Italy • Fossil fuels • Conventional natural gas and Unconventional gas

Conventional proved reserves by fuels. Million tonnes of oil equivalent (%): Oil 67.93 (56.1) Natural Gas 41.22 (34.1) Coal 11.90 (9.8) Total: 121.05 (100)

Source: Based on the U.S. Energy Information Administration data (Sep 2023).



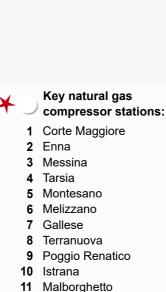
Key natural gas extraction fields:

- Corsini Mare Est (offshore)
- 2 Barbara (offshore)
- 3 Luna (offshore)
- 4 Cortemaggiore
- 5 Angela-Angelina (offshore)



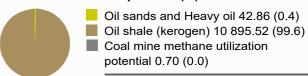
LNG import terminals:

- 1 Adriatic LNG (Porto Levante)
- 2 FSRU Toscana (OLT Offshore)
- 3 Panigaglia LNG



Florence **2** Rome Bari Naples

Unconventional reserves by fuels. Million tonnes of oil equivalent (%):



Total: 10 939.08 (100)

Sources: Used by permission of the WEC 2010 (Sep 2023); U.S. Geological Survey SIR 2005-5294 (Sep 2023); U.S. EPA 2017 (Sep 2023) et al.



Major natural gas hydrate occurrences:

- 1 The North Sicily Continental Margin
- 2 The Tertiary Piedmont Basin (NW Italy)
- 3 Miocene (Northern Apennines)

Natural gas storages:

- 1 Collalto
- 2 Cellino
- 3 Cotignola & San Potito
- 4 Bruaherio
- 5 Settala
- 6 Sergnano

- 7 Ripalta
- 8 Bordolano
 - Cortemaggiore
- 10 Sabbioncello
- 11 Minerbio
- 12 Fiume Treste

As of 2021 Italy had 497.9 million barrels of proved oil reserves, extracted about 154.1 thousand barrels of crude oil per day, 1.62 Tcf of proved natural gas, extracted about 137.3 Bcf of natural gas and 17.0 million tonnes of coal, extraction has ceased since 2016. Italy's conventional natural gas - include 12 underground natural gas storages; some gas processing

Sources: U.S. Energy Information Administration (Dec 2021); Central Intelligence Agency; A Barrel Full: Wikipedia.

plants and more than 10 gas compressor stations; 20 223 km of natural gas pipeline.







Natural gas pipeline Pipeline start/end connection points Border crossing

12 Masera



GtL-FT facilities, bpd:

 Sannazzaro Pilot. Eni/IFP/Axens. 20