



# Royalty Rate Curves - 2022

May 2022

## Natural Gas & Ethane

(P represents the price in C\$/GJ):

$$R\% = \begin{cases} 5 & \text{if } P \leq 2.40 \\ 6(P - 2.40) + 5 & \text{if } 2.40 < P \leq 3.00 \\ 4.25(P - 3.00) + 8.6 & \text{if } 3.00 < P \leq 6.75 \\ 2.25(P - 6.75) + 24.538 & \text{if } 6.75 < P \leq 11.84 \\ 36 & \text{if } P > 11.84 \end{cases}$$

## Propane

(P represents the price in C\$/m<sup>3</sup>):

$$R\% = \begin{cases} 5 & \text{if } P \leq 63.34 \\ 0.2025(P - 63.34) + 5 & \text{if } 63.34 < P \leq 143.16 \\ 0.1113(P - 143.16) + 21.122 & \text{if } 143.16 < P \leq 253.28 \\ 0.059(P - 253.28) + 33.3416 & \text{if } 253.28 < P \leq 297.08 \\ 36 & \text{if } P > 298.08 \end{cases}$$

## Butane

(P represents the price in C\$/m<sup>3</sup>):

$$R\% = \begin{cases} 5 & \text{if } P \leq 126.83 \\ 0.1013(P - 126.83) + 5 & \text{if } 126.83 < P \leq 286.31 \\ 0.0554(P - 286.31) + 21.122 & \text{if } 286.31 < P \leq 506.55 \\ 0.0313(P - 506.55) + 33.235 & \text{if } 506.55 < P \leq 594.88 \\ 36 & \text{if } P > 594.88 \end{cases}$$

## Pentanes+, Condensate and Oil

(P represents the price in C\$/m<sup>3</sup>):

$$R\% = \begin{cases} 5 & \text{if } P \leq 181.27 \\ 0.071(P - 181.27) + 5 & \text{if } 181.27 < P \leq 409.02 \\ 0.039(P - 409.02) + 21.17 & \text{if } 409.02 < P \leq 723.64 \\ 0.02(P - 723.64) + 33.44 & \text{if } 723.64 < P \leq 1,051.64 \\ 40 & \text{if } P > 1,051.64 \end{cases}$$