

Enbridge Gas Inc 2021 Gas Composition and High Heating Value Data

		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
Ontario: Typical Gas HHV													
Natural gas HHV	(GJ/standard* m3)	0.0393	0.0393	0.0392	0.0389	0.0387	0.0386	0.0384	0.0385	0.0385	0.0384	0.0390	0.0393
Ontario: Typical Gas Composition													
methane	mole %	93.26	93.10	93.51	95.07	95.67	96.05	96.77	96.20	96.10	97.18	93.92	93.21
ethane	mole %	5.65	5.69	5.38	4.11	3.64	3.23	2.65	3.13	3.18	2.36	4.90	5.78
propane	mole %	0.25	0.28	0.25	0.17	0.11	0.12	0.09	0.10	0.11	0.08	0.22	0.22
butane	mole %	0.06	0.06	0.06	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.04	0.04
pentanes	mole %	0.01	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
hexanes+	mole %	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nitrogen	mole %	0.45	0.51	0.47	0.37	0.32	0.34	0.30	0.33	0.34	0.25	0.50	0.41
carbon dioxide	mole %	0.30	0.33	0.29	0.21	0.21	0.23	0.15	0.20	0.24	0.09	0.27	0.31
oxygen	mole %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00
hydrogen	mole %	0.01	0.01	0.02	0.02	0.02	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 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).

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