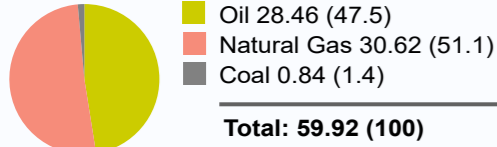


Iran • Fossil fuels

Conventional proved reserves by fuels, Billion tonnes of oil equivalent (%):



Source: Based on the U.S. Energy Information Administration data (Dec 2022).

Key oil storages:

- 1 Kharg Island
- 2 Lavan Island
- 3 Sirri Island
- 4 Bahregan
- 5 Neka

Major uranium mines:

- 1 Saghand / Ardakan
- 2 Gachin / Gchine

Key oil extraction fields:

- 1 Ahvaz
- 2 Gachsaran
- 3 Marun
- 4 Aghajari
- 5 Karanj
- 6 Naft Shahr
- 7 Salman (offshore)
- 8 Abuzar (offshore)

Key natural gas extraction fields:

- 1 South Pars (offshore)
- 2 Kish (offshore)
- 3 North Pars (offshore)
- 4 Golshan (offshore)
- 5 Forouz (offshore)
- 6 Tabnak
- 7 Kangan
- 8 Khangiran

Key coal mines over 150 000 t/y:

- 1 Eshkli, Kerman Coal Co.
- 2 Hamkar, Kerman Coal Co.
- 3 Hashouni, Kerman Coal Co.
- 4 Pabdana, Kerman Coal Co.
- 5 Zirab, Central Alborz Coal Co.

GtL facilities, bpd:

- 1 Qeshm Island, RIPI Pilot, 3000

LNG export terminals:

- 1 Iran LNG*
* under construction

Key natural gas processing plants:

- | | |
|----------------------|---------------|
| 1 Kangan-Nar | 5 Marun-4 |
| 2 Asaluyeh | 6 Aghar-Dalan |
| 3 Ahvaz | 7 Khangiran |
| 4 Sarkhun (Sarkhoon) | 8 Bid Boland |

As of 2021 Iran had 208.6 billion barrels of proved oil reserves, extracted about 3014.5 thousand barrels of crude oil per day, 1200.2 Tcf of proved natural gas, extracted about 8389.4 Bcf of natural gas and 1202.7 million tonnes of hard coal, extracted about 1.9 mln short tons. The Iran's conventional oil infrastructure include 9 major operating oil refineries with a total crude oil processing capacity of 1.90 million b/d; some oil terminals and oil storages. There are 8625 km of crude oil, 7937 km of refined products and 570 km of liquid petroleum gas pipelines. Conventional natural gas – include one under construction LNG export terminal with a capacity of 10.8 mmtpa; some gas processing plants and gas compressor stations; 20 794 km of natural gas, 973 km of condensate/gas and 7 km of condensate pipelines.

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

Key oil terminals:

- 1 Abadan (Bandar Imam Khomeini)
- 2 Bandar Abbas
- 3 Kharg Island
- 4 Lavan Island
- 5 Sirri Island
- 6 Neka

Oil refinery, bbl/d:

- 1 Abadan, NIORDC, 399 000
- 2 Esfahan (Isfahan), NIORDC, 375 000
- 3 Bandar Abbas, NIORDC, 284 000
- 4 Tehran, NIORDC, 245 000
- 5 Imam Khomeini Shazand (Arak), NIORDC, 242 000
- 6 Tabriz, NIORDC, 110 000
- 7 Shiraz, NIORDC, 56 000
- 8 Kermanshah, NIORDC, 48 000
- 9 Lavan, NIORDC, 22 000

New richest deposits (subject to confirmation), mln.t of lithium:

- 1 Qahavand, Iran, 8.5???

Largest shale oil (tight light) fields (Ghali Koh, Lorestan)

Dimethyl Ether (DME) plants, t/y:

- 1 Assaluyeh, Zagros Petrochemical, 800 000

