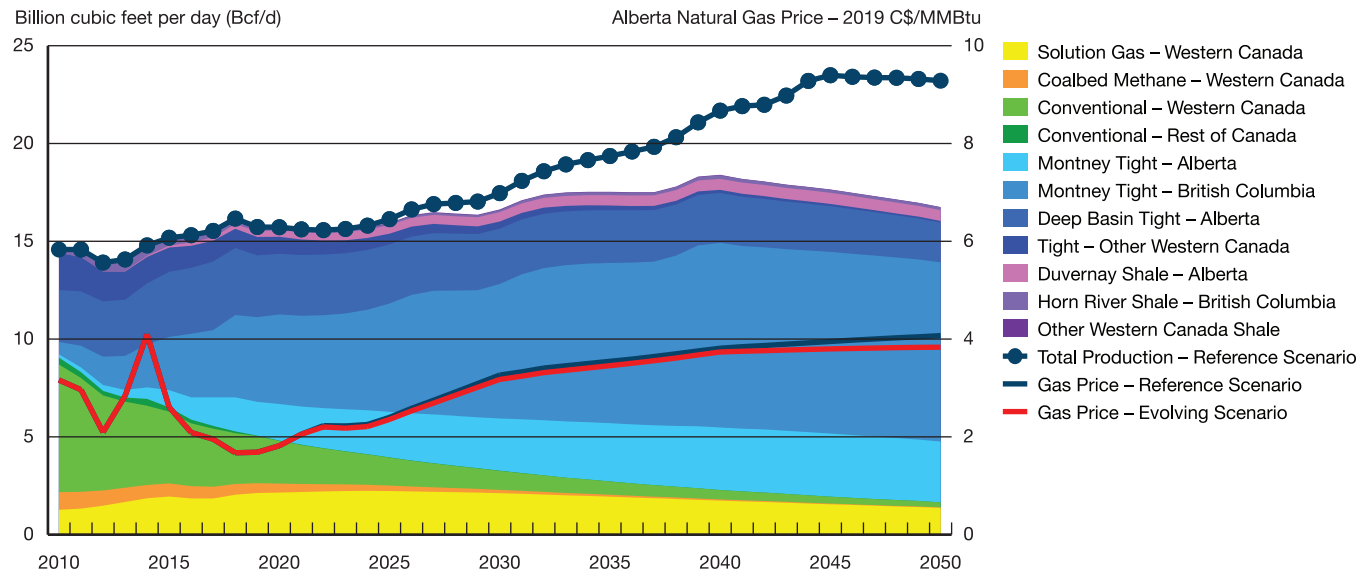


Natural Gas Production

CANADA'S ENERGY FUTURE 2020

Marketable Natural Gas Production – Evolving Scenario



In the Evolving Scenario, natural gas production from new wells is just enough to keep pace with the declining production from existing wells in the near term. As a result, total production is level until 2025. In the longer term, rising prices and the onset of liquefied natural gas (LNG) exports support higher capital

expenditure and production growth. Tight gas continues to have an increasing share of production, while conventional production continues declining. The Evolving Scenario assumes lower gas prices, higher carbon costs, and lower LNG exports than the Reference Scenario.

Evolving Scenario	2010	2020	2030	2040	2050
Canadian Gas Production, marketable Bcf per day	14.6	15.7	16.6	18.4	16.8
Conventional	6.9	2.2	1.0	0.5	0.3
Montney Tight	0.8	6.4	9.6	12.6	12.3
Alberta Deep Basin Tight	2.7	3.1	2.8	2.5	2.0
Solution Gas	1.3	2.1	2.1	1.7	1.4
Other	3.0	1.8	1.1	1.0	0.8
AB Reference Gas Price, 2019 C\$ per mmBtu	\$3.16	\$1.82	\$3.18	\$3.74	\$3.83
Henry Hub Price, 2019 US\$ per mmBtu	\$5.45	\$2.05	\$3.35	\$3.75	\$3.75
Gas Wells, average per year	9146	870	1353	1102	823
Gas Drill Days, average per year	65865	24719	38780	31265	23503
Average Drill Days per Well	7.2	28.4	28.7	28.4	28.5
Average Initial Production Rate per Well, mmcf per day	0.98	2.74	2.86	3.02	3.02
LNG Exports, Bcf/d	0.00	0.00	2.30	4.88	4.88

 **73%**
Montney's share in 2050

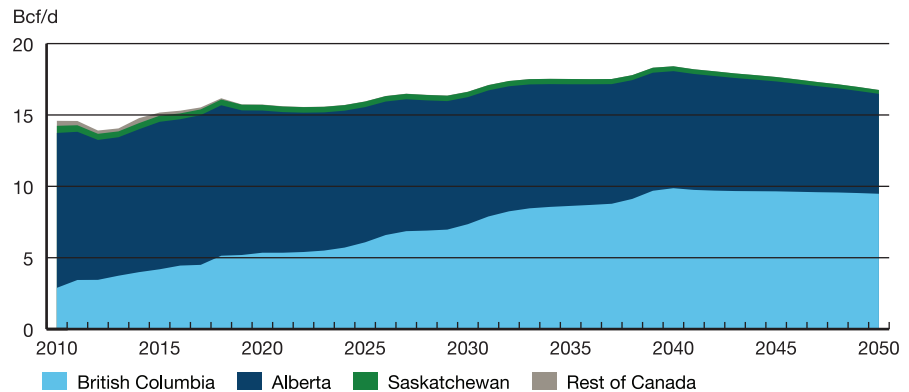
 **4.9 Bcf/d**
LNG Exports by 2039

Reference Scenario in 2050:
23 Bcf/d production
7.1 Bcf/d LNG exports

Natural Gas Production CANADA'S ENERGY FUTURE 2020

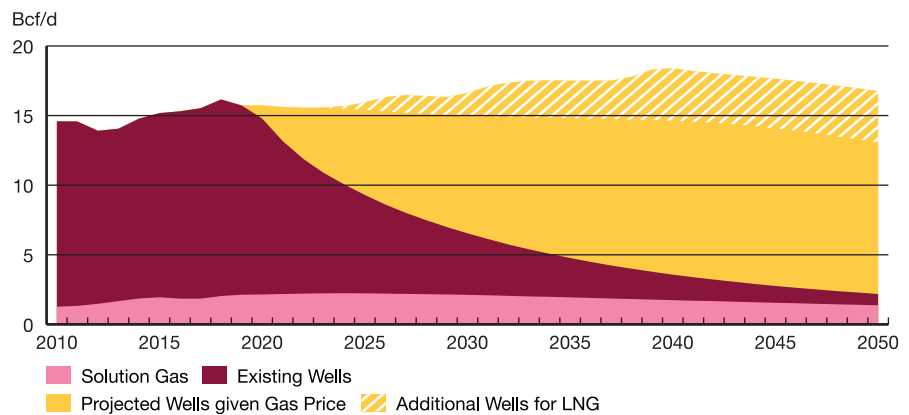
Marketable Natural Gas Production by Area — Evolving Scenario

B.C. continues to have the strongest growth and becomes the largest producer by 2035.



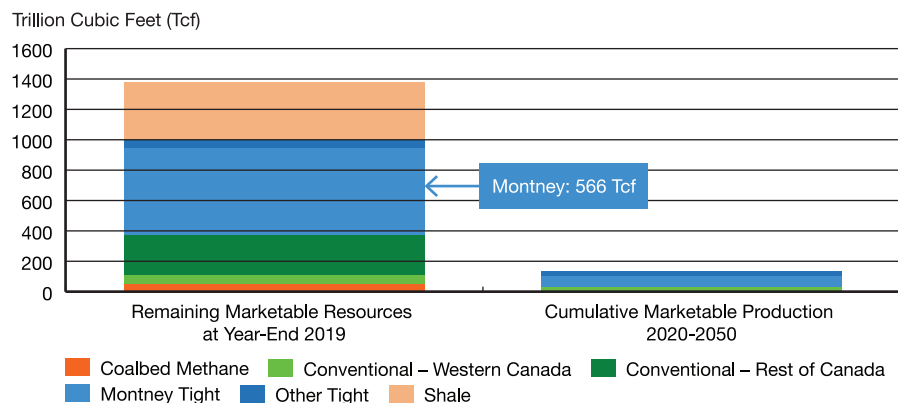
Western Canadian Marketable Natural Gas Production by Well Vintage — Evolving Scenario

In the longer term, additional production for LNG exports keeps total production above current levels.



Natural Gas Resources vs. Cumulative Production

In the Evolving Scenario only 10% of resources in Canada are produced over the projection.



Find these figures and additional data in the downloadable Excel file at <http://www.cer-rec.gc.ca/en/data-analysis/canada-energy-future/2020naturalgas/index.html>