

Enbridge Gas Inc 2020 Gas Composition and High Heating Value Data

		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Ontario: Typical Gas HHV													
Natural gas HHV	(GJ/standard* m3)	0.0395	0.0395	0.0394	0.0391	0.0390	0.0384	0.0385	0.0385	0.0387	0.0388	0.0393	0.0394
Ontario: Typical Gas Composition													
methane	mole %	92.49	92.60	92.99	94.15	94.21	96.31	96.83	96.74	95.75	95.47	93.67	93.25
ethane	mole %	6.35	6.19	5.95	4.95	4.77	2.84	2.68	2.75	3.61	3.88	5.42	5.68
propane	mole %	0.30	0.30	0.28	0.21	0.19	0.11	0.09	0.10	0.13	0.16	0.24	0.28
butane	mole %	0.06	0.06	0.05	0.03	0.04	0.02	0.02	0.01	0.02	0.02	0.04	0.05
pentanes	mole %	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01
hexanes+	mole %	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nitrogen	mole %	0.48	0.51	0.46	0.42	0.45	0.40	0.26	0.27	0.31	0.31	0.37	0.41
carbon dioxide	mole %	0.29	0.30	0.24	0.20	0.32	0.30	0.09	0.10	0.16	0.13	0.23	0.30
oxygen	mole %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hydrogen	mole %	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01
Total	mole %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

*Standard conditions: 15° Celsius, 101.325 kPa

The gas analyses used to determine the typical HHV and gas composition for the Union Gas and Enbridge rate zones follow the Measurement Canada requirements for Electricity and Gas and use the following analytical methods: ASTM D1945 (fuel carbon content), ASTM D3588 and GPA Standard 2261 (fuel heat content).

While every effort has been made to ensure the accuracy of this information, Enbridge Gas does not warrant accuracy of the information for any purpose. Enbridge Gas provides no guarantee regarding gas composition or high heating value (HHV) for any specific delivery point. It is the responsibility of the information user to ensure that the data meets the applicable regulatory requirements.