Modernized Royalty Framework: Formulas Propane (extracted and in stream component) For wells spud on or after January 1, 2017

R% = Price Component (r_p) + Quantity Adjustment (r_q)

R% has a minimum of 5% and maximum of 36%

Royalty Parameters			
	Price (C\$/m ³)	% Change (%/\$/m ³)	
P1	88.10	0.20250%	
P2	143.16	0.11130%	
P3	253.28	0.05900%	

Price Component (r _p)		
Price (\$/m ³)	r _p	
PP<=88.10	10%	
88.10 <pp<=143.16< td=""><td>((PP-88.10)*0.00202+0.10000)*100</td></pp<=143.16<>	((PP-88.10)*0.00202+0.10000)*100	
143.16 <pp<=253.28< td=""><td>((PP-143.16)*0.00111+0.21122)*100</td></pp<=253.28<>	((PP-143.16)*0.00111+0.21122)*100	
PP>253.28	((PP-253.28)*0.00059+0.33347)*100	
Maximum	36%	

Maturity Threshold			
	Q	% Change	
Q oil equivalent volumes	194.0 (m ³ e/month)	0.1350% (%/m ³ e/month)	
Quantity Adju	istment (oil equivalent v	volume)	
Quantity (m ³ e/month)	r _q		
Q >=194.0	0%		
Q <194.0	[(Q-194.0)*0.001350]*100		
Note: Quantity is calculated at a well level	I, where $m^3 e/month = m^3 eq$	uivalent per month.	
Note: r _q is 0 or negative			

A well will pay 5% royalty rate until revenue equals $C^{*}($ \$). R% applies once a well's revenues exceed C^{*} (post- C^{*} phase). The minimum royalty rate in the post- C^{*} phase is 5%.