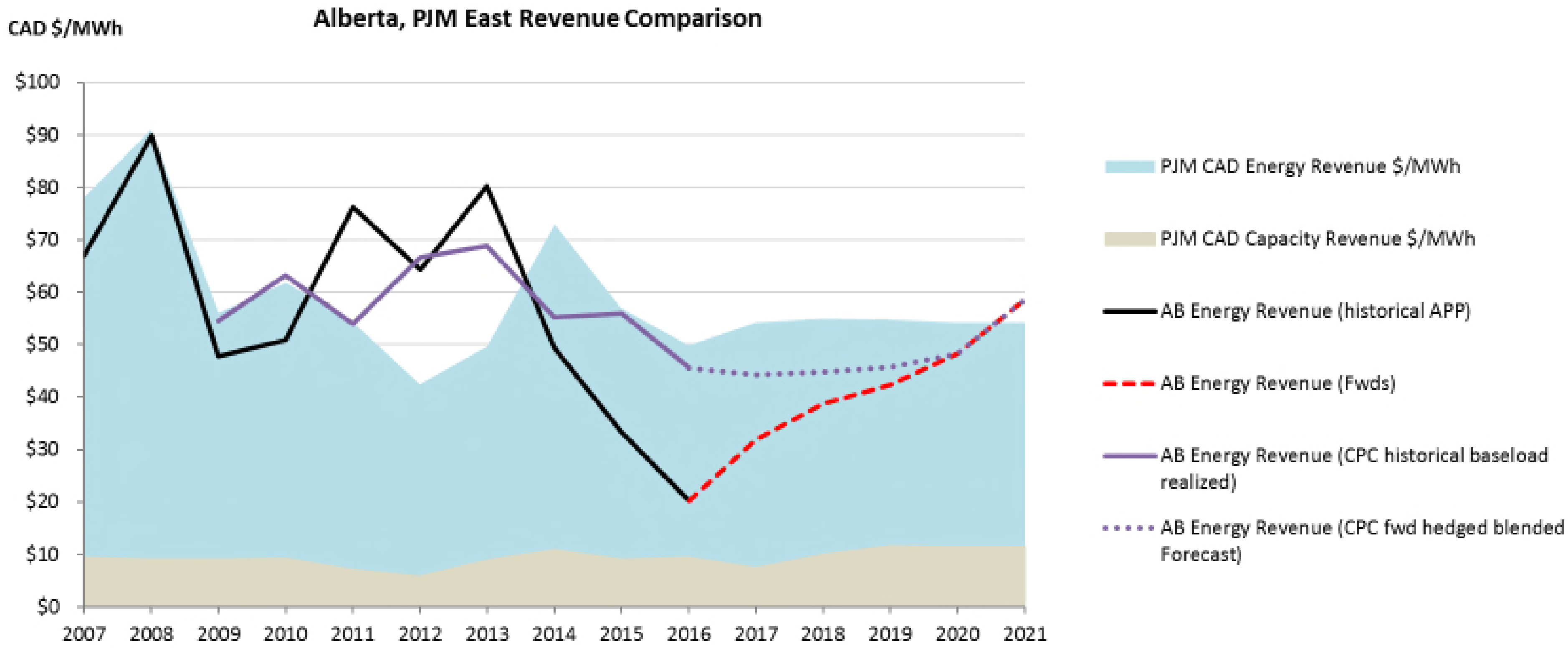
Baseload revenue – Alberta vs. PJM



- Capacity market creates a more stable revenue stream relative to selling into the Alberta market
- Revenue under the Alberta energy only market for the period of 2009 through 2021 is $57/MWh for Capital Power's baseload assets (including trading gains) compared to $55/MWh in the PJM capacity market

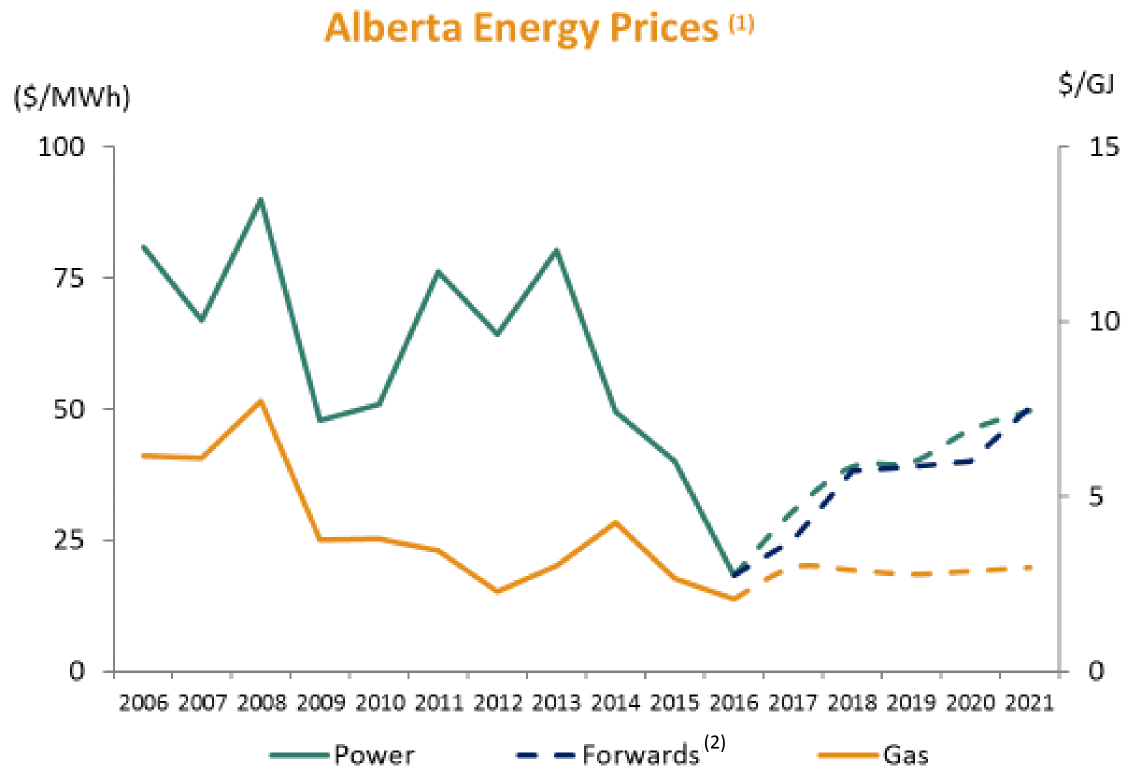
Alberta market forecasts

Current low power price environment

- Oversupply in the market
- Lower demand from weak AB economy
- Low natural gas prices

Expected uplift in power prices

- Demand growth recovering
- Moderate increase in natural gas prices
- Pass-through of higher environmental compliance costs
- Mandated coal retirements near the end of this decade



1) Power and gas forecasts represent the average forecasts of three leading 3rd party consulting firms as of Jan 2017.
2) Forwards as of Feb 2017.

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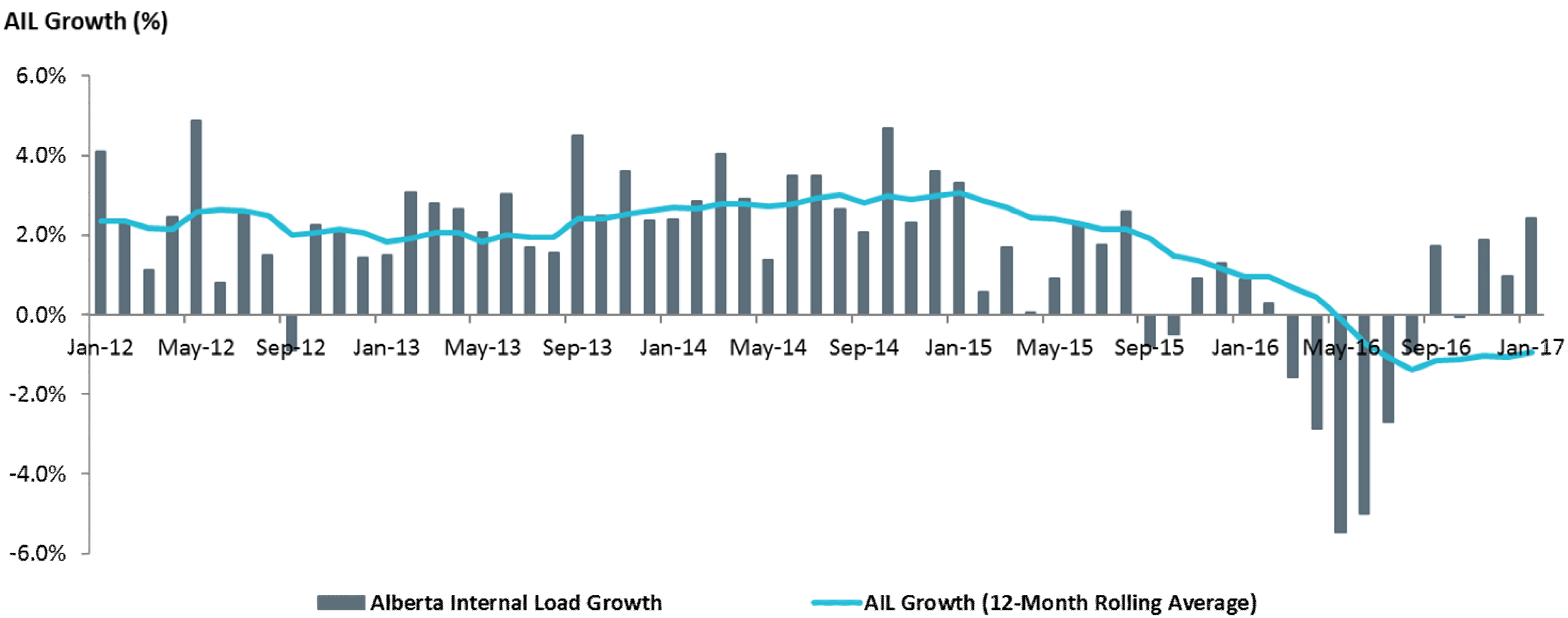
Alberta demand

Alberta demand showing recovery

- 3 consecutive months (November 2016 – January 2017) of positive normalized load growth
- January 2017 growth is the highest since August 2015

Alberta Load Growth [1]



1) Alberta Internal Load normalized for weather. Source: Capital Power.

Alberta opportunity set

Significant investment required over the next 14 years

- Up to $20 billion
- 5,000 MWs in renewables to replace retirement of coal units with balance in natural gas and other to meet demand
- Capital Power well-positioned with our existing power sites, development and construction expertise, and strong track record of trading in Alberta

Well-positioned to participate in new generation

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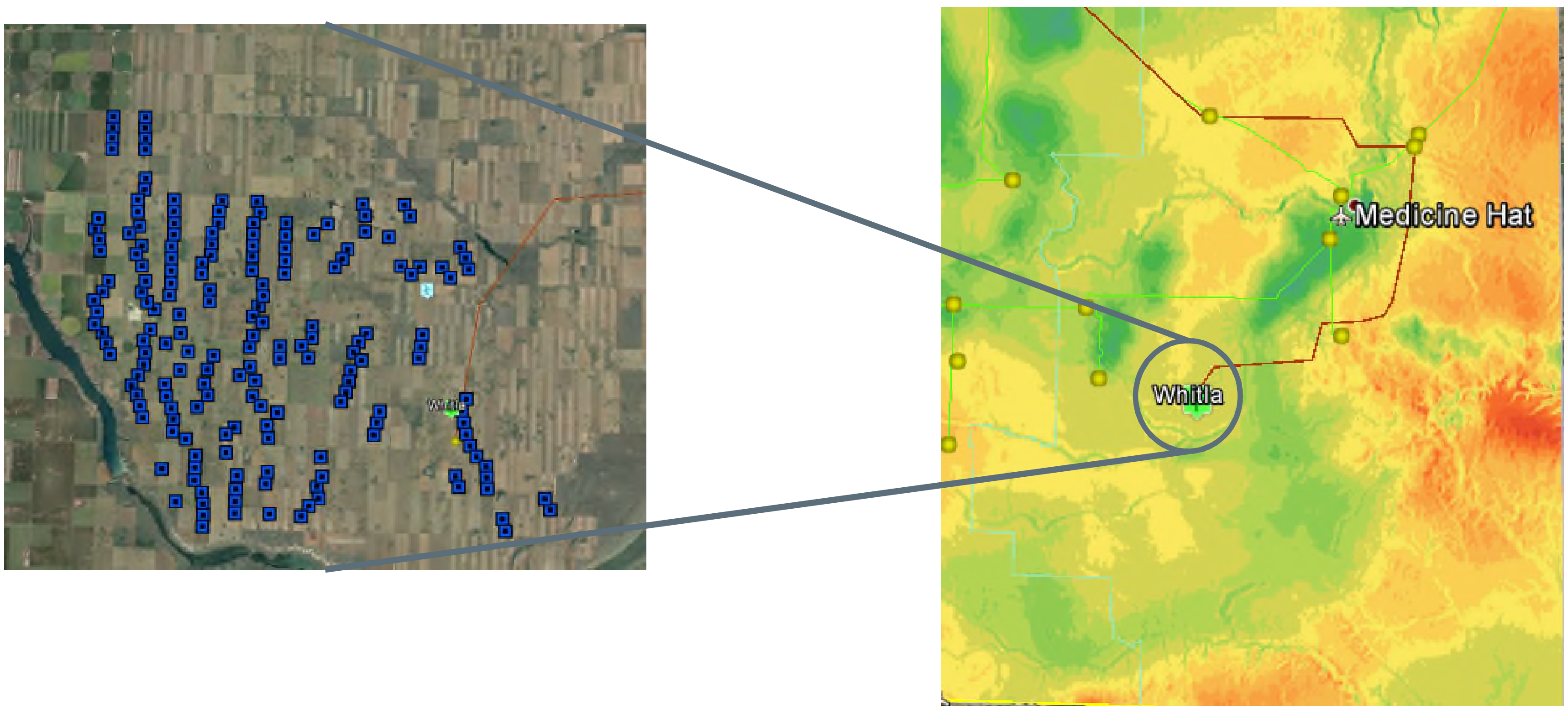
Halkirk 2

- 150 MW wind facility on 18,000 acres next to the existing Halkirk facility
- Expect 37% - 39% capacity factor
- Investment of ~$300M
- Available transmission
- Locational advantage with wind diversity resulting in expected higher capture factor

Whitla Wind

- Location: Near Medicine Hat in south eastern Alberta
- 300 MWs on 33,000 acres
- Expect 38% - 41% capacity factor
- Available transmission



Genesee 4&5

- Joint venture partner with ENMAX to develop, construct, own, and operate the 1,060 MW natural gas-fired combined cycle facilities
- 8-year tolling agreement with ENMAX for 50% of Capital Power's share of the output
- All major regulatory approvals received to proceed with construction
  - Capital Power will lead the construction project and be the operator
- Full notice to proceed (FNTP) decision deferred until there is further market clarity and new generation is required in Alberta to balance supply and demand

Genesee 4&5 to be built on existing Genesee site west of Edmonton, AB

Continue to maintain Genesee 4&5 optionality

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Acquisition of 294 MW of fully contracted power facilities

Highlights of transaction announced on Feb 21/17

- Agreement to acquire two gas-fired generation facilities and two waste heat assets from Veresen Inc.
- $500M purchase price subject to closing adjustments, and includes assumption of $275M of non-recourse debt
- Cash portion financed through existing cash and credit facilities
- Provides immediate accretion to AFFO and earnings
  - Adds $24M to AFFO in first full year of operations ($0.25/share or 7%)
  - Earnings accretion of $0.11/share in first full year
- Projected EBITDA contribution of ~$55M per year
- Closing expected in Q2/17, subject to regulatory approvals and satisfaction of closing conditions

Transaction significantly adds to contracted cash flows out to the end of the next decade

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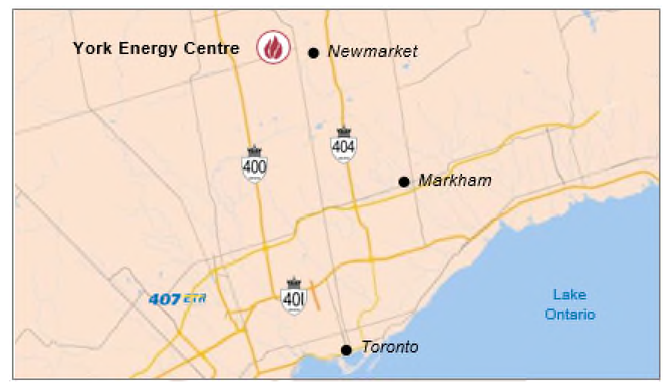
Ontario natural gas facilities

Young, high-quality generation facilities with a weighted average PPA life of 14 years remaining

- York Energy and East Windsor have long-term PPAs with Ontario IESO (A rated)
- Earn revenues through fixed capacity payments partly indexed to inflation
- Compensated for O&M, fuel, and start-up costs
- Assets are strategically located which supports re-contracting of PPAs on economic terms



Capacity: 400 MW (50% interest)
COD: 2012
PPA Expiry: 2032

Capacity: 84 MW
COD: 2009
PPA Expiry: 2029

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B.C. waste heat generation facilities

Fully contracted with 11 years of EPA life remaining

- 150 Mile House and Savona waste heat facilities are under 20-year EPAs with BC Hydro (AA rated), with original terms expiring in 2028
- EPAs have partial inflation indexation and premium pricing under peak load hours

Capacity: 5 MW each
COD: 2008
PPA Expiry: 2028

Benefits of transaction

- ***Young, high-quality assets*** – excellent operating history that will strengthen existing fleet of assets
- ***Geographical diversification*** – waste heat facilities in BC and natural gas facilities in Ontario
- ***Long-term contracts*** – weighted average remaining PPA life of 14 years enhances contracted cash flows out to 2028-2032
- ***Immediate accretion*** – in first full year of operations, AFFO accretion of $0.25 per share and $0.11 per share to earnings
- ***Enhances contracted cash flow profile*** – accretion enhances ability to meet fixed cash flow obligations and grow dividends
- ***Improved business risk*** – credit ratings and outlook have been affirmed

Contracted EBITDA expected to increase ~8% in 2017

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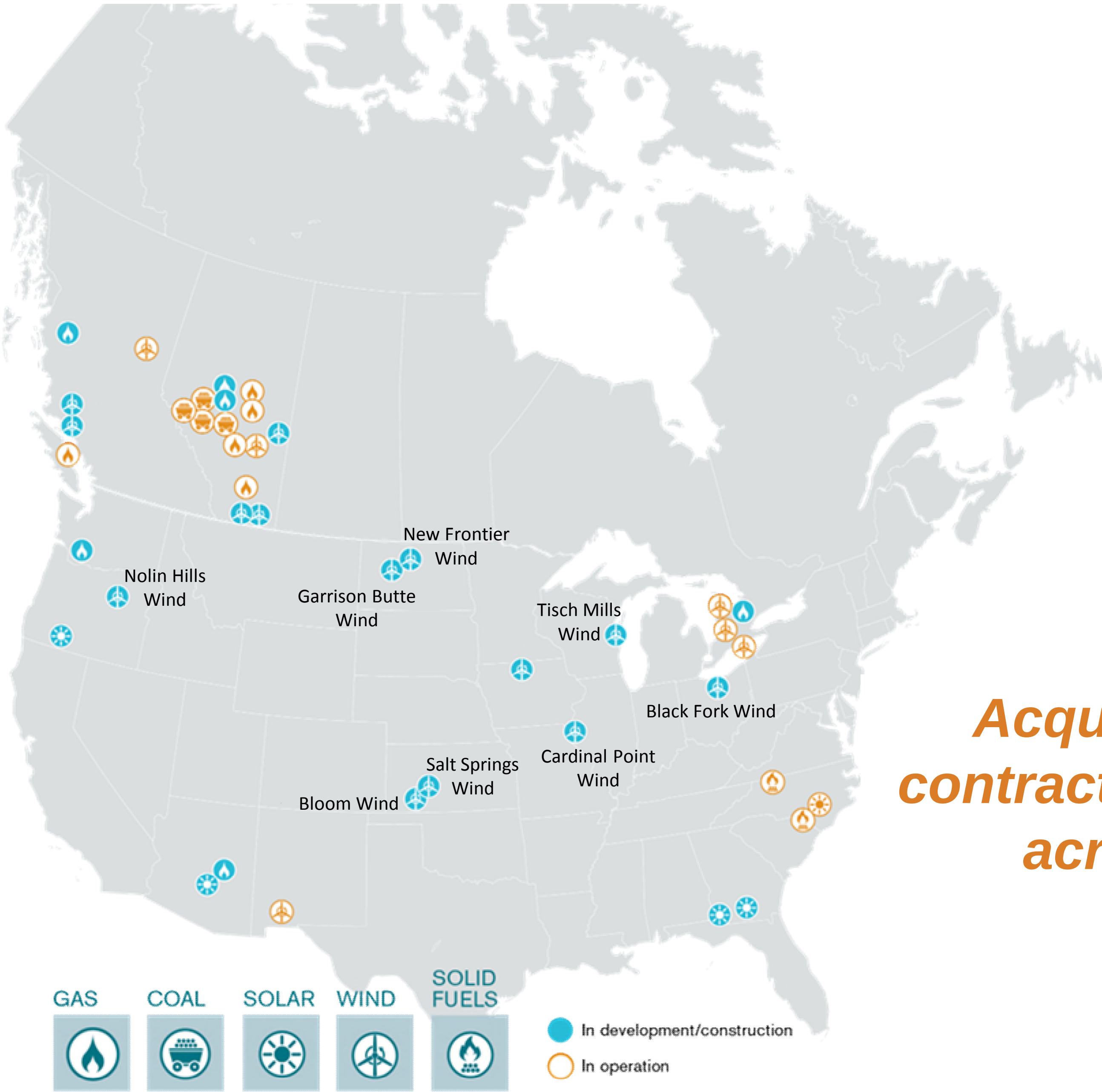
Growth opportunities



Acquire or develop contracted opportunities across the U.S.

As of December 2016

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Production Tax Credits (PTC) extension

- PTC extended with phase-out beginning in 2017
- Projects needed to have started construction by end of 2016 to qualify for full tax credits
- Treasury Secretary Mnuchin has indicated PTC phase-out will not be altered as part of US tax reform

Commence Construction	PTC % (per MWh output)	~PTC Nominal ($/MWh)
2015	100	23
2016	100	23
2017	80	18
2018	60	14
2019	40	9

2016 IRS Guidance

- Developers have 4 years from commencing construction to reach COD
- Projects commenced in 2016 will have until the end of 2020 to complete construction while maintaining the full PTC

We have preserved PTC qualification with construction of project-specific transformers in 2016

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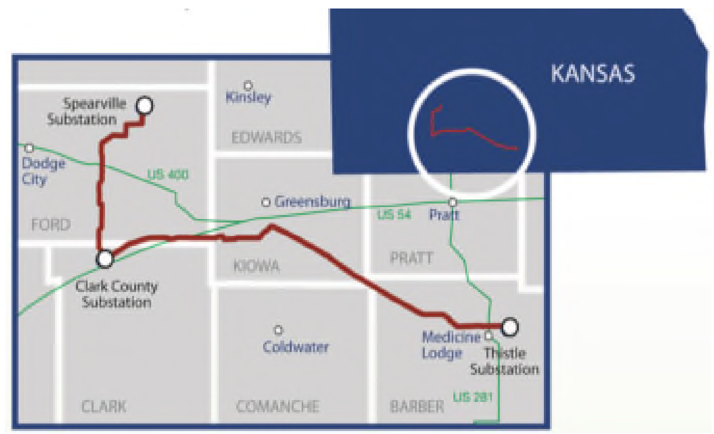
Bloom Wind

- 178 MW wind farm consisting of 54 Vestas V117-3.3 MW turbines
- 10-year fixed price contract covering 100% of the output, with Allianz Risk Transfer (rated AA- (stable) by S&P's), a subsidiary of Allianz SE, a worldwide insurance and asset management group
- Under the contract, Capital Power will swap market revenue of Bloom's generation for a fixed annual payment for a 10-year term, securing long-term predictable revenues and mitigate generation volume uncertainty related to wind resources
- Tax equity investment by Goldman Sachs Alternative Energy Group
- Construction began in Q3/16 with COD targeted in Q3/17



Bloom Wind is our first wind development project in the U.S. renewables market with others to follow

Financial strategy

Maintain ongoing access to cost competitive capital to fund growth throughout business cycle

3-year financial performance

$M, except per share amounts	2014	2015	2016
Revenues	$1,218	$1,241	**$1,214**
Adjusted EBITDA	$423	$482	**$520**
Basic earnings per share	$0.28	$0.70	**$0.91**
Normalized earnings per share	$0.72	$1.15	**$1.22**
Funds from operations	$362	$400	**$384**
Dividends declared	$1.31	$1.41	**$1.51**

Year-over-year increases in Adjusted EBITDA and Normalized EPS

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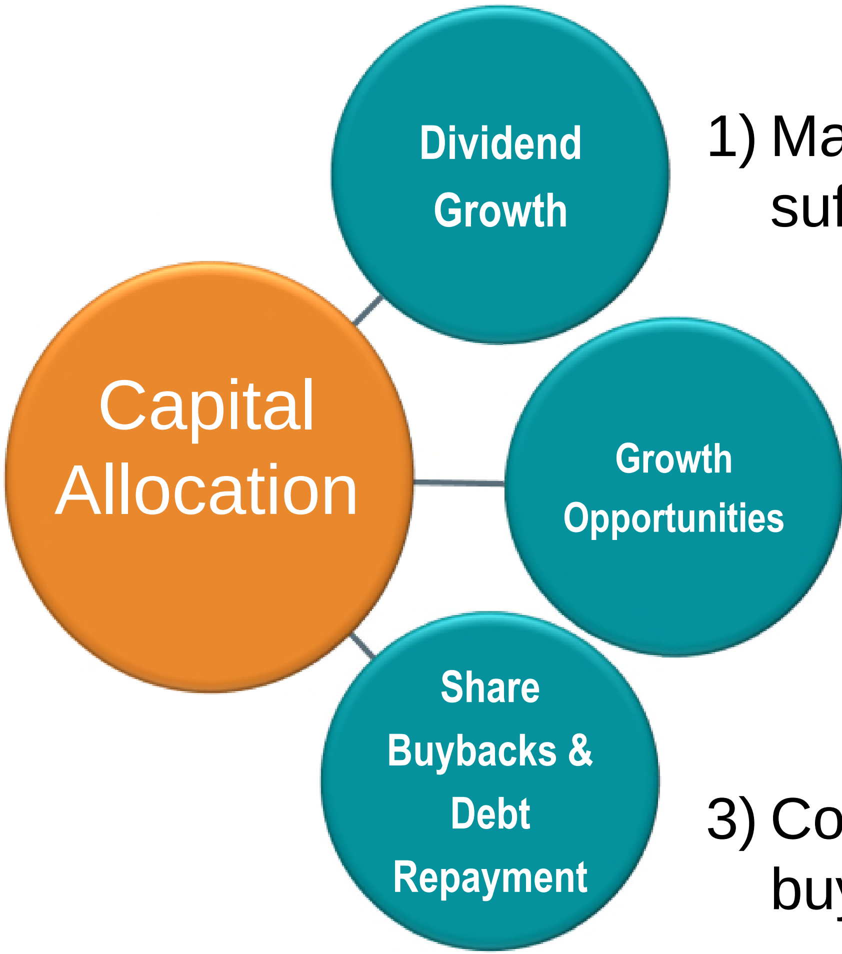
Capital allocation



1) Maintain growing dividend backed by sufficient contracted cash flow base

2) Fund growth opportunities in the near term with discretionary cash flow

3) Consider debt reduction and share buybacks absent growth

AB commercial portfolio positions

Alberta Commercial baseload positions

As of Dec 31/16	2017	2018	2019
Percentage sold forward	100%	53%	40%
Average contracted prices(1) ($/MWh)	Mid-$40	Low-$50	Low-$50
Average forward prices ($/MWh)	$32	$39	$41

- Potential to capture market upside with peaking and wind facilities

Baseload merchant exposure fully hedged in 2017

1) The forecast average contracted prices may differ significantly from the future average realized prices as the hedged and unhedged positions have a varying mix of differently priced blocks of power.

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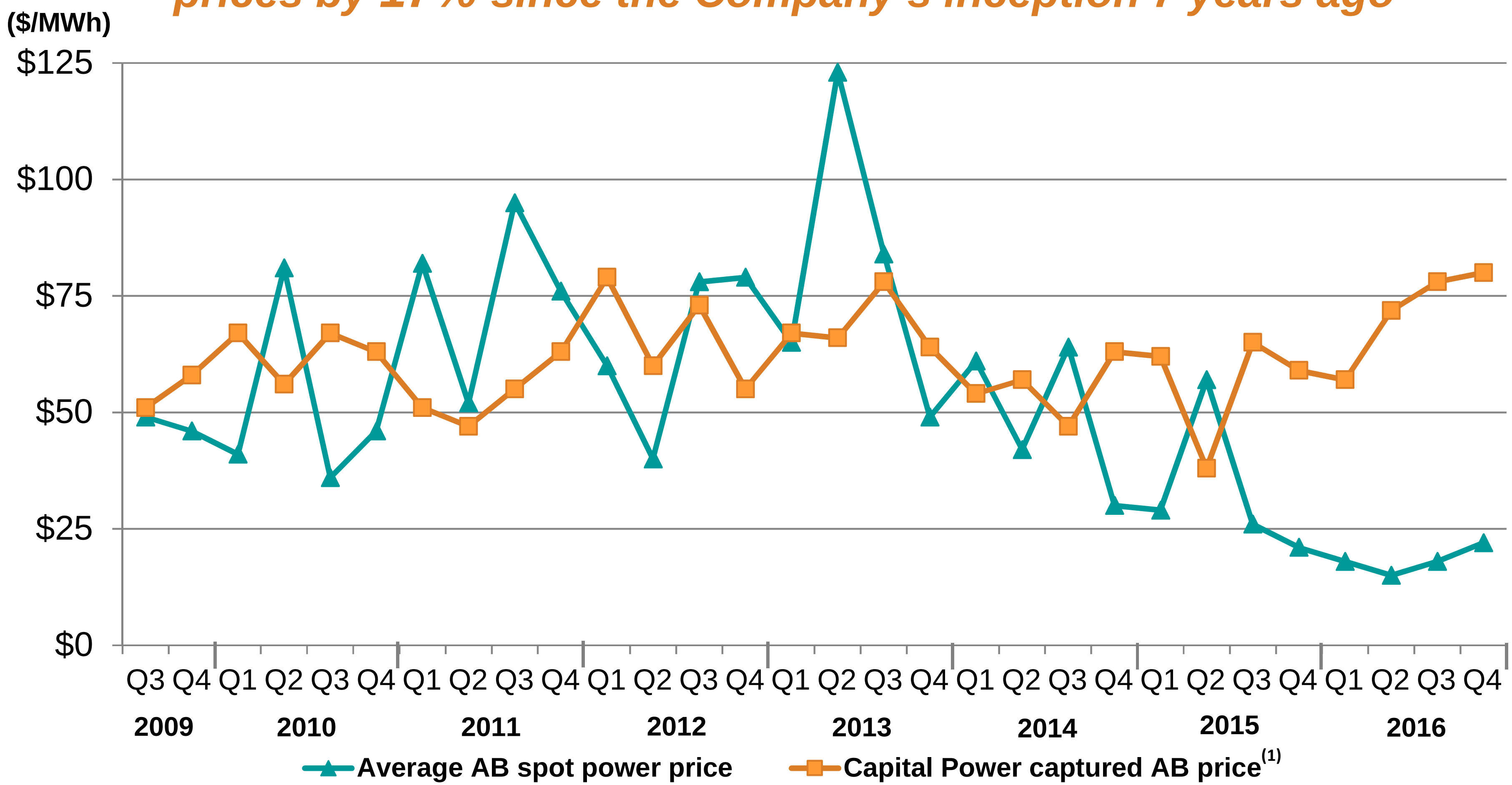
Alberta power market trading

- Portfolio optimization activities focused on managing exposure to commodity risks, reducing volatility and creating incremental value

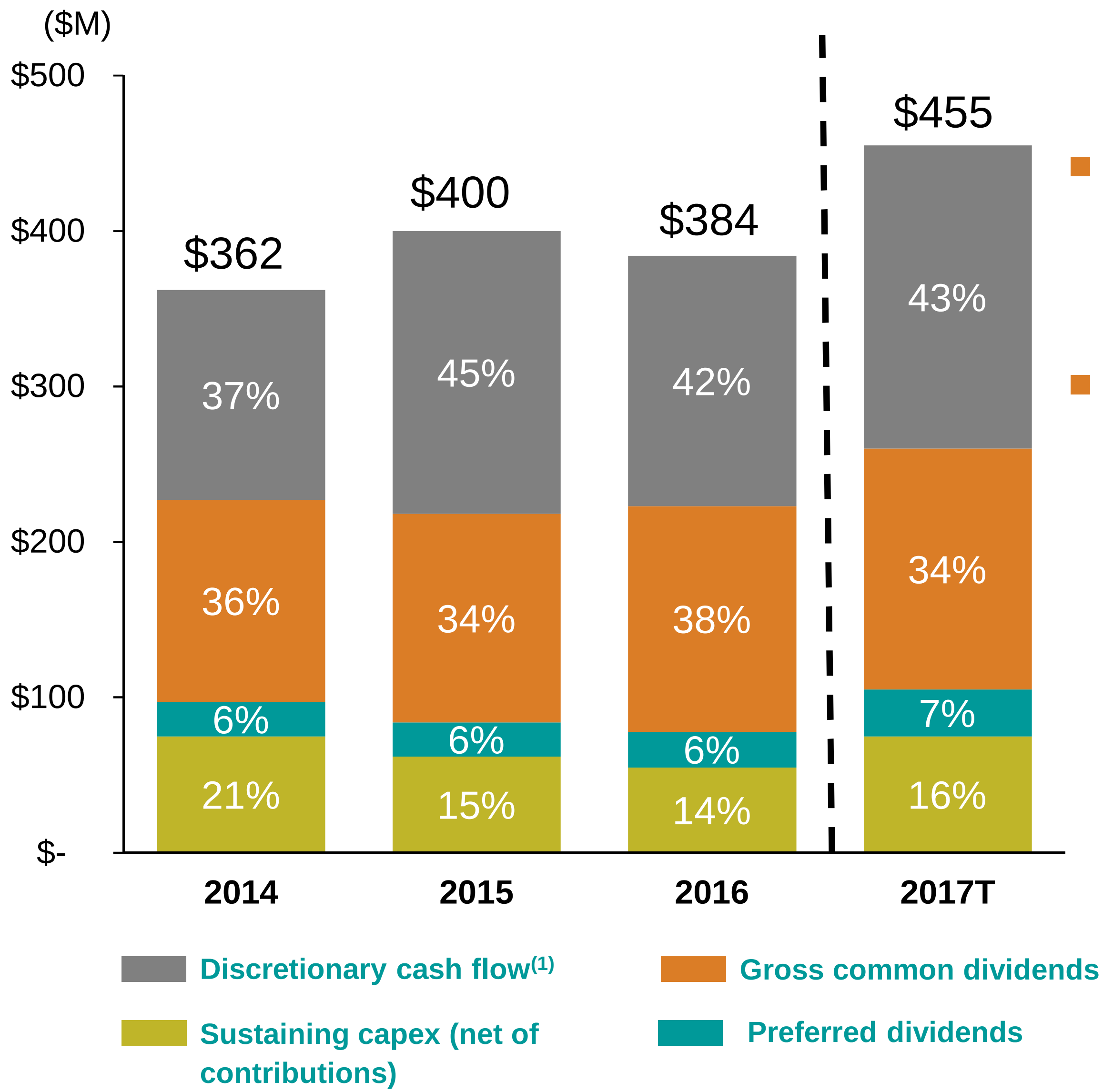
Average realized power prices[1] have exceeded spot power prices by 17% since the Company's inception 7 years ago



1) Based on the Alberta baseload plants and the acquired Sundance PPA plus the uncontracted portion of Shepard Energy Centre baseload. Effective March 24, 2016, Sundance PPA is no longer a part of Capital Power's baseload generation due to termination of the Sundance PPA.

Continued strong cash flow generation

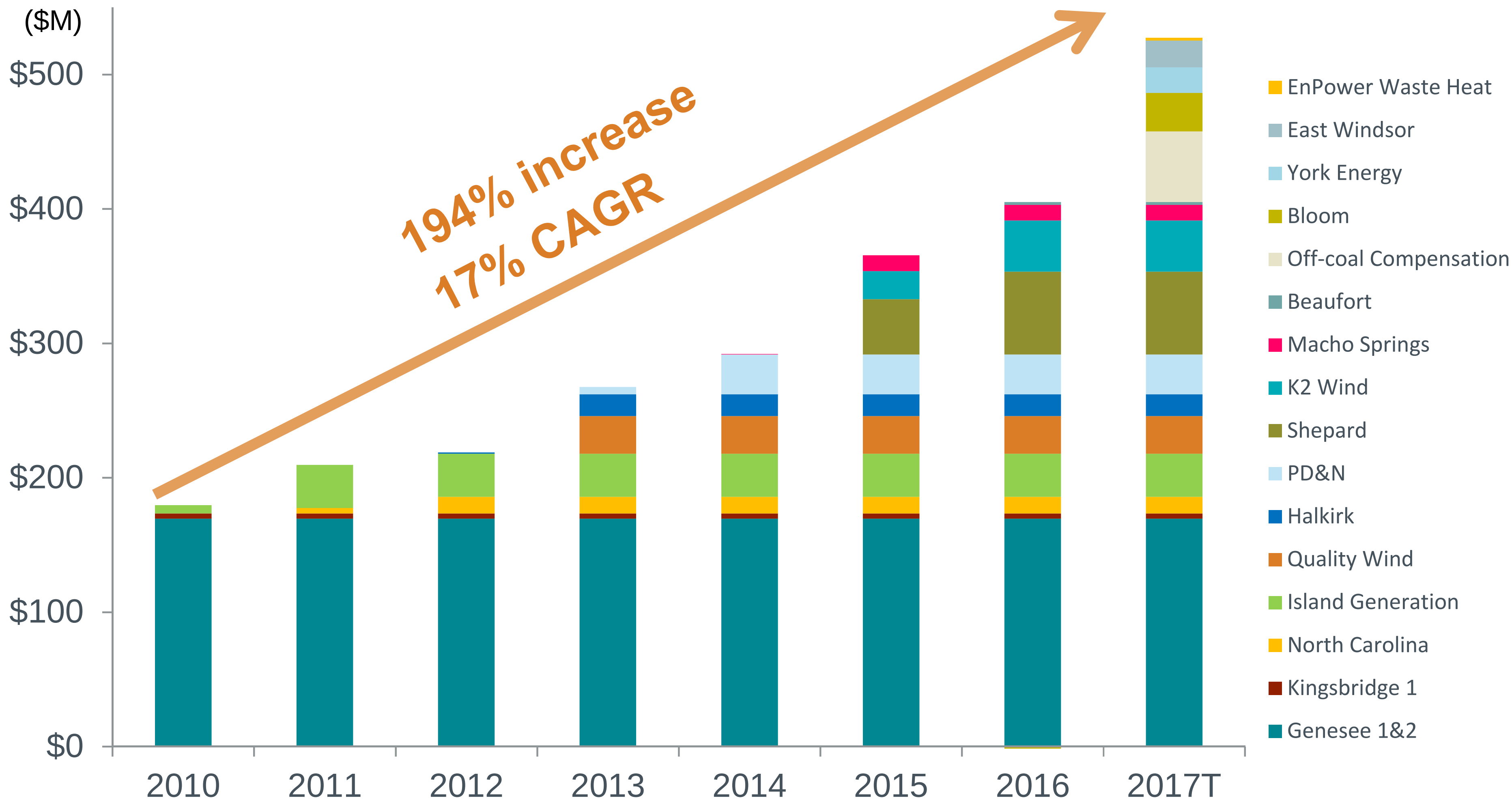
~43% of cash flow in 2017 expected to be discretionary cash flow



- Annual cash flow expected to increase ~18% in 2017
- Including off-coal compensation, generating ~$195M in discretionary cash flow (DCF)[1] to reinvest in growth opportunities

1) Discretionary cash flow (DCF) is a non-GAAP financial measure. DCF = FFO + coal compensation – sustaining capex – preferred dividends – common dividends.

Improving contracted EBITDA[1,2,3,4]



Substantial expansion in contracted EBITDA from 2010-2017

1) Margins have been averaged over the periods except in the year of commissioning.
2) Only includes contracted portions of Halkirk and Shepard plants.
3) Capital Power's share of EBITDA for all assets.
4) Includes off-coal compensation.

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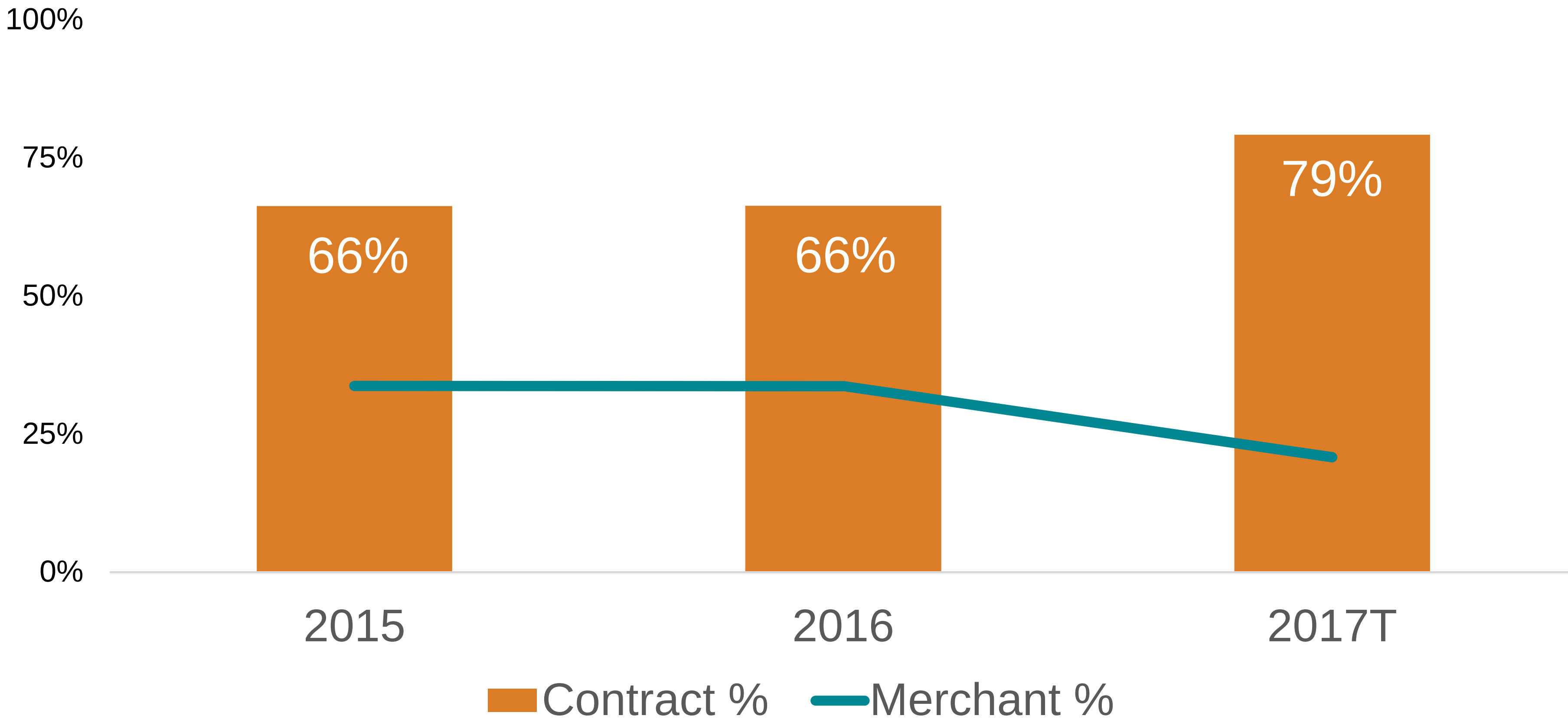
Merchant-contract EBITDA mix[1,2,3]



EBITDA increasingly derived from contracted assets

1) EBITDA includes off-coal compensation and excludes G&A costs.
2) Shepard and Halkirk have been split into contracted and merchant components.
3) Capital Power's share of EBITDA for all assets.

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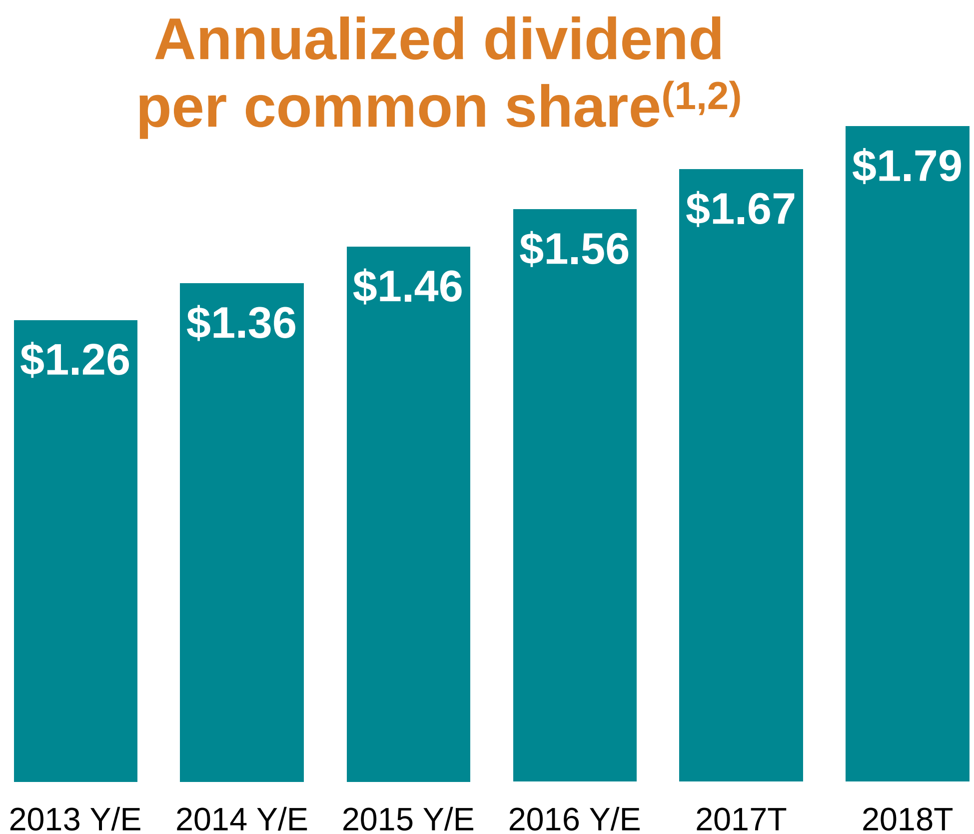
Target annual dividend increases

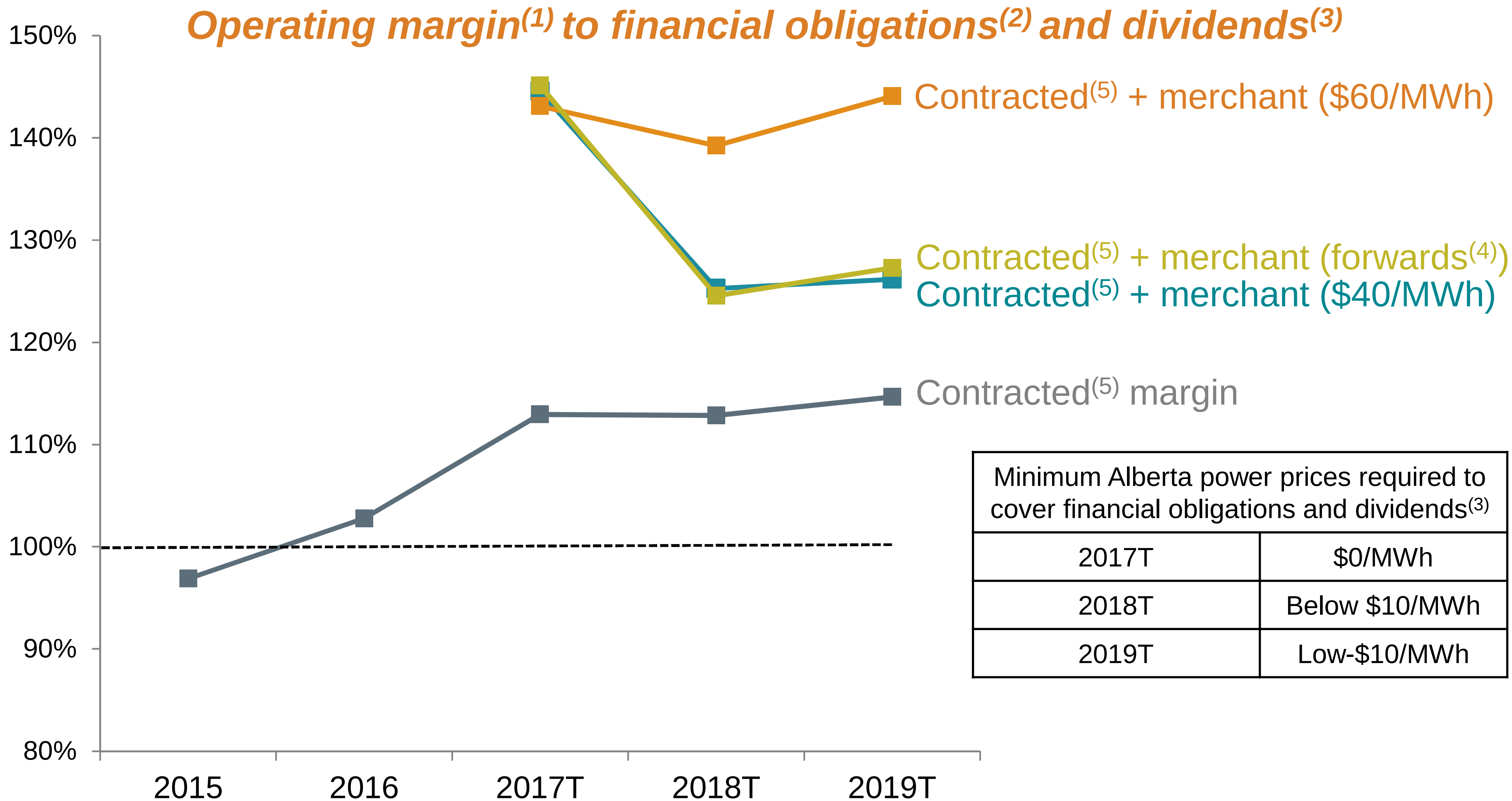


- Annual 7% dividend growth guidance to 2018
- Expect to generate ~$340M in AFFO in 2017
- AFFO payout ratio averages ~50% from 2016 to 2018
- Pipeline of opportunities to expand contracted footprint throughout North America

Well positioned to deliver consistent annual dividend growth

1) Subject to market conditions, economic outlook, cash flow forecast, and Board approval at the time.
2) 2013 to 2016 annualized dividend based on year-end quarterly common shares dividend declared.

Financial obligations & dividends covered by contracted EBITDA



Minimum Alberta power prices required to cover financial obligations and dividends[3]	
2017T	$0/MWh
2018T	Below $10/MWh
2019T	Low-$10/MWh

1) Merchant margin is calculated using $40/MWh and $60/MWh and is based on hedged position as at December 31, 2016.
2) Based on existing plants plus committed development projects. Financial obligations include interest payments (including interest during construction), sustaining contracted capital expenditures and general & administration expenses.
3) Dividends include common and preferred dividends. Assumes consistent common dividend growth in 2017-18.
4) Forwards as of December 31, 2016.
5) Includes off-coal compensation and assumes assets acquired from Veresen in Q2/17.

Cash flow and financing outlook

Generating surplus cash after dividends and sustaining CAPEX

Sources of cash flow ($M)	2017E
Funds from operations + coal compensation	$455
Proceeds from tax-equity debt	$235
Uses of cash flow ($M)	
Dividends (common shares)	$(155)
Dividends (preferred shares)	$(30)
Debt repayment	$(30)
Genesee Performance Standard[1]	$(10)
Sustaining and maintenance capex	$(75)
Cash available for growth	**$390**
Acquisition of York Energy, East Windsor and EnPower	$(225)
Anticipated growth capex	$(165)

Currently utilizing internal cash for growth

1) Genesee Performance Standard (GPS) is a program to reduce CO2 and to improve coal plant efficiency. Total program costs of ~$30M.

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Financing of growth opportunities

Existing financial capabilities and potential financing options

- Strong balance sheet driven by
  - Recent financings
  - Extension of credit facilities
- ~57% ($195M) of Adjusted funds from operations (AFFO) is discretionary cash flow[1] available for allocation to support development and acquisition opportunities in 2017
- Flexibility to raise equity, if required
- Updated our hurdle rate for contracted growth opportunities reflecting lower cost of capital

Reduced spreads by 150 bps due to reduced risk in AB market and completion of private placement financing

1) Discretionary cash flow (DCF) is a non-GAAP financial measure.

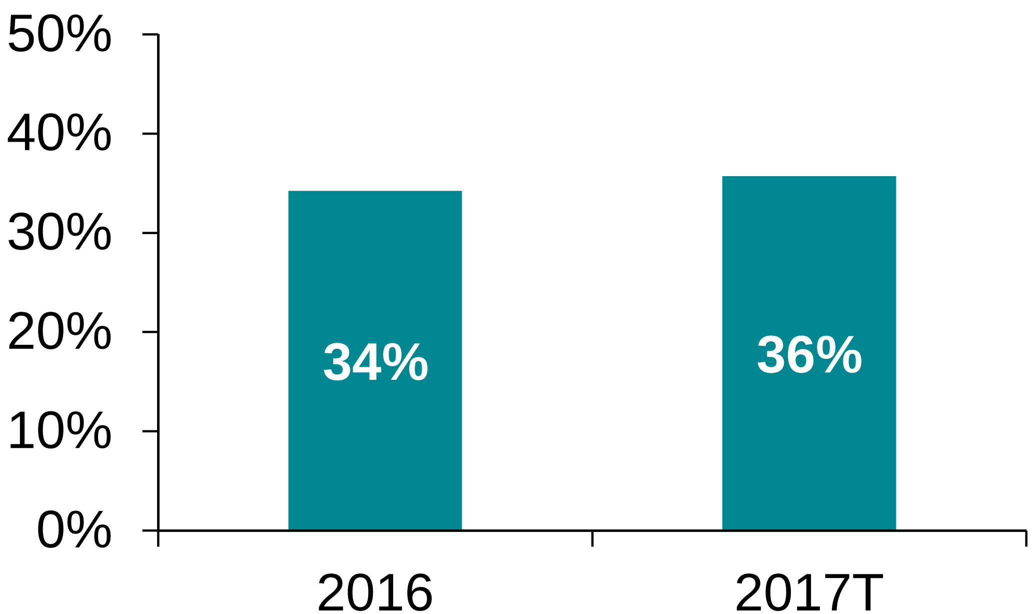
Financial strength

Strong balance sheet and investment grade credit rating

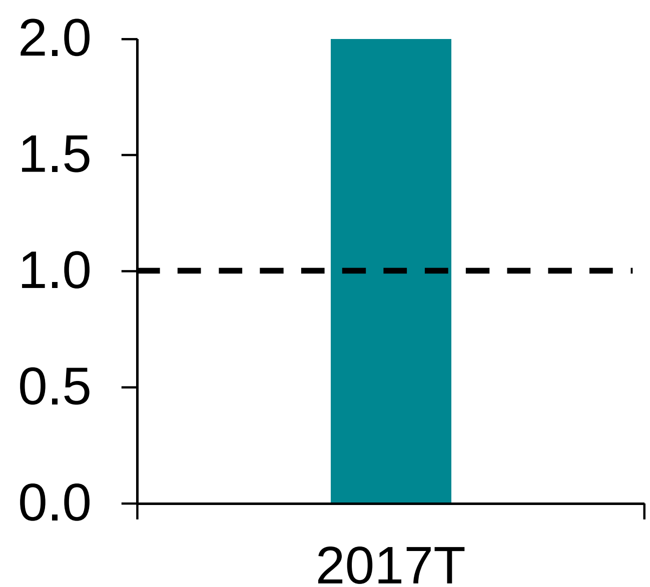
- Investment grade credit ratings by S&P and DBRS
- Continued to be well capitalized with capacity for leverage

Agency	Ratings	Outlook
S&P	BBB- / P-3	Stable
DBRS	BBB / Pfd-3 (low)	Negative

Debt to total capitalization



Corporate Liquidity[1]



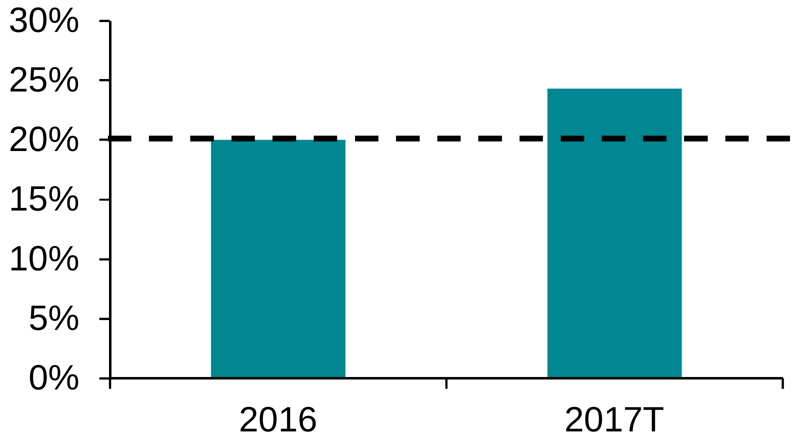
Capital Power is committed to maintaining investment grade

1) February 23, 2017 forward-looking estimate.

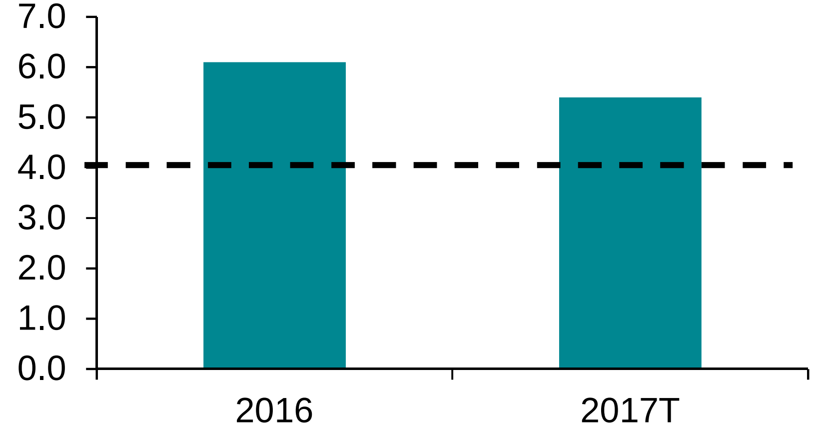
Credit metrics

Above DBRS financial criteria for current rating

Adj. Cash flow/Adj. Debt[1]

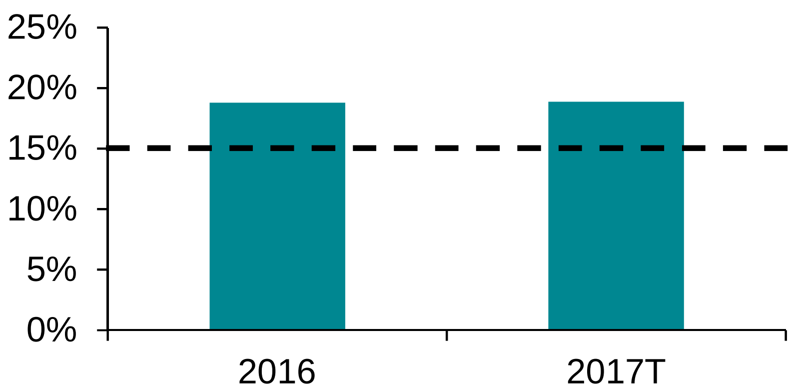


EBITDA/Adj. Interest

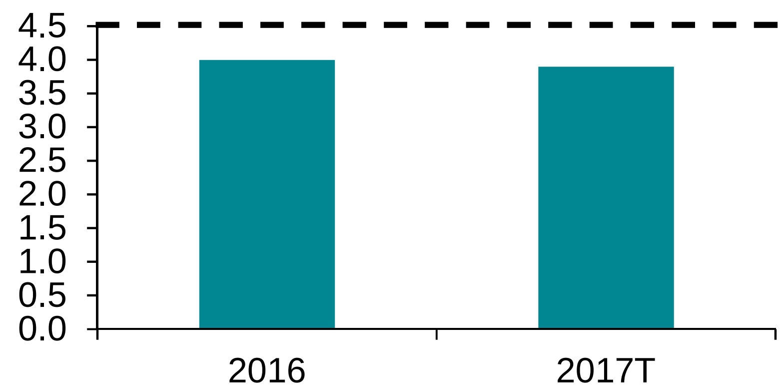


Within S&P financial criteria for investment grade rating

Adj. FFO/Adj. Debt[1,2]



Adj. Debt/Adj. EBITDA[1,2]



1) Cash flow and adjusted EBITDA amounts include coal compensation in 2017.
2) Based on S&P's weighted average ratings methodology.

Adjusted funds from operations[(1)]

Purpose of new metric

- Reflects cash available to sustain common dividends and to fund future investment opportunities
- Includes coal compensation, which is a source of cash inflow for the next 14 years

AFFO[(1)] defined as:

Funds from operations (as previously defined[(1)])
+ Coal compensation received annually
- Sustaining and maintenance capital expenditures
- Preferred dividends paid annually

Will begin providing guidance on the basis of AFFO starting for 2017

1) Adjusted funds from operations (AFFO) and Funds from operations (FFO) are non-GAAP financial measures.

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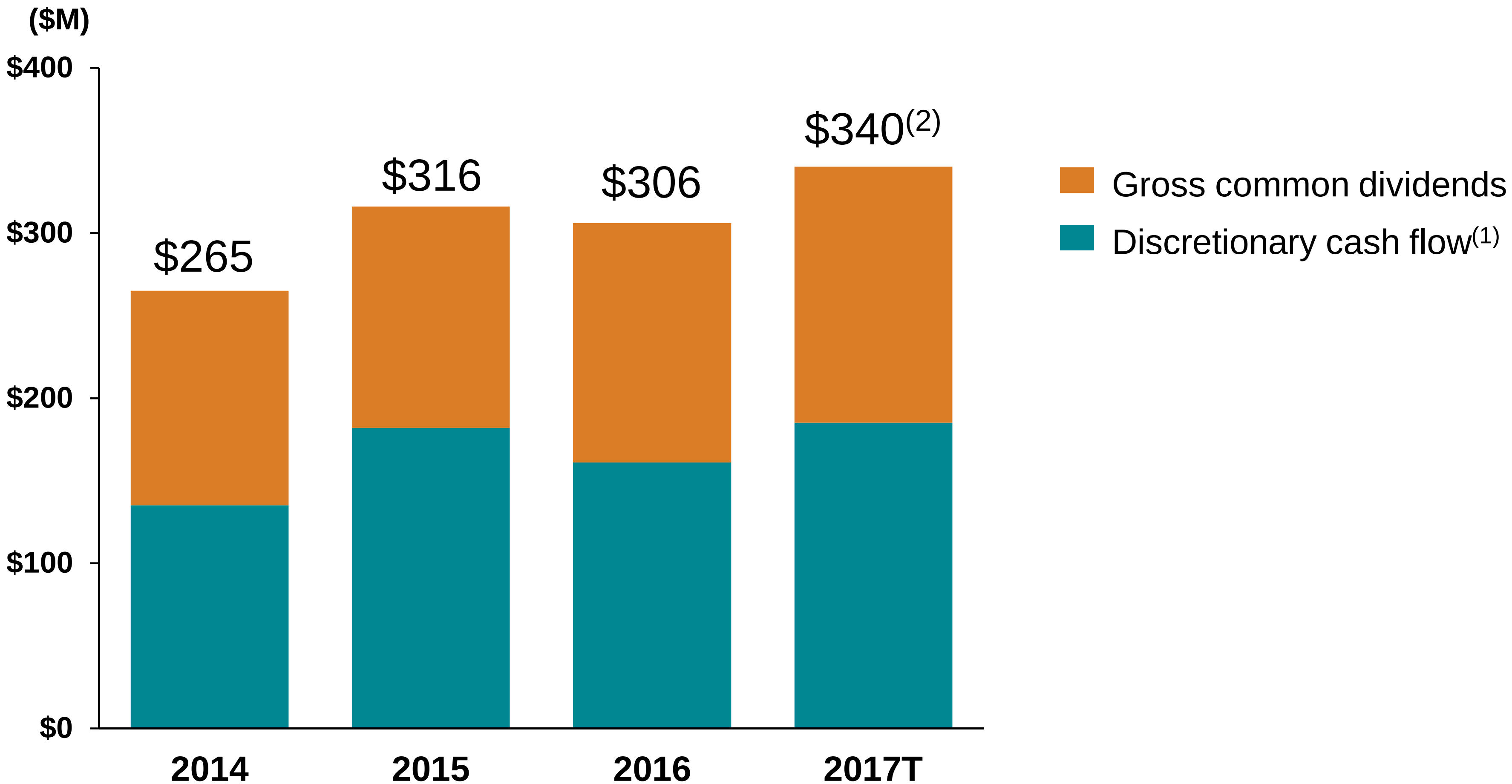
Financial guidance

Adjusted funds from operations (AFFO)(1) target



Cash available for common share dividends and growth

1) Adjusted funds from operations and Discretionary cash flow are non-GAAP financial measures.
2) 2017 AFFO target is the approximate midpoint of the $320M - $365M guidance range. Assumes assets acquired from Veresen in Q2/17.

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2016 Performance and 2017 targets

Operational and financial targets

($M)	2016 Targets	2016 Results	2017 Targets (Dec 15/16)	2017 Targets (Current)
Facility availability	94%	94%	95%	95%
Sustaining capex Genesee Performance Standard	$65	$55	$75 $10	$75 $10
Facility operating & maintenance expenses	$200 - $220	$205	$195 - $215	$205 - $230
Funds from operations (FFO)	$380 - $430	$384		
Adjusted FFO (AFFO)		$306	$305 - $345	$320 - $365

All 2016 targets achieved; increased guidance for 2017

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Disciplined 2017 growth targets

New developments

- Complete Bloom Wind on time and on budget
- Execute contracts for the output of two new developments

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Executing on proven competencies

Operational excellence	Increasing performance and reducing risk at a lower cost while managing GHG cost and risk
Contracted growth	Delivering opportunities in the U.S. and positioned to continue
Alberta market	Excellent assets & skills in energy-only market are transferable to capacity market
Alberta growth	Positioned to continue to be the leading developer in Alberta
Financial strength	Stronger balance sheet, greater capacity and lower risk
Dividend growth	Executing to maintain and grow dividends

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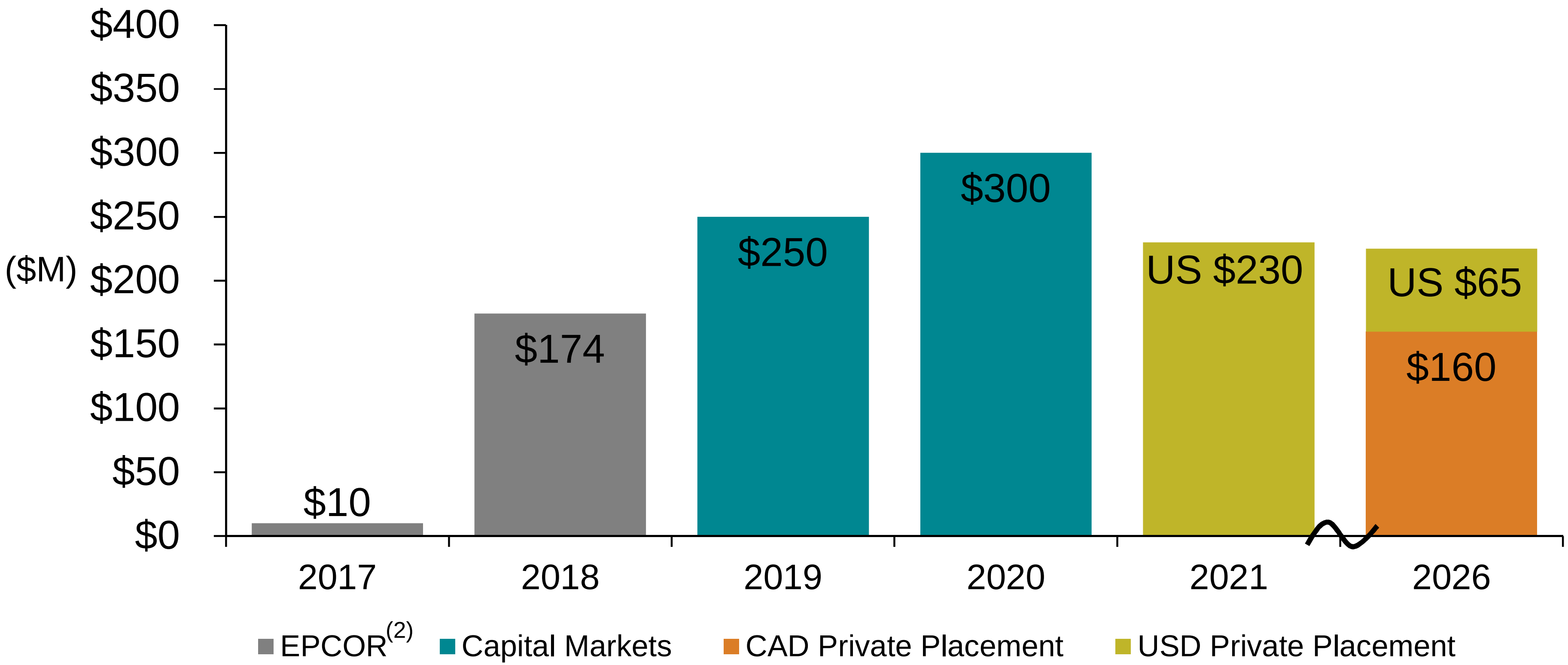
Debt maturity schedule(1)

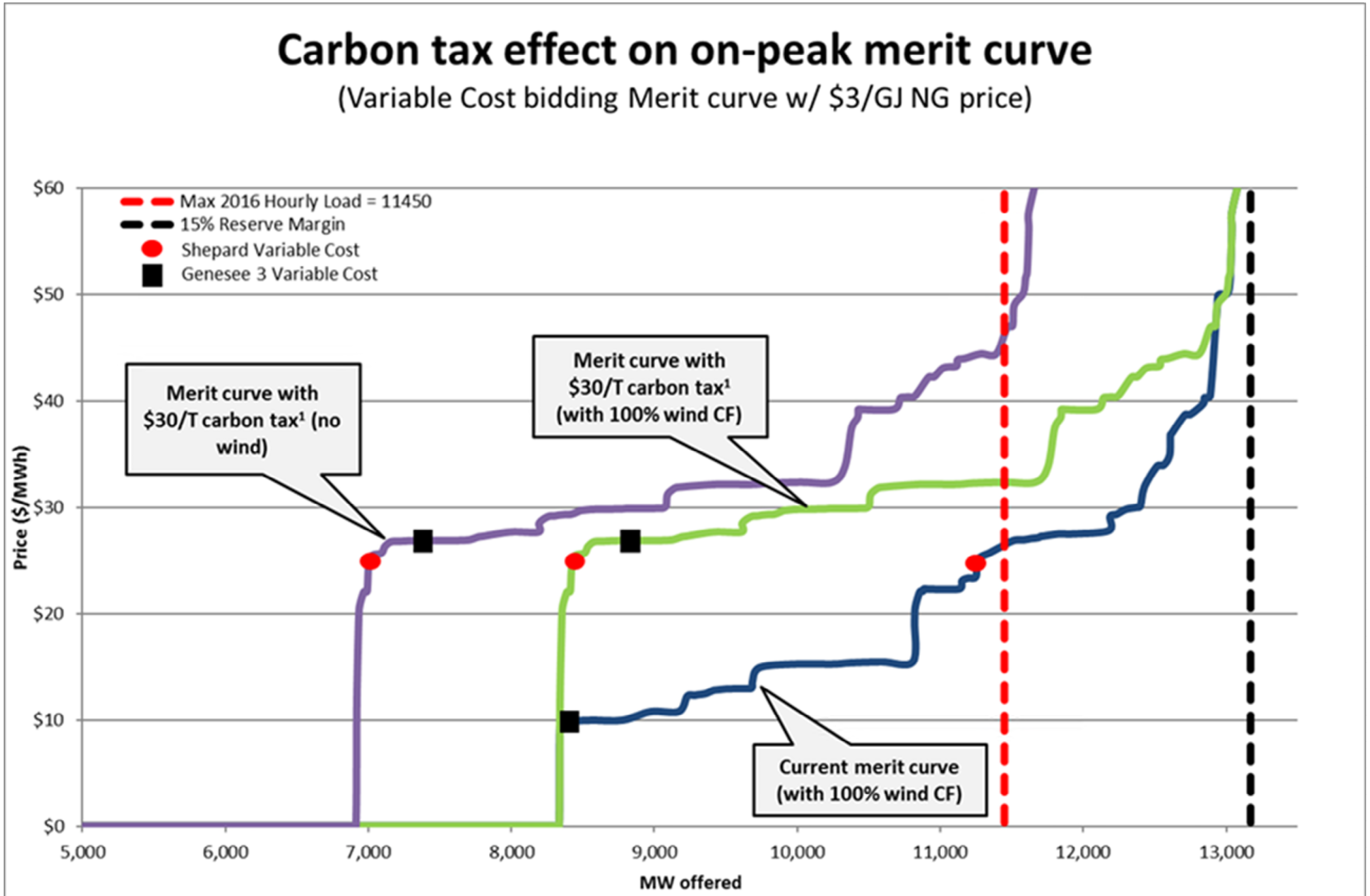
$1B in committed credit facilities recently renewed with 5-year tenor maturing 2021, of which ~$863M available in 2017(1)



Well spread-out debt maturities are supported by long asset lives

1) Debt amount as of Dec 31/16, excludes non recourse debt, credit facility debt, and tax-equity financing. Amount available on credit facilities as of Dec 31/16.
2) EPCOR callable debt of $184 million is shown based on maturity dates in 2017 and 2018.

Alberta market

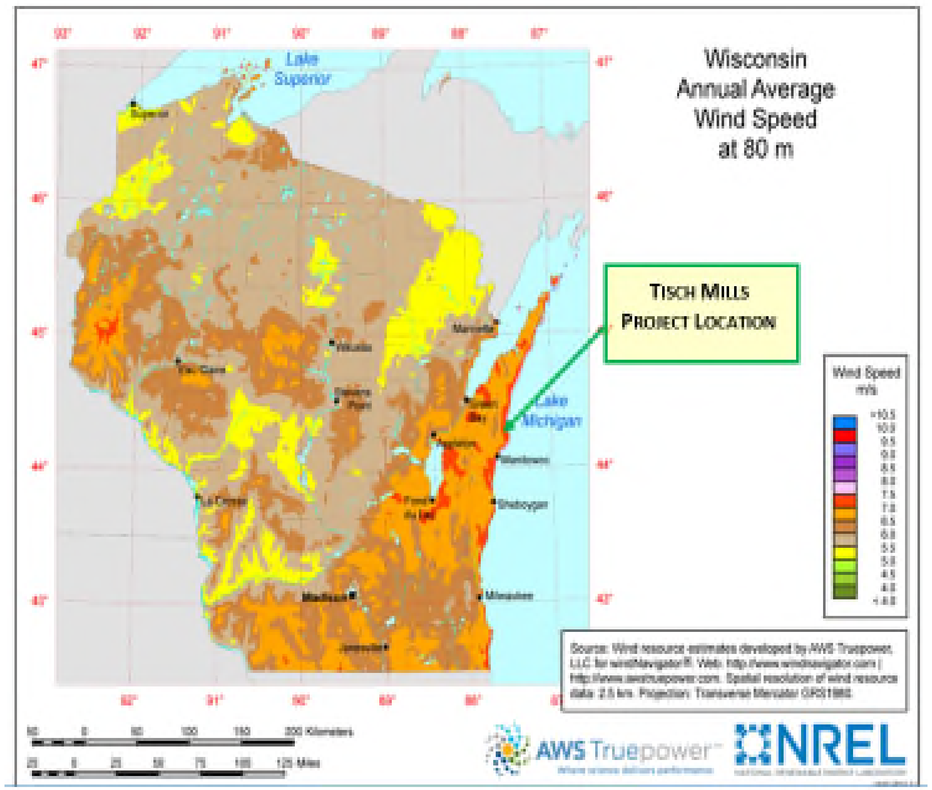


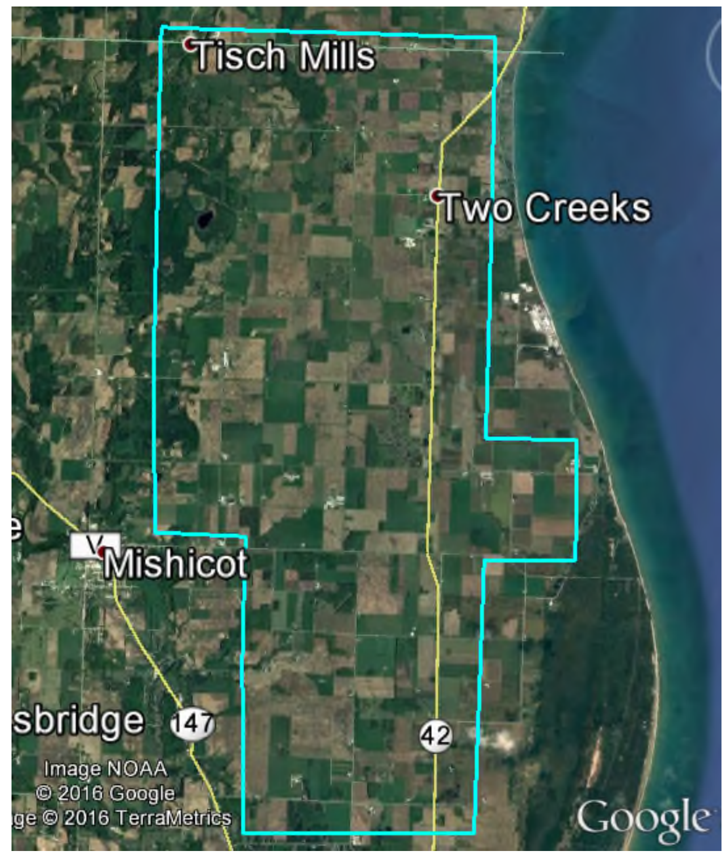
1. Assumes allocation based on Cleanest Gas Standard of 0.4T/MWh, and the following intensities (T/MWh): coal = 1.025, Simple cycle = 0.55 cogen = 0.5, Combined cycle = 0.425

Maintain competitiveness with efficient coal fleet

Tisch Mills Wind

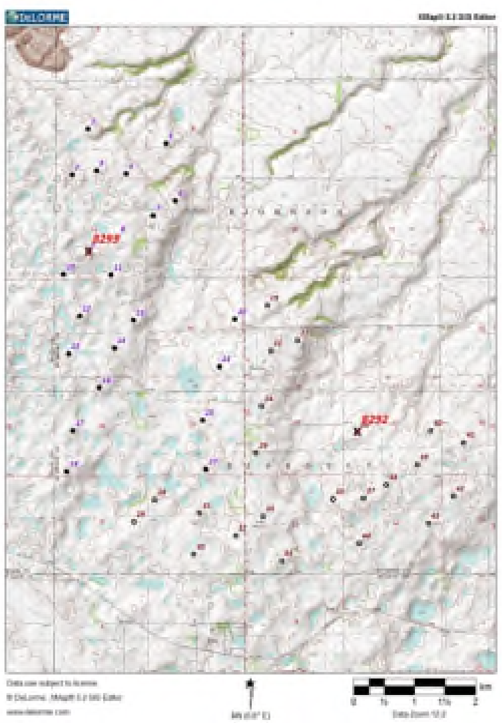
- Location: Manitowoc County, Wisconsin
- 12,000 acres; 100 MWs: 7.3 m/s wind speed
- Market: MISO
- Wisconsin RPS: one of a limited number of Wisconsin development projects

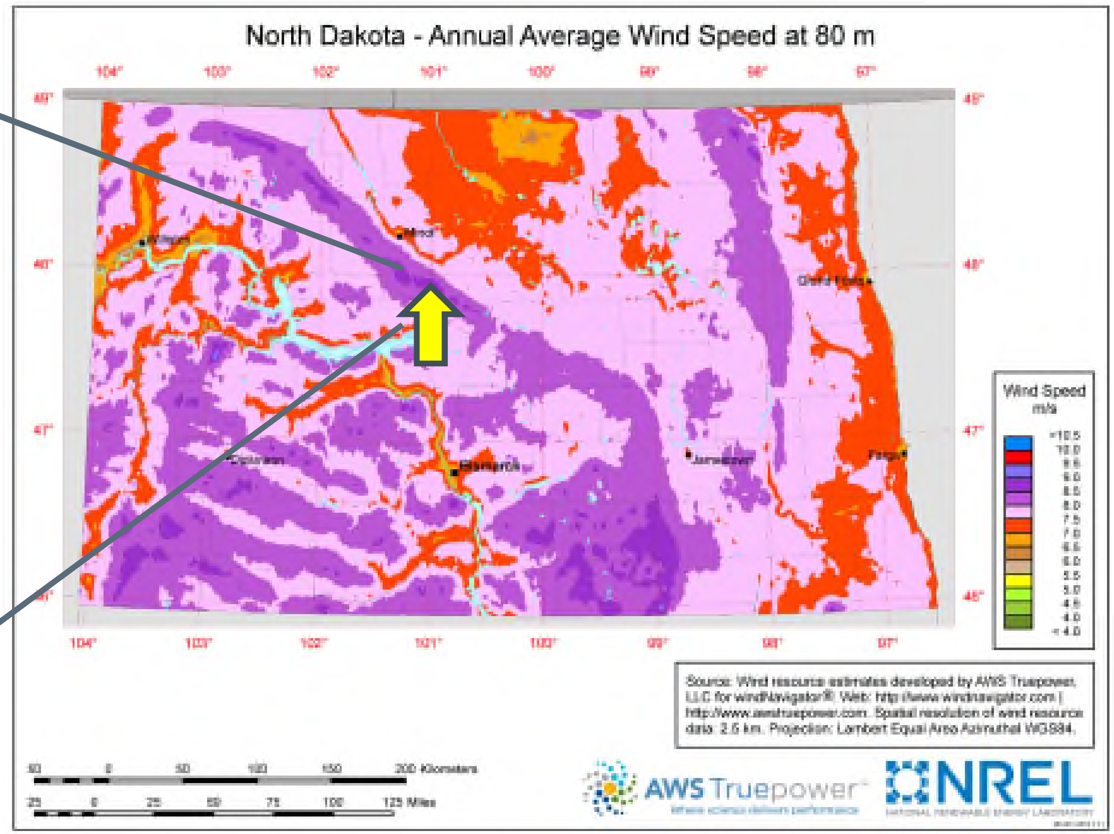




New Frontier Wind

- Location: McHenry County, North Dakota
- 11,350 acres; 99 MWs; 8.8 m/s wind speed
- Market: MISO
- Superior wind resource; MISO network resource





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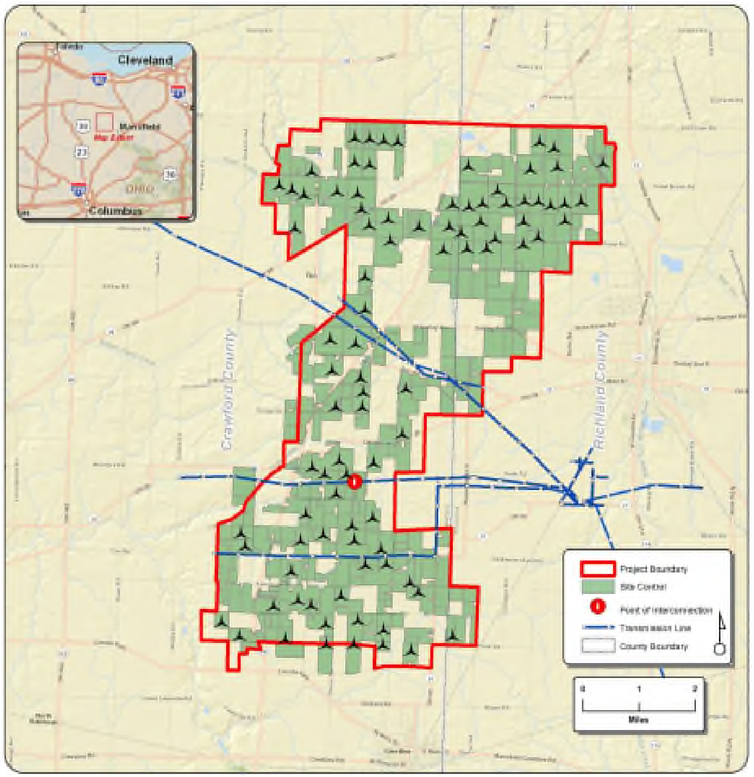
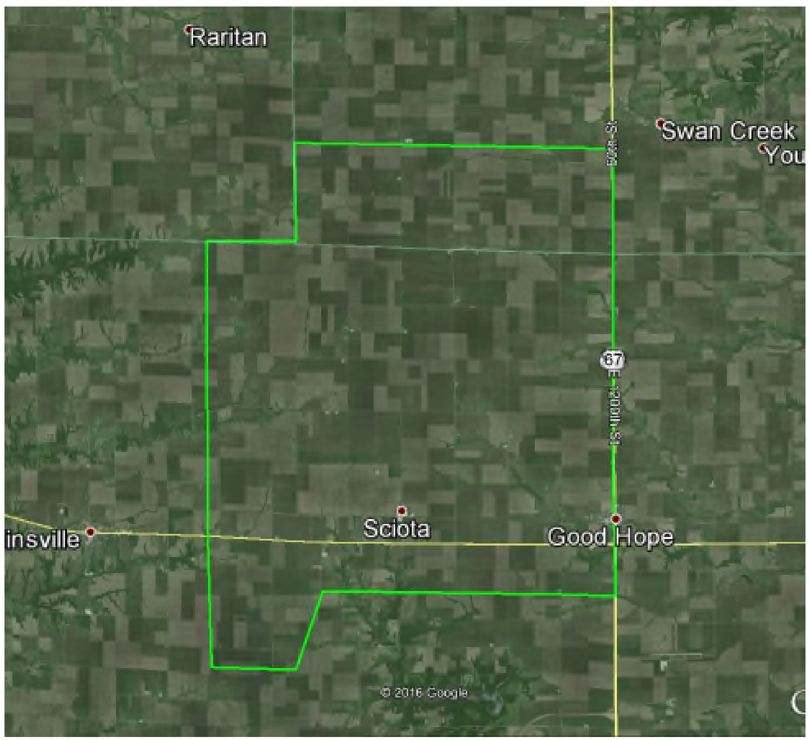
Black Fork Wind

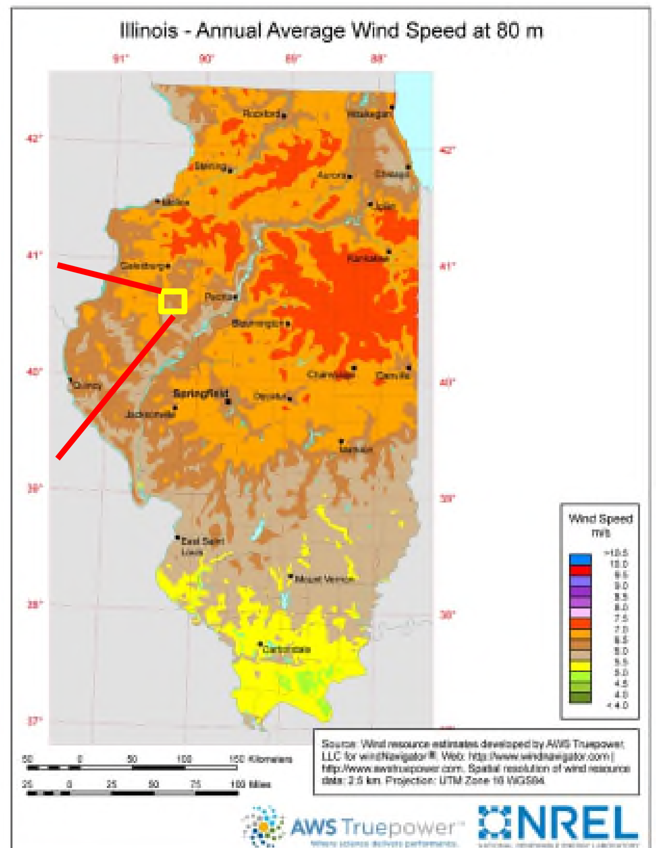
- Location: Crawford and Richland Counties, Ohio
- 23,900 acres; 100-180 MWs: 6.5 m/s wind speed
- Market: PJM
- One of a handful of permitted OH projects; AEP Procurement



Cardinal Point Wind

- Location: McDonough and Warren Counties, Illinois
- 15,000 acres; 150 MWs: 7.7 m/s
- Market: MISO
- Illinois Nuclear legislation; Illinois RPS





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Summary of assets

	Genesee 1	Genesee 2	Genesee 3	Keephills 3	Joffre	Clover Bar Energy Centre	Clover Bar Landfill	Halkirk	Shepard Energy Centre
	Alberta Contracted		Alberta Commercial						
Capacity	430 MW	430 MW	516 MW	516 MW	480 MW	243 MW	5 MW	150 MW	800 MW
% owned / operated	100 / 100	100 / 100	50 / 100	50 / 0	40 / 0	100 / 100	100 / 100	100 / 100	50% / 0%
Location	Warburg	Warburg	Warburg	Wabamun	Joffre	Edmonton	Edmonton	Halkirk	Calgary
Fuel & equipment	Coal (50% ownership of coal mine)	Coal (50% ownership of coal mine)	Coal (50% ownership of coal mine)	Coal	Natural gas	Natural gas (Two 100 MW GE LMS100 turbines; 43 MW GE LM6000)	Landfill gas	Vestas wind turbines	Natural gas
Commercial Operations	1994	1989	2005	2011	2000	Unit 1 in 2008; units 2&3 in 2009	2005	2012	2015
PPA Expiry	2020	2020	Merchant	Merchant	Merchant	Merchant	Merchant	~40% - 45% of total revenues from 20-year REC sale agreement / Merchant	20-year tolling agreement on 50% of Capital Power's output

Summary of assets

	Kingsbridge 1	Island Generation	Quality Wind	Port Dover & Nanticoke	K2 Wind	Roxboro	Southport	Macho Springs	Beaufort Solar
	Ontario & British Columbia Contracted					U.S. Contracted			
Capacity	40 MW	275 MW	142 MW	105 MW	270 MW	46 MW	88 MW	50 MW	15 MW
% owned / operated	100 / 100	100 / 100	100 / 100	100 / 100	33.3% owned	100 / 100	100 / 100	100 / 100	100 (sale & leaseback) / 100
Location	Goderich, Ontario	Campbell River, BC	Near Tumbler Ridge, BC	Located in the counties of Norfolk and Haldimand, Ontario	Ashfield-Colborne-Wawanosh, Ontario	Roxboro, North Carolina	Southport, North Carolina	Luna County, New Mexico	Beaufort County, North Carolina
Fuel & equipment	Vestas wind turbines	Natural gas (Alstom GT24B gas turbine & Alstom steam turbine)	Vestas wind turbines	Vestas wind turbines	Siemens wind turbines	Mixture of wood residuals, tire-derived fuel and coal	Mixture of wood residuals, tire-derived fuel and coal	Vestas wind turbines	Solar
Commercial Operations	2006, 2001	2002	2012	2013	2015	1987	1987	2011	2015
PPA Expiry	2026 / 2027	2022	2037	2033	2035	2021	2021	2031	2030

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Projects under development/construction

	Genesee 4&5	Halkirk 2	Whitla Wind	Bloom Wind
	Alberta Commercial			U.S. Contracted
Capacity	Up to 1,060 MW	150 MW	300 MW	178 MW
% owned / operated	50 / 100	100 / 100	100 / 100	100 / 100
Location	Warburg	Halkirk	Medicine Hat	Ford and Clark Counties, Kansas
Fuel & equipment	Combined-cycle natural gas (Mitsubishi J-Class natural gas turbine technology)	Wind	Wind	54 3.3 MW Vestas turbines
Commercial Operations	To be determined			COD expected in Q3/17
PPA Expiry	8-year tolling arrangement with ENMAX for 50% of Capital Power's share of the output.			10-year fixed price contract with Allianz Risk Transfer, a subsidiary of Allianz SE, covering 100% of the output. Capital Power will swap the market revenue of Bloom Wind's generation for a fixed annual payment over a 10-year term. Agreement will secure long-term predictable revenues and mitigate generation volume uncertainty related to wind resources.
Expected Capital Cost	$1.4B for total project (excluding interest during construction and refundable transmission system contribution payments)			$358M (US$272M)

Non-GAAP financial measures

The Company uses (i) earnings before net finance expense, income tax expense, depreciation and amortization, impairments, foreign exchange gains or losses, finance expense from joint venture, and gains or losses on disposals (adjusted EBITDA), (ii) funds from operations (through 2016), (iii) adjusted funds from operations (commencing in 2017), (iv) normalized earnings attributable to common shareholders, and (v) normalized earnings per share as financial performance measures.

These terms are not defined financial measures according to GAAP and do not have standardized meanings prescribed by GAAP and, therefore, are unlikely to be comparable to similar measures used by other enterprises. These measures should not be considered alternatives to net income, net income attributable to shareholders of the Company, net cash flows from operating activities or other measures of financial performance calculated in accordance with GAAP. Rather, these measures are provided to complement GAAP measures in the analysis of the Company's results of operations from management's perspective.

Reconciliations of these Non-GAAP financial measures are contained in the Company's Management's Discussion and Analysis prepared as of February 17, 2017 for the fourth quarter 2016, which is available under the Company's profile on SEDAR at SEDAR.com and on the Company's website at capitalpower.com.

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Forward-looking information

Forward-looking information or statements included in this presentation and in responses to questions are provided to inform the Company's shareholders and potential investors about management's assessment of Capital Power's future plans and operations. This information may not be appropriate for other purposes. The forward-looking information in this presentation is generally identified by words such as will, anticipate, believe, plan, intend, target, and expect or similar words that suggest future outcomes.

Material forward-looking information includes expectations regarding:

- future revenues, expenses, earnings and adjusted funds from operations,
- the future pricing of electricity and market fundamentals in existing and target markets,
- future dividend growth,
- the Company's future cash requirements including interest and principal repayments, capital expenditures, dividends and distributions,
- the Company's sources of funding, adequacy and availability of committed bank credit facilities and future borrowings,
- future growth and emerging opportunities in the Company's target markets including the focus on certain technologies,
- the timing of, funding of, and costs for existing, planned and potential development projects and acquisitions,
- facility availability and planned outages,
- capital expenditures for facility maintenance and other (sustaining capital, future growth projects),
- the impact of environmental regulations on the Company, its businesses, accounting policies, and emissions compliance costs, and
- the impact of the transition to a capacity market on the Company's future growth projects including the Genesee 4 and 5 project.

These statements are based on certain assumptions and analyses made by the Company in light of its experience and perception of historical trends, current conditions, expected future developments, and other factors it believes are appropriate. The material factors and assumptions used to develop these forward-looking statements relate to:

- electricity and other energy prices,
- performance,
- business prospects and opportunities including expected growth and capital projects,
- status of and impact of policy, legislation and regulations,
- effective tax rates, and
- other matters discussed under the Performance Overview and Outlook and Targets for 2017 sections.

Whether actual results, performance or achievements will conform to the Company's expectations and predictions is subject to a number of known and unknown risks and uncertainties which could cause actual results and experience to differ materially from the Company's expectations. Such material risks and uncertainties are:

- changes in electricity prices in markets in which the Company operates,
- changes in energy commodity market prices and use of derivatives,
- regulatory and political environments including changes to environmental, financial reporting and tax legislation,
- generation facility availability and performance including maintenance of equipment,
- ability to fund current and future capital and working capital needs,
- acquisitions and developments including timing and costs of regulatory approvals and construction,
- changes in market prices and availability of fuel, and
- changes in general economic and competitive conditions.

See Risks and Risk Management in the Company's December 31, 2016 annual MD&A for further discussion of these and other risks. Readers are cautioned not to place undue reliance on any such forward-looking statements, which speak only as of the specified approval date. The Company does not undertake or accept any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements to reflect any change in the Company's expectations or any change in events, conditions or circumstances on which any such statement is based, except as required by law.

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