Cenovus Energy Inc.

Interim Supplemental Information (unaudited)

For the period ended December 31, 2016

(Canadian Dollars)

SUPPLEMENTAL INFORMATION *(unaudited)*

Financial Statistics

($ millions, except per share amounts)

Revenues	2016 Year	2016 Q4	2016 Q3	2016 Q2	2016 Q1	2015 Year
Gross Sales						
Upstream	**4,196**	**1,326**	1,123	1,003	744	4,739
Refining and Marketing	**8,439**	**2,477**	2,245	2,129	1,588	8,805
Corporate and Eliminations	**(353)**	**(108)**	(89)	(89)	(67)	(337)
Less: Royalties	**148**	**53**	39	36	20	143
Revenues	**12,134**	**3,642**	3,240	3,007	2,245	13,064

Operating Margin [1]	2016 Year	2016 Q4	2016 Q3	2016 Q2	2016 Q1	2015 Year
Crude Oil and Natural Gas Liquids						
Foster Creek	**399**	**165**	125	98	11	454
Christina Lake	**476**	**168**	140	134	34	592
Conventional	**402**	**100**	108	106	88	683
Natural Gas	**141**	**50**	47	10	34	307
Other Upstream Operations	**3**	**4**	(1)	-	-	18
	1,421	**487**	419	348	167	2,054
Refining and Marketing	**346**	**108**	68	193	(23)	385
Operating Margin	**1,767**	**595**	487	541	144	2,439

Adjusted Funds Flow [2]	2016 Year	2016 Q4	2016 Q3	2016 Q2	2016 Q1	2015 Year
Cash From Operating Activities	**861**	**164**	310	205	182	1,474
Deduct (Add Back):						
Net Change in Other Assets and Liabilities	**(91)**	**(32)**	(13)	(17)	(29)	(107)
Net Change in Non-Cash Working Capital	**(471)**	**(339)**	(99)	(218)	185	(110)
Adjusted Funds Flow	**1,423**	**535**	422	440	26	1,691
Per Share - Basic	**1.71**	**0.64**	0.51	0.53	0.03	2.07
- Diluted	**1.71**	**0.64**	0.51	0.53	0.03	2.07

Earnings	2016 Year	2016 Q4	2016 Q3	2016 Q2	2016 Q1	2015 Year
Operating Earnings (Loss) [3]	**(377)**	**321**	(236)	(39)	(423)	(403)
Per Share - Diluted	**(0.45)**	**0.39**	(0.28)	(0.05)	(0.51)	(0.49)
Net Earnings (Loss)	**(545)**	**91**	(251)	(267)	(118)	618
Per Share - Basic	**(0.65)**	**0.11**	(0.30)	(0.32)	(0.14)	0.75
- Diluted	**(0.65)**	**0.11**	(0.30)	(0.32)	(0.14)	0.75

Income Tax & Exchange Rates	2016 Year	2016 Q4	2016 Q3	2016 Q2	2016 Q1	2015 Year
Effective Tax Rates Using:						
Net Earnings [4]	**41.2%**					(15.1)%
Operating Earnings, Excluding Divestitures	**33.0%**					32.4%
Canadian Statutory Rate [5]	**27.0%**					26.1%
U.S. Statutory Rate	**38.0%**					38.0%
Foreign Exchange Rates *(US$ per C$1)*						
Average	**0.755**	**0.750**	0.766	0.776	0.728	0.782
Period End	**0.745**	**0.745**	0.762	0.769	0.771	0.723

(1) Operating Margin (previously labelled Operating Cash Flow) is an additional subtotal found in Note 1 of the Consolidated Financial Statements and is used to provide a consistent measure of the cash generating performance of our assets for comparability of our underlying financial performance between periods. Operating Margin is defined as revenues less purchased product, transportation and blending, operating expenses and production and mineral taxes plus realized gains less realized losses on risk management activities. Items within the Corporate and Eliminations segment are excluded from the calculation of Operating Margin.

(2) Adjusted Funds Flow (previously labelled Cash Flow) is a non-GAAP measure commonly used in the oil and gas industry to assist in measuring a company's ability to finance its capital programs and meet its financial obligations. Adjusted Funds Flow is defined as cash from operating activities excluding net change in other assets and liabilities and net change in non-cash working capital, both of which are defined on the Consolidated Statement of Cash Flows. Net change in other assets and liabilities is composed of site restoration costs and pension funding.

(3) Operating Earnings (Loss) is a non-GAAP measure that is used to provide a consistent measure of the comparability of our underlying financial performance between periods by removing non-operating items. Operating Earnings (Loss) is defined as Earnings (Loss) Before Income Tax excluding gain (loss) on discontinuance, gain on bargain purchase, unrealized risk management gains (losses) on derivative instruments, unrealized foreign exchange gains (losses) on translation of U.S. dollar denominated notes issued from Canada, foreign exchange gains (losses) on settlement of intercompany transactions, gains (losses) on divestiture of assets, less income taxes on Operating Earnings (Loss) before tax, excluding the effect of changes in statutory income tax rates and the recognition of an increase in U.S. tax basis.

(4) The 2015 effective tax rate reflects an increase to the tax basis of Cenovus's U.S. assets, the two percent increase in the Alberta corporate income tax rate and the benefit from recognition of previously unrecognized capital losses.

(5) On June 29, 2015, the Alberta government enacted a two percent increase in the corporate income tax rate. The rate increase was effective July 1, 2015.

Financial Metrics (Non-GAAP Measures)	2016 Year	2016 Q4	2016 Q3	2016 Q2	2016 Q1	2015 Year
Net Debt to Capitalization [1] [2]	**18%**	**18%**	17%	17%	16%	16%
Debt to Capitalization [3] [4]	**35%**	**35%**	35%	34%	34%	34%
Net Debt to Adjusted EBITDA [1] [5]	**1.9x**	**1.9x**	2.0x	1.9x	1.3x	1.2x
Debt to Adjusted EBITDA [3] [5]	**4.5x**	**4.5x**	5.3x	4.8x	3.6x	3.1x
Return on Capital Employed [6]	**(2)%**	**(2)%**	(6)%	6%	8%	5%
Return on Common Equity [7]	**(5)%**	**(5)%**	(10)%	7%	10%	5%

(1) Net debt includes the Company's short-term borrowings, and the current and long-term portions of long-term debt, net of cash and cash equivalents.

(2) Net debt to capitalization is defined as net debt divided by net debt plus shareholders' equity.

(3) Debt includes the Company's short-term borrowings and the current and long-term portions of long-term debt.

(4) Capitalization is a non-GAAP measure defined as debt plus shareholders' equity.

(5) Adjusted EBITDA is defined as earnings before finance costs, interest income, income tax expense, depreciation, depletion and amortization, goodwill impairments, asset impairments and reversals, unrealized gains (losses) on risk management, foreign exchange gains (losses), gains (losses) on divestiture of assets and other income (loss), net, calculated on a trailing twelve-month basis.

(6) Return on capital employed is calculated, on a trailing twelve-month basis, as net earnings before after-tax interest divided by average shareholders' equity plus average debt.

(7) Return on common equity is calculated, on a trailing twelve-month basis, as net earnings divided by average shareholders' equity.

SUPPLEMENTAL INFORMATION *(unaudited)*

Financial Statistics (continued)

Common Share Information	2016 Year	Q4	Q3	Q2	Q1	2015 Year
Common Shares Outstanding *(millions)*						
Period End	**833.3**	**833.3**	833.3	833.3	833.3	833.3
Average - Basic	**833.3**	**833.3**	833.3	833.3	833.3	818.7
Average - Diluted	**833.3**	**833.3**	833.3	833.3	833.3	818.7
Price Range *($ per share)*						
TSX - C$						
High	**22.07**	**22.07**	20.06	21.00	18.15	26.42
Low	**12.70**	**17.96**	17.15	16.12	12.70	15.75
Close	**20.30**	**20.30**	18.83	17.87	16.90	17.50
NYSE - US$						
High	**16.82**	**16.82**	15.72	16.56	13.97	21.12
Low	**9.10**	**13.36**	12.93	12.25	9.10	11.85
Close	**15.13**	**15.13**	14.37	13.82	13.00	12.62
Dividends *($ per share)*	**0.2000**	**0.0500**	0.0500	0.0500	0.0500	0.8524
Share Volume Traded *(millions)*	**1,491.7**	**322.6**	313.0	373.3	482.8	1,691.2

Net Capital Investment	2016 Year	Q4	Q3	Q2	Q1	2015 Year
Capital Investment *($ millions)*						
Oil Sands						
Foster Creek	**263**	**52**	54	68	89	403
Christina Lake	**282**	**60**	47	61	114	647
Total	**545**	**112**	101	129	203	1,050
Other Oil Sands	**59**	**16**	9	10	24	135
	604	**128**	110	139	227	1,185
Conventional	**171**	**57**	41	34	39	244
Refining and Marketing	**220**	**64**	51	53	52	248
Corporate	**31**	**10**	6	10	5	37
Capital Investment	**1,026**	**259**	208	236	323	1,714
Acquisitions	**11**	**-**	-	11	-	87
Divestitures	**(8)**	**-**	(8)	-	-	(3,344)
Net Acquisition and Divestiture Activity	**3**	**-**	(8)	11	-	(3,257)
Net Capital Investment	**1,029**	**259**	200	247	323	(1,543)

Operating Statistics - Before Royalties

Upstream Production Volumes	2016 Year	Q4	Q3	Q2	Q1	2015 Year
Crude Oil and Natural Gas Liquids *(bbls/d)*						
Oil Sands						
Foster Creek	**70,244**	**81,588**	73,798	64,544	60,882	65,345
Christina Lake	**79,449**	**82,808**	79,793	78,060	77,093	74,975
	149,693	**164,396**	153,591	142,604	137,975	140,320
Conventional						
Heavy Oil	**29,185**	**28,913**	28,096	28,500	31,247	34,888
Light and Medium Oil	**25,915**	**25,065**	25,311	26,177	27,121	30,486
Natural Gas Liquids [1]	**1,065**	**1,177**	1,074	799	1,208	1,253
	56,165	**55,155**	54,481	55,476	59,576	66,627
Total Crude Oil and Natural Gas Liquids	**205,858**	**219,551**	208,072	198,080	197,551	206,947
Natural Gas *(MMcf/d)*						
Oil Sands	**17**	**17**	18	18	17	19
Conventional	**377**	**362**	374	381	391	422
Total Natural Gas	**394**	**379**	392	399	408	441
Total Production [2] *(BOE/d)*	**271,525**	**282,718**	273,405	264,580	265,551	280,447

Upstream Sales Volumes	2016 Year	Q4	Q3	Q2	Q1	2015 Year
Crude Oil and Natural Gas Liquids *(bbls/d)*						
Oil Sands						
Foster Creek	**69,647**	**79,827**	76,318	62,089	60,169	64,467
Christina Lake	**79,481**	**81,398**	80,313	76,066	80,118	73,872
	149,128	**161,225**	156,631	138,155	140,287	138,339
Conventional						
Heavy Oil	**28,958**	**28,833**	27,953	28,294	30,764	35,597
Light and Medium Oil	**25,965**	**24,903**	25,359	26,407	27,210	30,517
Natural Gas Liquids [1]	**1,065**	**1,177**	1,074	799	1,208	1,253
	55,988	**54,913**	54,386	55,500	59,182	67,367
Total Crude Oil and Natural Gas Liquids	**205,116**	**216,138**	211,017	193,655	199,469	205,706
Natural Gas *(MMcf/d)*						
Oil Sands	**17**	**17**	18	18	17	19
Conventional	**377**	**362**	374	381	391	422
Total Natural Gas	**394**	**379**	392	399	408	441
Total Sales [2] *(BOE/d)*	**270,783**	**279,305**	276,350	260,155	267,469	279,206

(1) Natural gas liquids include condensate volumes.

(2) Natural gas volumes have been converted to barrels of oil equivalent (BOE) on the basis of six thousand cubic feet (Mcf) to one barrel (bbl). BOE may be misleading, particularly if used in isolation. A conversion ratio of one bbl to six Mcf is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent value equivalency at the wellhead. Given that the value ratio based on the current price of crude oil compared to natural gas is significantly different from the energy equivalency conversion ratio of 6:1, utilizing a conversion on a 6:1 basis is not an accurate reflection of value.

Average Royalty Rates *(Excluding Impact of Realized Gain (Loss) on Risk Management)*	2016 Year	Q4	Q3	Q2	Q1	2015 Year
Oil Sands						
Foster Creek	**0.0%**	**(0.9)%**	0.8%	1.0%	(4.9)%	1.9%
Christina Lake	**1.6%**	**1.8%**	1.6%	1.2%	1.2%	2.8%
Conventional Oil						
Pelican Lake	**12.5%**	**11.9%**	14.1%	14.3%	8.3%	9.0%
Weyburn	**23.6%**	**28.3%**	23.0%	23.9%	16.6%	17.7%
Other	**12.8%**	**19.3%**	10.4%	8.6%	12.0%	5.2%
Natural Gas Liquids	**13.5%**	**12.2%**	12.0%	15.0%	16.1%	5.6%
Natural Gas	**4.6%**	**5.3%**	4.5%	3.7%	4.3%	2.5%

Refining	2016 Year	Q4	Q3	Q2	Q1	2015 Year
Refinery Operations [1]						
Crude Oil Capacity *(Mbbls/d)*	**460**	**460**	460	460	460	460
Crude Oil Runs *(Mbbls/d)*	**444**	**421**	463	458	435	419
Heavy Oil	**233**	**223**	241	228	241	200
Light/Medium	**211**	**198**	222	230	194	219
Crude Utilization	**97%**	**92%**	101%	100%	95%	91%
Refined Products *(Mbbls/d)*	**471**	**448**	494	483	460	444

(1) Represents 100% of the Wood River and Borger refinery operations.

SUPPLEMENTAL INFORMATION *(unaudited)*

Operating Statistics - Before Royalties (continued)

Selected Average Benchmark Prices	2016					2015
	Year	**Q4**	Q3	Q2	Q1	Year
Crude Oil Prices *(US$/bbl)*						
Brent	**45.04**	**51.13**	46.98	46.97	35.08	53.64
West Texas Intermediate ("WTI")	**43.32**	**49.29**	44.94	45.59	33.45	48.80
Differential Brent - WTI	**1.72**	**1.84**	2.04	1.38	1.63	4.84
Western Canadian Select ("WCS")	**29.48**	**34.97**	31.44	32.29	19.21	35.28
Differential WTI - WCS	**13.84**	**14.32**	13.50	13.30	14.24	13.52
Condensate (C5 @ Edmonton)	**42.47**	**48.33**	43.07	44.07	34.39	47.36
Differential WTI - Condensate (Premium)/Discount	**0.85**	**0.96**	1.87	1.52	(0.94)	1.44
Refining Margins 3-2-1 Crack Spreads (1) *(US$/bbl)*						
Chicago	**13.07**	**10.96**	14.58	17.15	9.58	19.11
Group 3	**12.27**	**10.95**	14.56	13.03	10.52	18.16
Natural Gas Prices						
AECO *(C$/Mcf)*	**2.09**	**2.81**	2.20	1.25	2.11	2.77
NYMEX *(US$/Mcf)*	**2.46**	**2.98**	2.81	1.95	2.09	2.66
Differential NYMEX - AECO *(US$/Mcf)*	**0.89**	**0.86**	1.13	0.99	0.56	0.49

(1) The 3-2-1 crack spread is an indicator of the refining margin generated by converting three barrels of crude oil into two barrels of regular unleaded gasoline and one barrel of ultra-low sulphur diesel using current month WTI based crude oil feedstock prices and on a last in, first out accounting basis ("LIFO").

Netbacks (1)

(Excluding Impact of Realized Gain (Loss) on Risk Management)

	2016					2015
	Year	**Q4**	Q3	Q2	Q1	Year
Heavy Oil - Foster Creek *($/bbl)*						
Sales Price	**30.32**	**38.59**	33.61	33.40	11.82	33.65
Royalties	**(0.01)**	**(0.27)**	0.19	0.23	(0.16)	0.47
Transportation and Blending	**8.84**	**7.37**	8.38	11.44	8.70	8.84
Operating	**10.55**	**10.60**	9.63	10.15	12.05	12.60
Netback	**10.94**	**20.89**	15.41	11.58	(8.77)	11.74
Heavy Oil - Christina Lake *($/bbl)*						
Sales Price	**25.30**	**34.78**	29.11	28.31	8.85	28.45
Royalties	**0.33**	**0.56**	0.41	0.28	0.05	0.67
Transportation and Blending	**4.68**	**4.08**	4.49	4.90	5.28	4.72
Operating	**7.48**	**8.15**	7.72	6.35	7.61	8.01
Netback	**12.81**	**21.99**	16.49	16.78	(4.09)	15.05
Total Heavy Oil - Oil Sands *($/bbl)*						
Sales Price	**27.64**	**36.67**	31.30	30.59	10.13	30.88
Royalties	**0.17**	**0.14**	0.30	0.26	(0.04)	0.58
Transportation and Blending	**6.62**	**5.71**	6.39	7.84	6.75	6.64
Operating	**8.91**	**9.37**	8.65	8.06	9.52	10.13
Netback	**11.94**	**21.45**	15.96	14.43	(6.10)	13.53
Heavy Oil - Conventional *($/bbl)*						
Sales Price	**35.82**	**40.72**	40.50	36.77	25.99	39.95
Royalties	**3.31**	**4.08**	3.97	3.95	1.40	2.97
Transportation and Blending	**4.60**	**4.90**	4.86	3.85	4.77	3.36
Operating	**13.38**	**14.69**	12.43	12.34	13.98	15.92
Production and Mineral Taxes	**0.01**	**0.01**	0.01	0.01	-	0.04
Netback	**14.52**	**17.04**	19.23	16.62	5.84	17.66
Light and Medium Oil *($/bbl)*						
Sales Price	**46.48**	**55.35**	48.97	48.09	34.36	50.64
Royalties	**9.28**	**14.87**	8.91	8.52	5.18	5.66
Transportation and Blending	**2.73**	**2.69**	2.71	2.77	2.73	2.91
Operating	**15.65**	**16.05**	13.94	16.21	16.34	16.27
Production and Mineral Taxes	**1.24**	**1.50**	1.48	1.18	0.82	1.41
Netback	**17.58**	**20.24**	21.93	19.41	9.29	24.39
Total Crude Oil *($/bbl)*						
Sales Price	**31.20**	**39.37**	34.66	33.89	15.91	35.41
Royalties	**1.77**	**2.38**	1.83	1.93	0.90	1.75
Transportation and Blending	**5.84**	**5.25**	5.74	6.56	5.89	5.51
Operating	**10.40**	**10.85**	9.79	9.80	11.14	12.05
Production and Mineral Taxes	**0.16**	**0.17**	0.18	0.16	0.11	0.22
Netback	**13.03**	**20.72**	17.12	15.44	(2.13)	15.88
Natural Gas Liquids *($/bbl)*						
Sales Price	**31.16**	**40.79**	29.71	28.11	24.99	30.98
Royalties	**4.21**	**4.97**	3.58	4.20	4.03	1.74
Netback	**26.95**	**35.82**	26.13	23.91	20.96	29.24
Total Liquids *($/bbl)*						
Sales Price	**31.20**	**39.38**	34.64	33.87	15.97	35.38
Royalties	**1.79**	**2.39**	1.84	1.94	0.92	1.75
Transportation and Blending	**5.81**	**5.22**	5.71	6.53	5.85	5.48
Operating	**10.35**	**10.80**	9.74	9.76	11.08	11.98
Production and Mineral Taxes	**0.16**	**0.17**	0.18	0.16	0.11	0.22
Netback	**13.09**	**20.80**	17.17	15.48	(1.99)	15.95
Total Natural Gas *($/Mcf)*						
Sales Price	**2.32**	**2.99**	2.49	1.53	2.31	2.92
Royalties	**0.10**	**0.15**	0.10	0.04	0.09	0.07
Transportation and Blending	**0.11**	**0.12**	0.10	0.13	0.10	0.11
Operating	**1.15**	**1.25**	1.05	1.06	1.23	1.20
Production and Mineral Taxes	**-**	**-**	0.01	-	-	0.01
Netback	**0.96**	**1.47**	1.23	0.30	0.89	1.53
Total (2) *($/BOE)*						
Sales Price	**27.01**	**34.53**	29.98	27.56	15.43	30.67
Royalties	**1.49**	**2.06**	1.55	1.51	0.82	1.40
Transportation and Blending	**4.56**	**4.20**	4.51	5.07	4.51	4.21
Operating	**9.51**	**10.05**	8.92	8.89	10.14	10.72
Production and Mineral Taxes	**0.12**	**0.13**	0.15	0.12	0.08	0.18
Netback	**11.33**	**18.09**	14.85	11.97	(0.12)	14.16
Realized Gain (Loss) on Risk Management						
Liquids *($/bbl)*	**3.23**	**0.91**	2.14	1.97	8.16	7.51
Natural Gas *($/Mcf)*	**-**	**-**	-	-	-	0.37
Total (2) *($/BOE)*	**2.44**	**0.70**	1.63	1.46	6.08	6.11

(1) Netback is a non-GAAP measure commonly used in the oil and gas industry to assist in measuring operating performance on a per-unit basis. Netback is defined as gross sales less royalties, transportation and blending, operating expenses and production and mineral taxes divided by sales volumes. Netbacks do not reflect non-cash write-downs of product inventory until the inventory is sold. Our calculation is consistent with the definition found in the Canadian Oil and Gas Evaluation Handbook. The crude oil sales price, transportation and blending costs, and sales volumes exclude the impact of purchased condensate. The reconciliation of the financial components of each Netback to Operating Margin can be found in Management's Discussion and Analysis and the Annual Information Form.

(2) Natural gas volumes have been converted to barrels of oil equivalent (BOE) on the basis of six thousand cubic feet (Mcf) to one barrel (bbl). BOE may be misleading, particularly if used in isolation. A conversion ratio of one bbl to six Mcf is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent value equivalency at the wellhead. Given that the value ratio based on the current price of crude oil compared to natural gas is significantly different from the energy equivalency conversion ratio of 6:1, utilizing a conversion on a 6:1 basis is not an accurate reflection of value.