

SUNCOR ENERGY - 2016 CORPORATE GUIDANCE

November 17th, 2015

2016 Corporate Guidance

Suncor's 2016 Corporate Guidance provides ranges for production and other key metrics of the company's business, as well as targets for capital expenditures and other items. It is management's expectation that actual results will fall within these respective ranges, however Suncor makes no representation as to where actual results will fall within a particular range and will only update this Corporate Guidance to the extent that actual results are or are anticipated to be materially outside of these ranges and such update is required by law.

| | 2016 Full Year Outlook November 17, 2015 |
|---|---|
| Suncor Total Production (boe/d) ⁽¹⁾ | 525,000 - 565,000 |
| Oil Sands (bbld/s) | 400,000 - 425,000 |
| Syncrude (bbls/d) ⁽²⁾ | 30,000 - 35,000 |
| Exploration and Production (boe/d) | 95,000 - 105,000 |
| | |
| Suncor Refinery Throughput (bbls/d) | 420,000 - 440,000 |
| Suncor Refinery Utilization ⁽³⁾ | 91% - 95% |
| | |
| Sales Assumptions | |
| Oil Sands Sales ⁽⁴⁾ | |
| Synthetic Crude Oil (bbls/d) | 290,000 - 315,000 |
| Bitumen (bbls/d) | 100,000 - 120,000 |
| | |
| Refined Product Sales (bbls/d) | 510,000 - 550,000 |

- (1) At the time of publication, production in Libya continues to be affected by political unrest and therefore guidance is not being provided. Suncor Total Production excludes Libya production.
- (2) Reflects Suncor's share of production from Syncrude operations, based on Suncor's view of Syncrude's preliminary 2016 operating plan. Corresponding cash operating costs per barrel are estimated at \$38 to \$45, which excludes research and development costs.
- (3) Refinery utilization is based on the following crude processing capacities: Montreal - 137,000 bbls/d; Sarnia - 85,000 bbls/d; Edmonton - 142,000 bbls/d; and Commerce City - 98,000 bbls/d.
- (4) Sales include upgraded Oil Sands synthetic crude oil and bitumen. The lower and upper ranges for these sales categories are not intended to add to the Oil Sands production ranges. The sales ranges reflect the integrated upgrading and bitumen production performance risk.

Capital Expenditures (C\$ millions) ⁽¹⁾

| | 2016 Full Year Outlook November 17, 2015 | % Growth Capital ⁽²⁾ |
|-------------------------|---|------------------------------------|
| Upstream ⁽³⁾ | 5,850 - 6,300 | 65% |
| Downstream | 800 - 900 | 5% |
| Corporate | 50 - 100 | 5% |
| Total | 6,700 - 7,300 | 55% |

**2016 Full Year Outlook
November 17, 2015****Other Information**

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| Oil Sands Cash Operating Costs (\$/bbl) ⁽⁴⁾ | \$27.00 - \$30.00 |
| Canadian Tax Rate (effective) | 27% - 28% |
| US Tax Rate (effective) | 37% - 38% |
| UK Tax Rate (effective) | 40% - 45% |
| Average Corporate Interest Rate | 5% - 6% |
| Oil Sands Crown Royalties ⁽⁵⁾ | 2% - 4% |
| East Coast Canada Royalties ⁽⁵⁾ | 19% - 23% |

Business Environment

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|--|---------|
| Oil Prices - Brent, Sullom Voe (\$US/bbl) | \$55.00 |
| WTI, Cushing (\$US/bbl) | \$50.00 |
| WCS, Hardisty (\$US/bbl) | \$35.00 |
| Refining Margin - NY Harbor 3-2-1 crack (\$US/bbl) | \$16.00 |
| Natural Gas Price - AECO - C Spot (\$CAD/GJ) | \$2.50 |
| Exchange Rate (CADUSD) | 0.75 |

- (1) Capital expenditures exclude capitalized interest of \$600 million - \$700 million.
- (2) Balance of capital expenditures represents sustaining capital. For definitions of growth and sustaining capital expenditures, see the Capital Investment Update section of Suncor's Management's Discussion and Analysis dated October 28th, 2015 (the "MD&A").
- (3) The upstream capital spending estimate includes approximately \$100 million of sustaining capital for Suncor's share of Syncrude.
- (4) Cash operating costs are based on the following assumptions: production volumes, sales mix, and average natural gas prices as described in the tables above. Cash operating costs per barrel is a non-GAAP financial measure. For more information on cash operating costs per barrel, see the Oil Sands Cash Operating Costs Reconciliation in the Segment Results and Analysis section of the MD&A. See also the Non-GAAP Financial Measures Advisory section of the MD&A. Both sections are incorporated by reference herein.
- (5) Reflected as a percentage of gross revenue (Oil Sands royalties exclude Syncrude).

Suncor's 2016 Full Year Outlook contains certain forward-looking statements and information (collectively, "forward-looking statements"). All forward-looking statements for the 2016 fiscal year are based on Suncor's current expectations, estimates, projections and assumptions that were made by the company in light of its experience and its perception of historical trends including: expectations and assumptions concerning the accuracy of reserve and resource estimates; commodity prices and interest and

foreign exchange rates; capital efficiencies and cost-savings; applicable royalty rates and tax laws; future production rates; the sufficiency of budgeted capital expenditures in carrying out planned activities; and the availability and cost of labor and services. Forward-looking statements are not guarantees of future performance and involve a number of risks and uncertainties, some that are similar to other oil and gas companies and some that are unique to our company. Suncor's actual results may differ materially from those expressed or implied by our forward-looking statements and you are cautioned not to place undue reliance on them.

Assumptions for the Oil Sands and Syncrude 2016 production outlook include those relating to reliability and operational efficiency initiatives that the company expects will minimize unplanned maintenance in 2016. Assumptions for the Exploration and Production 2016 production outlook include those relating to reservoir performance, drilling results and facility reliability. Factors that could potentially impact Suncor's 2016 corporate guidance include, but are not limited to:

- Bitumen supply. Bitumen supply may be dependent on unplanned maintenance of mine equipment and extraction plants, bitumen ore grade quality, tailings storage and in situ reservoir performance.
- Third-party infrastructure. Production estimates could be negatively impacted by issues with third-party infrastructure, including pipeline or power disruptions, that may result in the apportionment of capacity, pipeline or third-party facility shutdowns, which would affect the company's ability to produce or market its crude oil.
- Performance of recently commissioned facilities or well pads. Production rates while new equipment is being brought into service are difficult to predict and can be impacted by unplanned maintenance.
- Unplanned maintenance. Production estimates could be negatively impacted if unplanned work is required at any of our mining, extraction, upgrading, in situ processing, refining, natural gas processing, pipeline, or offshore assets.
- Planned maintenance events. Production estimates, including production mix, could be negatively impacted if planned maintenance events are affected by unexpected events or are not executed effectively. The successful execution of maintenance and start-up of operations for offshore assets, in particular, may be impacted by harsh weather conditions, particularly in the winter season.
- Commodity prices. Declines in commodity prices may alter our production outlook and/or reduce our capital expenditure plans.
- Foreign operations. Suncor's foreign operations and related assets are subject to a number of political, economic and socio-economic risks.

Suncor's News Release dated October 28, 2015 and the MD&A, and its most recently filed Annual Information Form, Form 40-F, Annual Report to Shareholders and other documents it files from time to time with securities regulatory authorities describe the risks, uncertainties, material assumptions and other factors that could influence actual results and such factors are incorporated herein by reference. Copies of these documents are available without charge from Suncor at 150 6th Avenue S.W., Calgary, Alberta T2P 3Y7, by calling 1-800-558-9071, or by email request to info@suncor.com or by referring to the company's profile on SEDAR at www.sedar.com or EDGAR at www.sec.gov. Except as required by applicable securities laws, Suncor disclaims any intention or obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

Certain natural gas estimates provided for above have been converted to barrels of oil equivalent (boe) on the basis of one barrel of oil to six thousand cubic feet of natural gas. Boe may be misleading, particularly if used in isolation. A conversion ratio of six thousand cubic feet of natural gas to one barrel of oil is based on an energy equivalency conversion method primarily applicable at the burner tip and does not necessarily represent value equivalency at the wellhead. Given that the value ratio based on the current price of crude oil as compared to natural gas is significantly different from the energy equivalency of 6:1, conversion on a 6:1 basis may be misleading as an indication of value.