

How is energy used in Tunisia?

Total energy supply (TES) includes all the energy produced in or imported to a country, minus that which is exported or stored. It represents all the energy required to supply end users in the country.

Does Tunisia rely on gas?

Tunisia mostly relies on gas imports to meet its primary energy needs: almost 97% of its electricity generation came from gas in 2016. However, energy policy puts the emphasis on renewable energy. Electricity generation from wind power strongly increased

What drives Tunisia's energy transition?

Three key drivers will dictate Tunisia's energy transition: energy security, given Tunisia's growing energy balance deficit; economics, given the relative decrease in the price of renewables; and environment, given the Country's commitment to reduce domestic greenhouse gas emissions.

What percentage of Tunisia's electricity is renewable?

In 2022, only 3% of Tunisia's electricity is generated from renewables, including hydroelectric, solar, and wind energy. While STEG continues to resist private investment in the sector, Parliament's 2015 energy law encourages IPPs in renewable energy technologies.

Does Tunisia have a solar power plant?

First utility-scale photovoltaic plant (10 MW, in Tozeur) was commissioned in 2019 on German money. Tunisia aims to generate 30% of its electricity from renewable sources by 2030. The country currently gets only 3% to 6% of its electricity from renewable sources, mostly from wind and hydro. Solar energy capacity is at 35 megawatts (MW).

Does Tunisia have a green wave of energy production?

This creates the overlap for biogas to take on some level of energy production in Tunisia's continued green wave of energy production. In 2016, Tunisia emitted 29 Mega tons of carbon dioxide equivalent (MtCO₂e) in greenhouse gasses. The country aims to reduce its carbon intensity by 13% in 2030, compared to 2010 levels.

The World Bank's presence in Tunisia is large, with two active energy projects in the country: The Tunisia Energy Sector Improvement Project (USD \$151 million), which aims to strengthen the electrical grid, and the Tunisia-Italy Power Interconnector (USD \$268.4 million), which aims to increase resilience by connecting the power systems of both ...

The Government of Tunisia (GoT) has embarked on an ambitious path to increase its renewable energy production. The GoT plans to reach 35% of renewable energy in the electricity system capacity by 2030, ...

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Tunisia: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across ...

Ministère de l'Industrie, des Mines et de l'Energie Direction Générale des stratégies et de Veille Observatoire National de l'Energie et des Mines En stock de gaz Géographie des systèmes énergétiques ...

OverviewElectrical sector and renewable energiesOil and gas upstream sectorDownstream sectorNuclearSee alsoThe International Energy Agency reports for 2014 an electricity production of 19 TWh, compared to 10.5 TWh in the year 2000. The Tunisian Company of Electricity and Gas (STEG), a public company, ensures the three quarters of production. The network operates at 50 Hertz and the voltage at the domestic level is 230 Volts. Virtually all Tunisian electricity (18 TWh) is produced by thermal power plants burning natural gas...

The Government of Tunisia (GoT) has embarked on an ambitious path to increase its renewable energy production. The GoT plans to reach 35% of renewable energy in the electricity system capacity by 2030, against 3% currently. Renewable energy is then expected to cover 50% of the electricity needs by 2035, and 100% of all electricity needs by 2050.

Through June 2023, Tunisia had about 565 MW of installed renewable energy capacity of which 240 MW was wind power, 263 MW solar power, and 62 MW of hydroelectric power, representing a combined 8% of national energy production capacity.

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