

# Faster Horses, Energy Myths and an Energy Market Update

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We're inside energy.



1

Energy Myth:

Customer is not always right....want horses vs horsepower

## Agenda

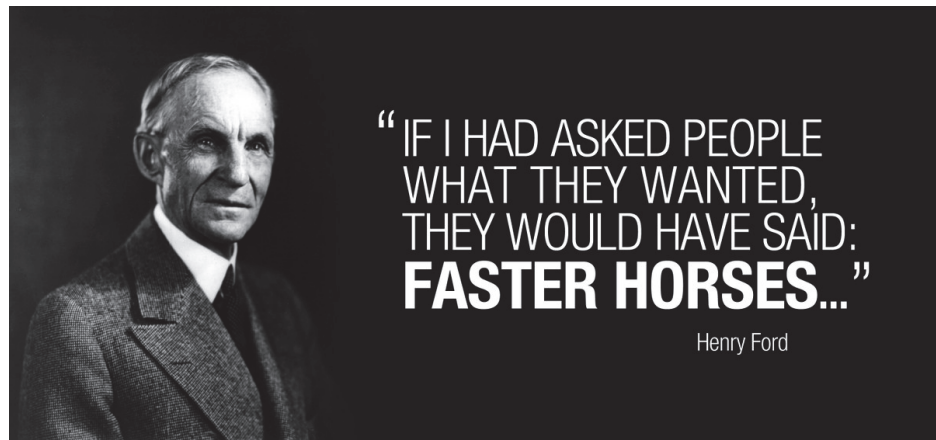
Energy Thoughts

Oil & Natural Gas Dynamics

Decarbonization Megatrend

Capital and M&A Dynamics

How Cycles End



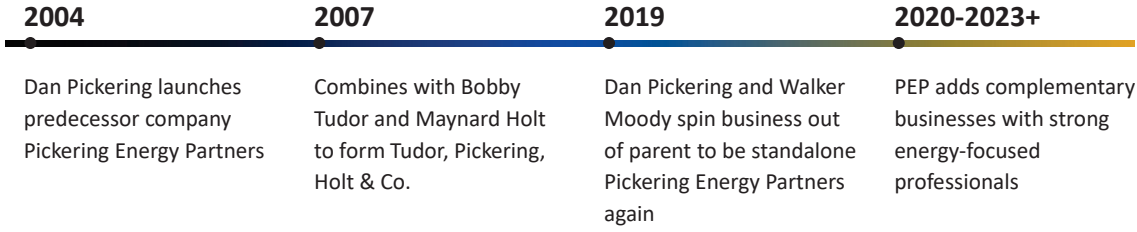
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# PEP is the “Go-To” Financial Services Firm Covering the Entire Energy Landscape.

From wellbores to EV charging infrastructure, **we’re inside energy.**



PEP is nimble, evolving and improving through each iteration.



## Trusted Energy Advisors, Investors and Partners Alongside our Clients.

**24% of PEP are technical energy experts<sup>(1)</sup>**  
in Geology, Geophysics, Engineering, and from the Industry

**65 professionals<sup>(2)</sup>**  
Experienced team

**Since 2004**  
Headquartered in the energy capital of the world

**350+ companies**  
Invested or advised across energy

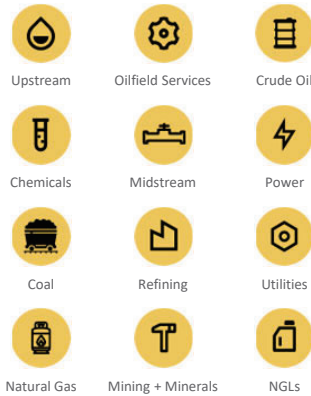
**500+ years**  
Combined energy expertise

**\$16 billion<sup>(3)</sup>**  
Deployed across private and public strategies

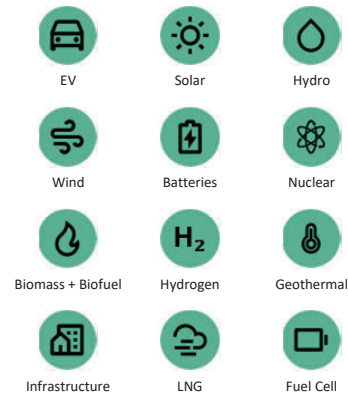
**7,000+ contacts**  
Active connections in our direct network

## Comprehensive coverage of the entire energy sector.

### Traditional Energy



### Energy Transition



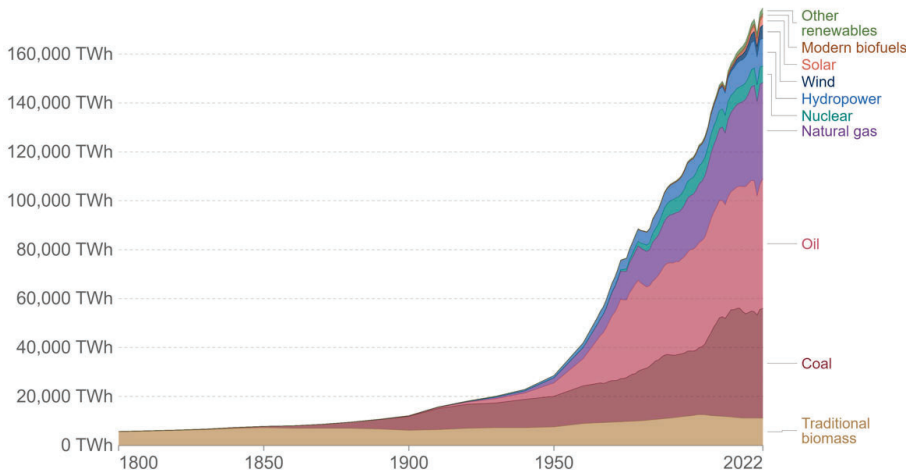
(1) Data pertains to members of PEP's core divisions – excludes corporate and administrative professionals.  
 (2) Excludes MERGE personnel.  
 (3) Contracted revenue amount includes broker-vote assumptions.  
 (4) As of 7/1/2023, includes capital deployed across predecessor firms.

Energy Myth:

We can switch energy sources quickly

# Energy Transitions (Additions?) Take Time

Global Primary Energy Consumption by Source (1800 – 2022)



- 1800 Biomass
- 1900 Coal
- 2000 Oil & Gas
- 2050 ?

5 Source: Energy Institute Statistical Review of World Energy (2023), Vaciv Smil, OurWorldInData.org

5

Energy Myth:

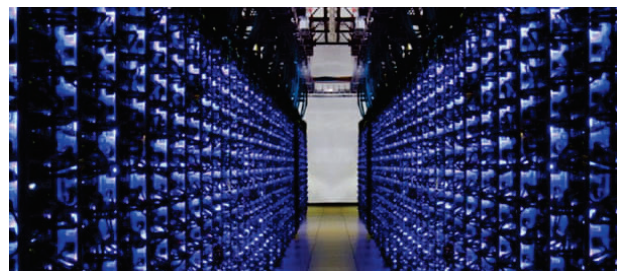
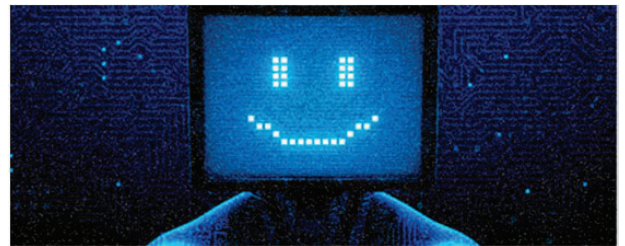
We can use LESS Energy

# The World Needs More Energy – Not Less

~30% of the world uses wood fire to heat homes.<sup>(1)</sup>



Since 2020, Bitcoin Mining, AI and what's next?



6 (1) Source: World Health Organization (2022)

6

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Also available as part of the eCourse

[2023 Biennial Parker C. Fielder Oil, Gas, and Energy Tax eConference \(audio only\)](#)

First appeared as part of the conference materials for the 16<sup>th</sup> Biennial Parker C. Fielder Oil, Gas, and Energy Tax Conference session "Current Issues in the Energy Sector"