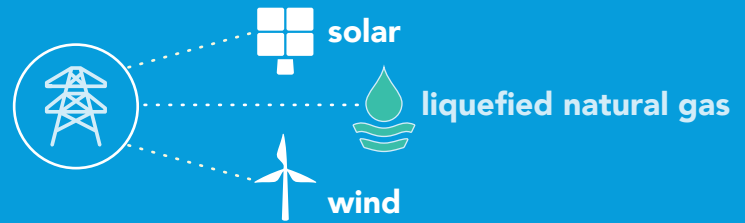


U.S. LIQUEFIED NATURAL GAS: CLEANER ENERGY FOR A CLEANER ENVIRONMENT

Using **liquefied natural gas (LNG)** to generate electricity provides abundant, affordable power, reduces greenhouse gas (GHG) emissions and increases the integration of renewable energy sources like solar and wind.

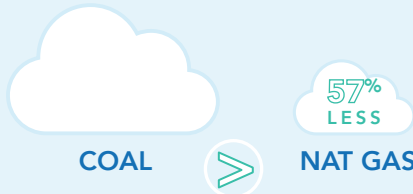


A CLEANER SOURCE OF ENERGY

As the cleanest burning hydrocarbon, **NATURAL GAS REDUCES CO₂ EMISSIONS 24/7.**



The CO₂ footprint of **NATURAL GAS IS 57% LOWER** than that of coal.¹



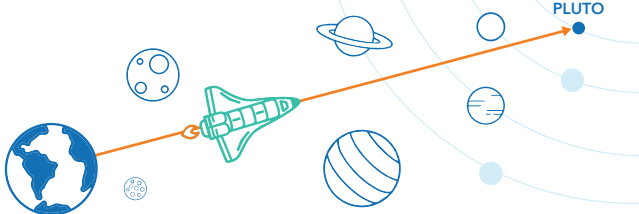
Even the most advanced coal technologies **PRODUCE 70% MORE LIFECYCLE GHG EMISSIONS** than power generated by natural gas.²



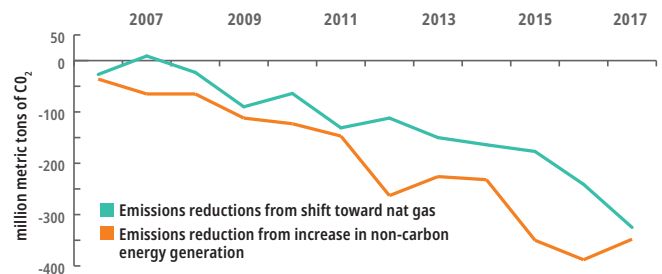
MORE NATURAL GAS, FEWER EMISSIONS

A global shift in generating electricity from natural gas instead of coal **HELPED AVERT 95 MILLION METRIC TONS OF CO₂ EMISSIONS.**³ That's equal to the emissions a car produces driving 232,273,838,631 miles!

That's roughly enough to travel to **PLUTO 50 TIMES!**



GREATER USE OF NATURAL GAS IN THE U.S. HAS REDUCED CO₂ EMISSIONS just like the increased use of renewables.⁴



MORE NATURAL GAS, MORE RENEWABLE ENERGY

AN IDEAL PARTNER FOR RENEWABLE ENERGY, natural gas power plants can quickly ramp up to provide backup electricity when solar or wind resources fluctuate. For every 1% increase in fast-reacting natural gas powered electricity, renewable power generation increases by 0.88%.⁵



1%
↑
NAT GAS

supports →



.88%
↑
RENEWABLES

=



**MORE, CLEANER ENERGY
FOR BUSINESSES & HOMES**

Continued investment in and use of natural gas will help improve air quality, combat climate challenges and support the transition to a lower-carbon energy future.

Sources:

1. https://www.eia.gov/environment/emissions/co2_vol_mass.php

2. https://lngfacts.org/resources/PACE_White_Paper.pdf and <https://lngfacts.org/about-lng/environment/>

3. <https://www.iea.org/geco/emissions/>

4. U.S. Energy Information Administration. U.S. Energy-Related Carbon Dioxide Emissions, 2017.

5. National Bureau of Economic Research