



The Rondo Team



John O'Donnell

Chief Executive Officer

Cofounder of six innovative technology companies

Delivered positive exits in semiconductors and large-scale solar energy

Developed new applications and markets for renewable energy across industries worldwide



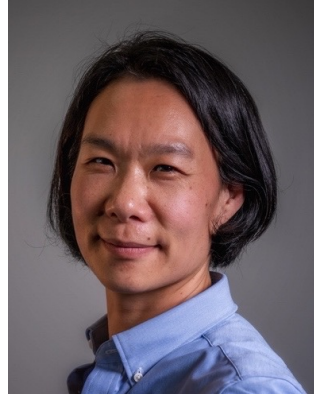
Pete von Behrens

Chief Technology Officer

Developed disruptive technologies now used at global scale in multiple industrial segments

Cofounder and technical leader of four startups in electromechanical devices and solar energy

Holds 15+ patents in energy storage, solar energy, and electromechanical actuators



Chiaki Treyner

VP Research & Development

PhD in Chemistry, with leadership in materials science, characterization, manufacturing, and supply chain partnerships

Intellectual property development, technology transfer, and licensing spanning a variety of industries



Jeremy Keller, P.E.

VP Project Development

Decade of experience developing and leading efficiency and energy projects from concept through execution

Hundreds of projects for commercial and industrial customers leading technical and economic assessments

Degrees in mechanical engineering, physics, and business administration



Robert Ratz

VP Electrical Engineering

PhD in Power Electronics, electrical and electronic innovator

New products from concept through volume manufacturing in automotive, energy storage, and high-power electronic drives

Strong track record building and leading interdisciplinary, international teams



Carlos Ceballos

VP Power Systems

PhD in Applied Physics, energy industry veteran

Led engineering, construction and commissioning of energy infrastructure projects worldwide

Exceptional project and asset manager with expertise in electrical, oil & gas, and petrochemical sectors



Matt Rainey

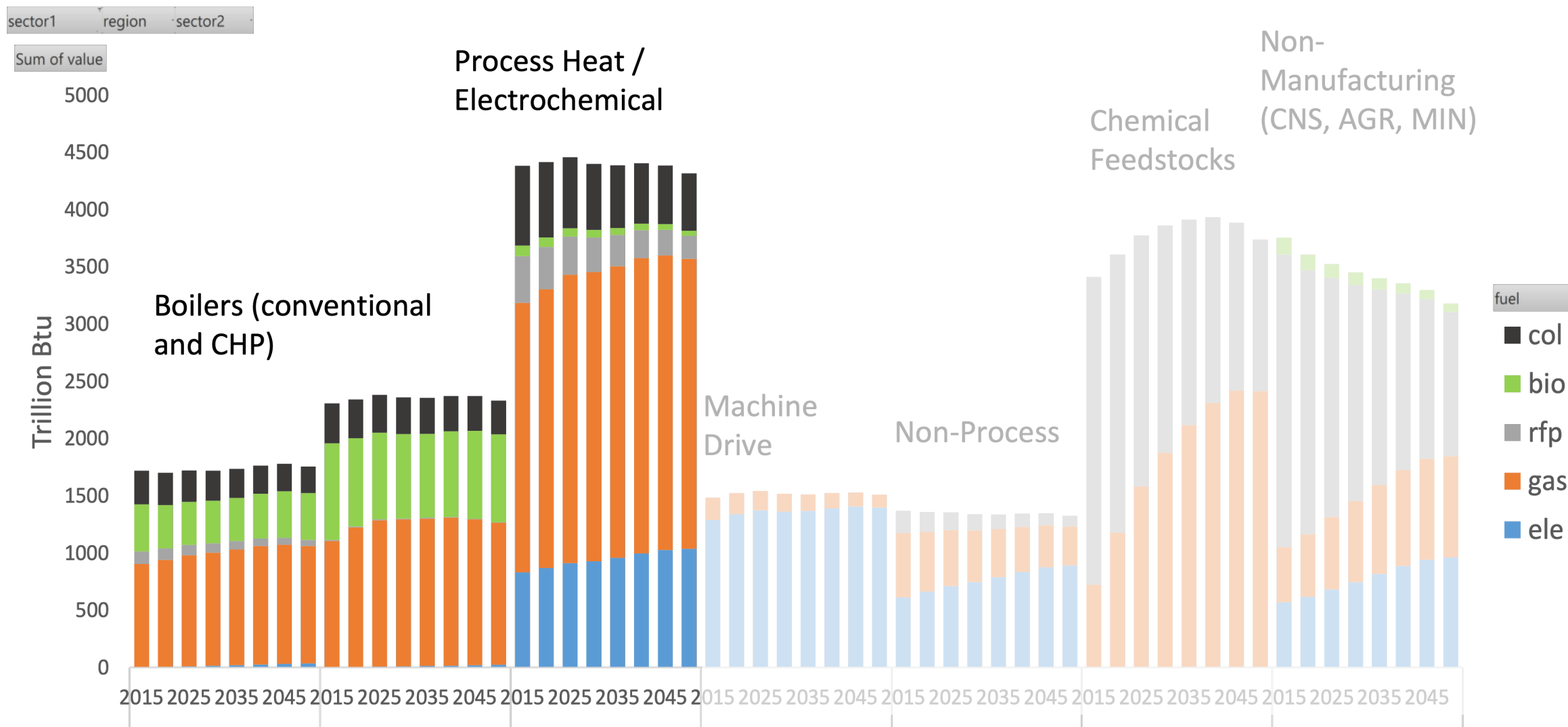
VP & General Counsel

Nearly 40 years of IP law experience in U.S. and internationally

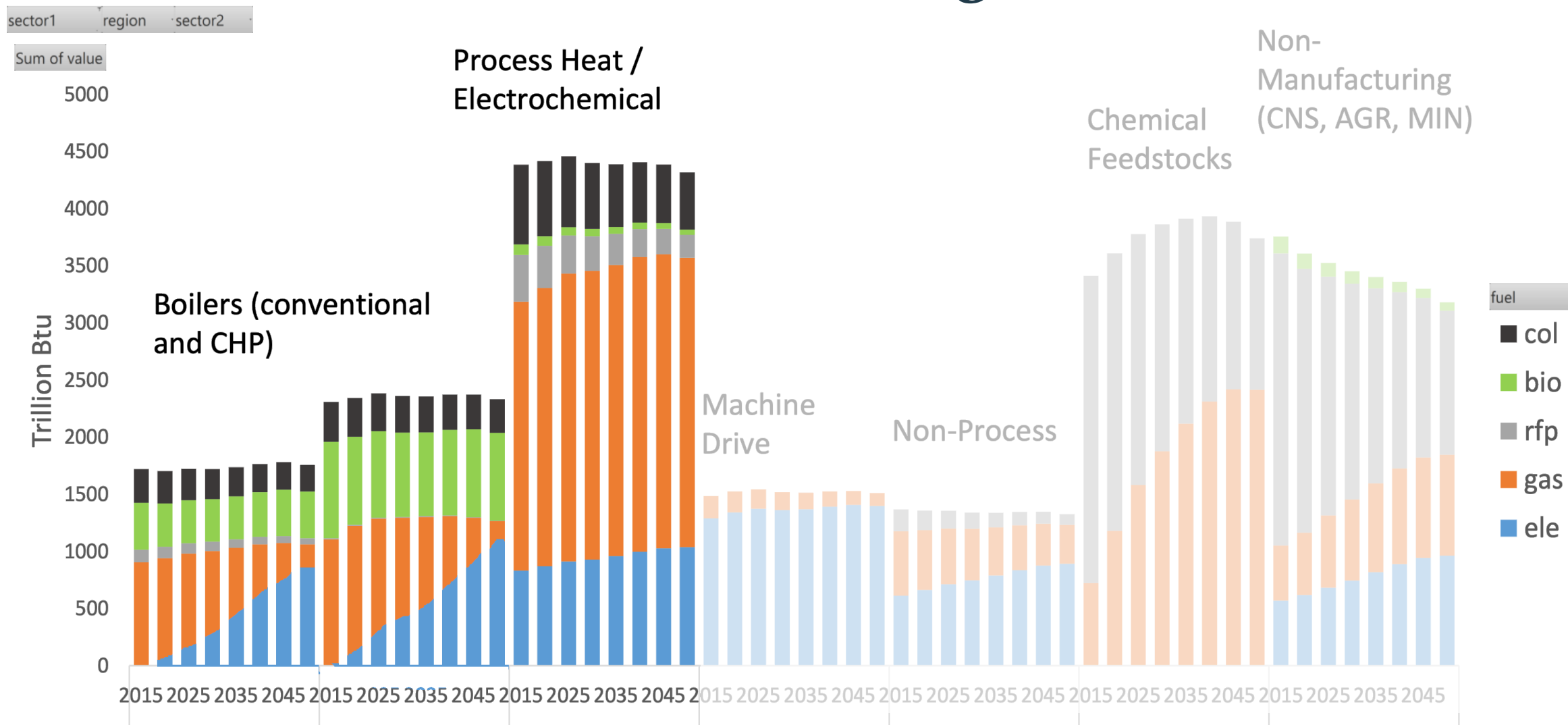
IP expertise in physics, electronics and control systems, spanning IP procurement, licensing and enforcement

Former Director of the UN's World Intellectual Property Organization

Electrification



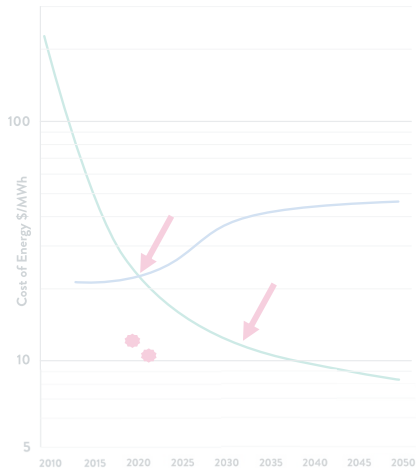
Electrification will go faster



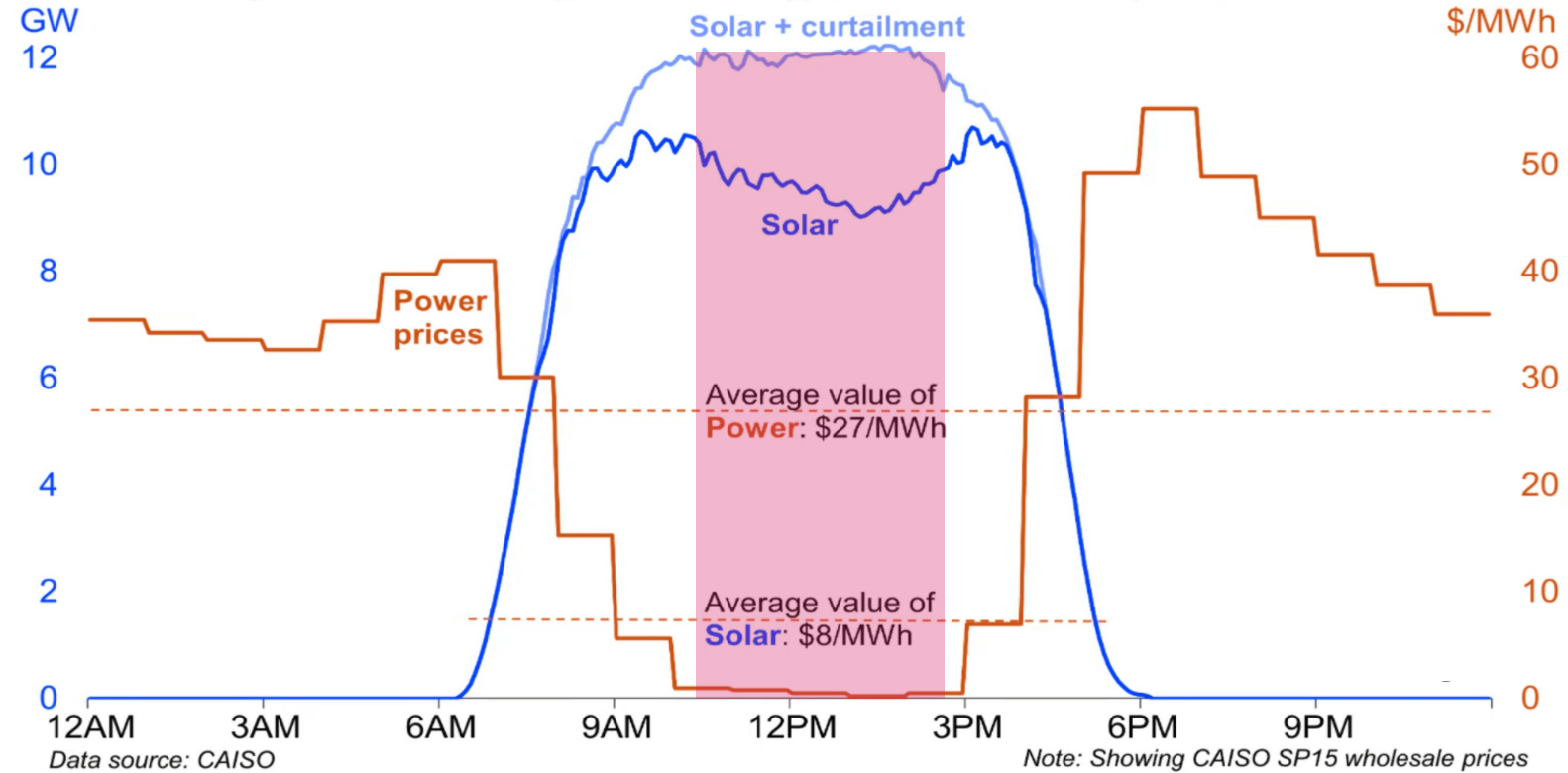
Wind and solar electricity **won.**



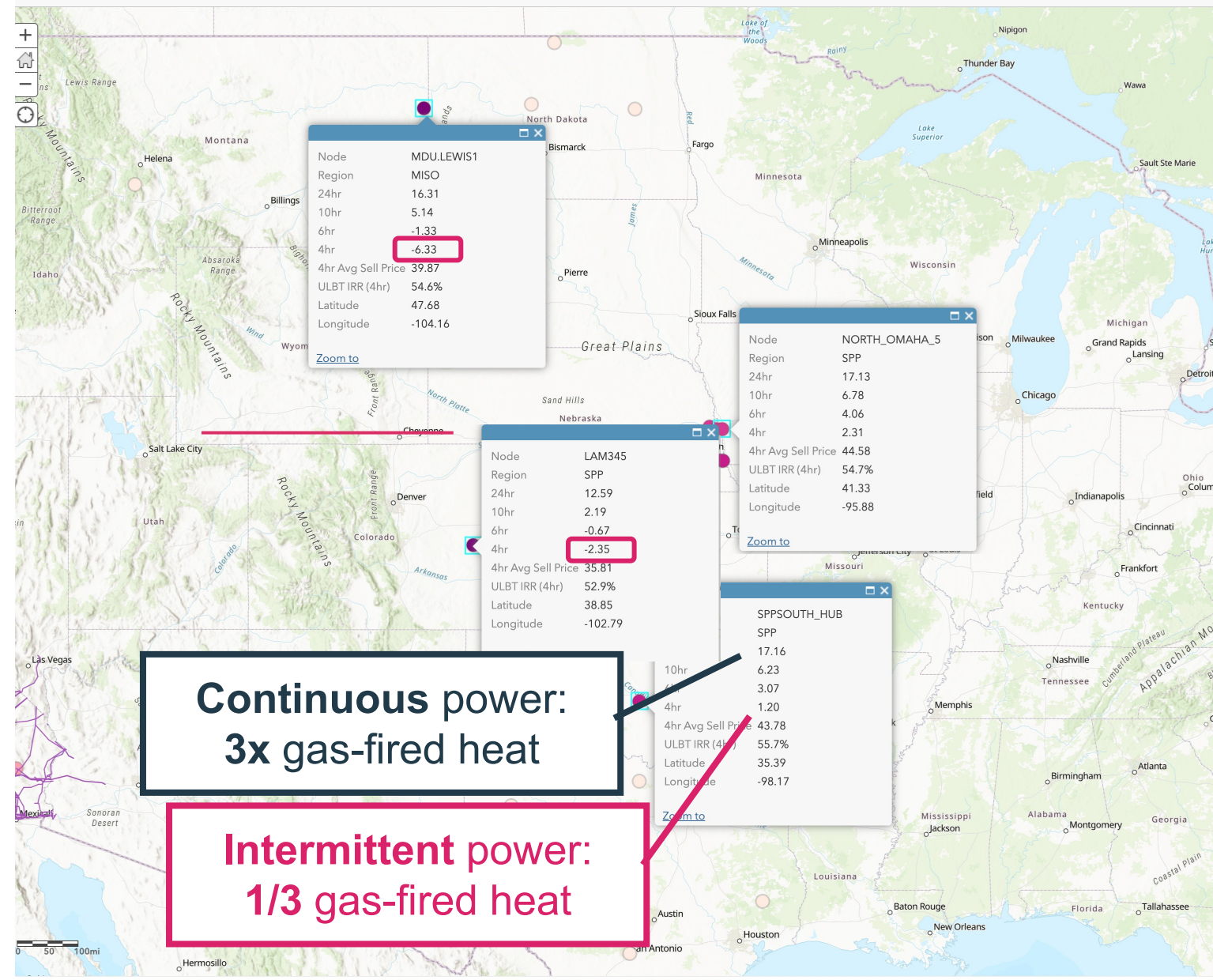
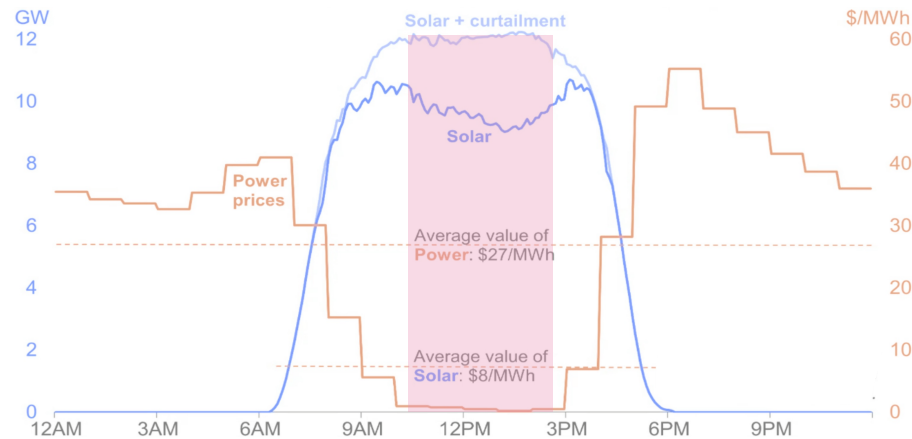
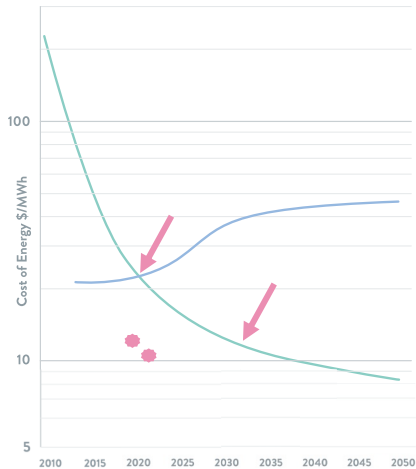
Spot power is much lower cost than gas



CAISO solar generation and day-ahead energy prices on February 28, 2021



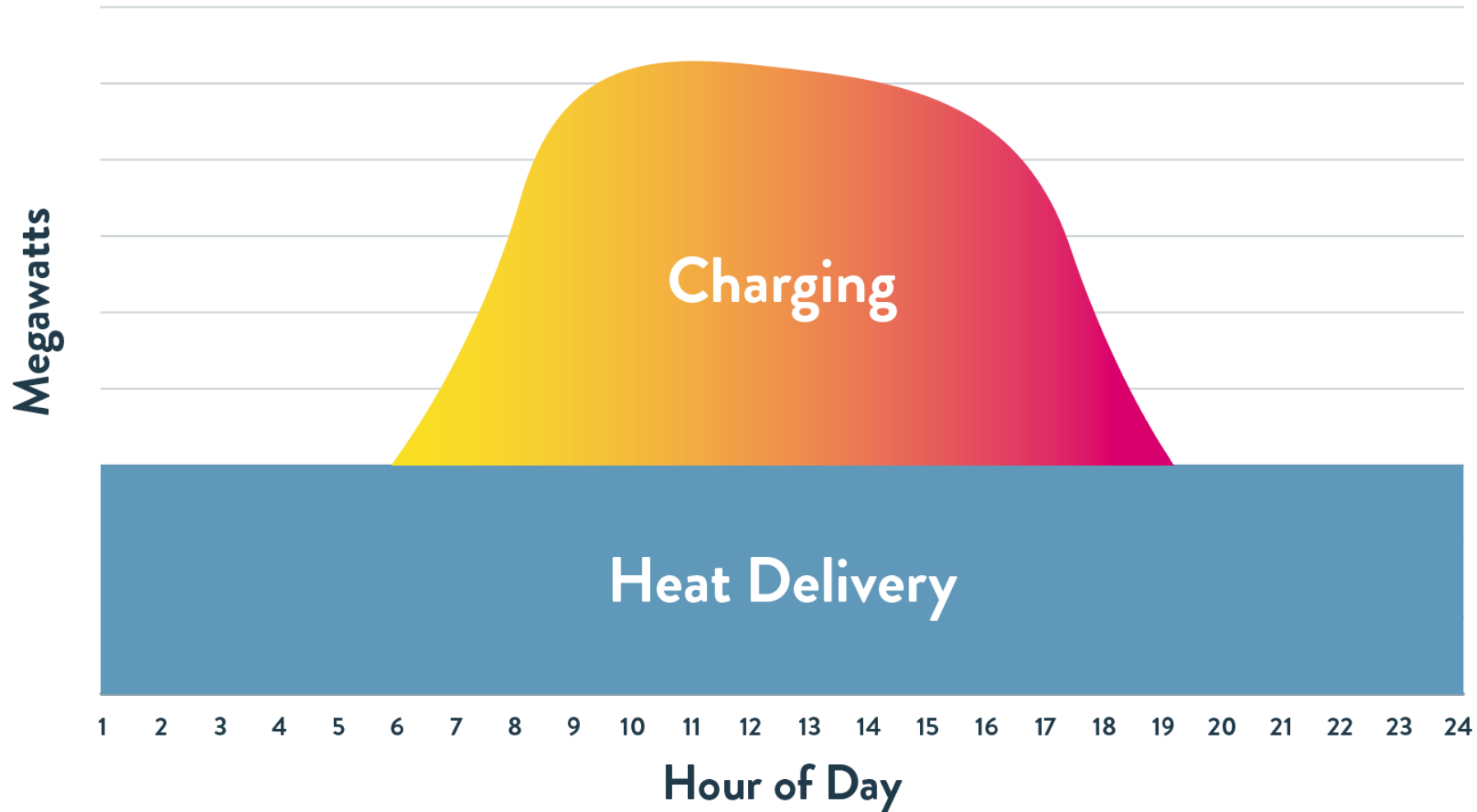
Spot power is **much** lower cost than gas



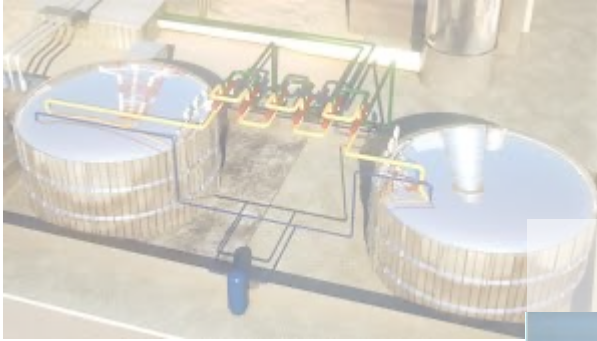
**Continuous power:
3x gas-fired heat**

**Intermittent power:
1/3 gas-fired heat**

Intermittent power can't serve continuous demand

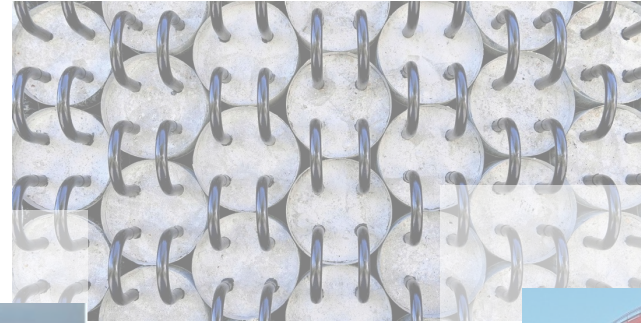


Which thermal storage technology?



Molten Salt

Graphite

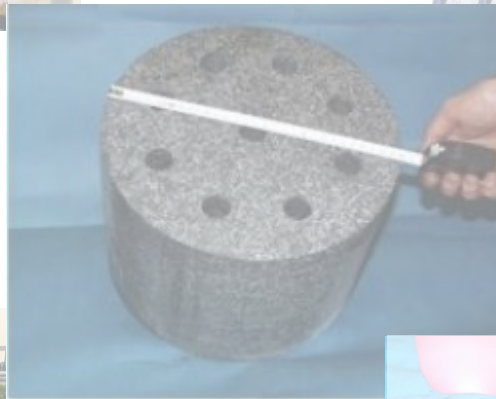


Concrete

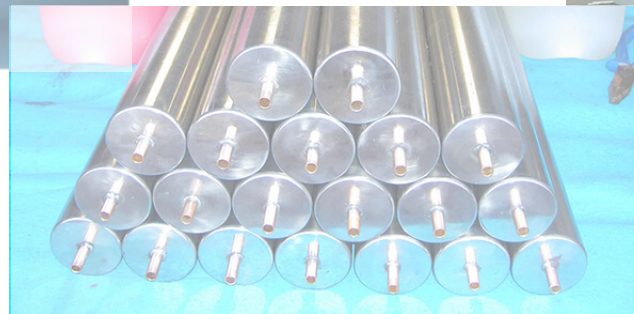
Water



Molten
silicon



Rocks in a Box

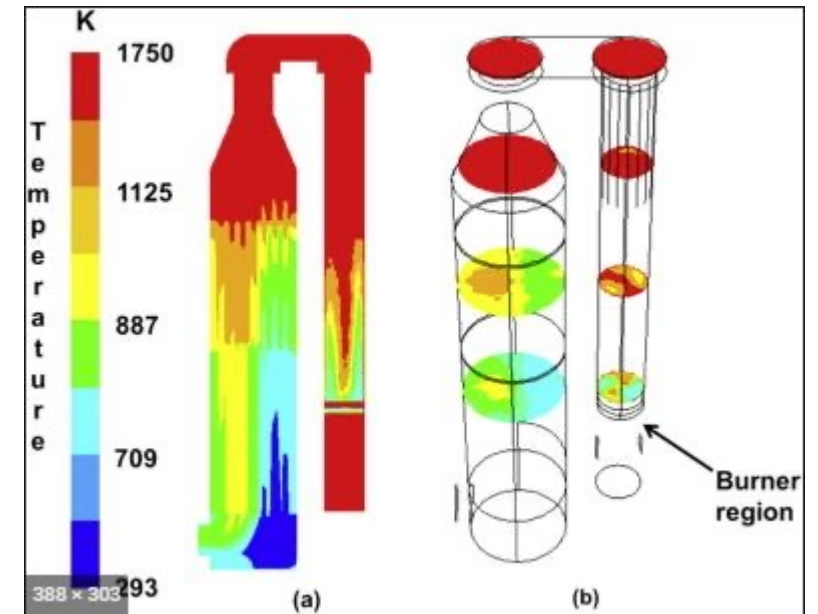


Aluminum/ Phase
Change Materials



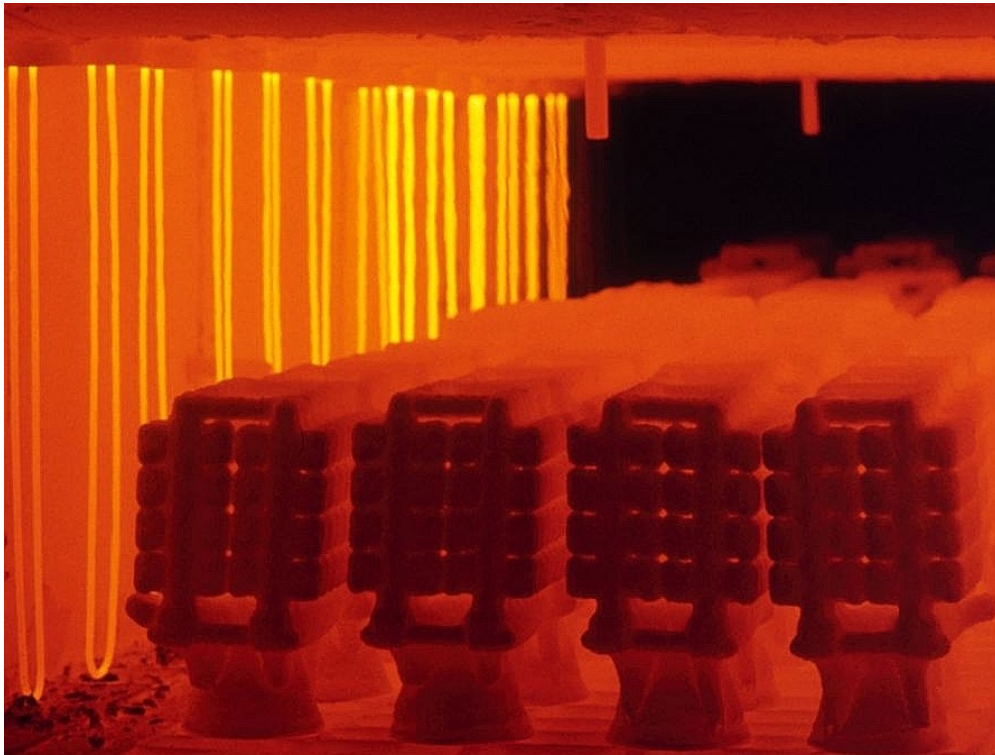
Refractory Brick...

High temperature heat has been stored for 200 years



19th & 20th century answers to today's challenge

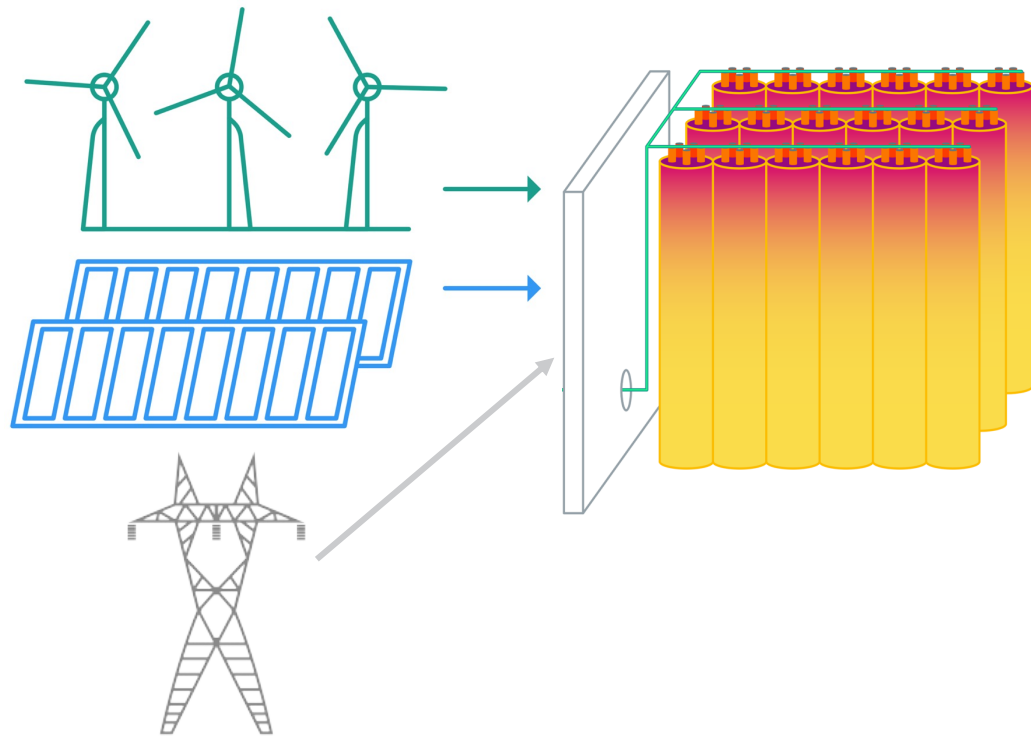
Heavy industry **electric heaters**



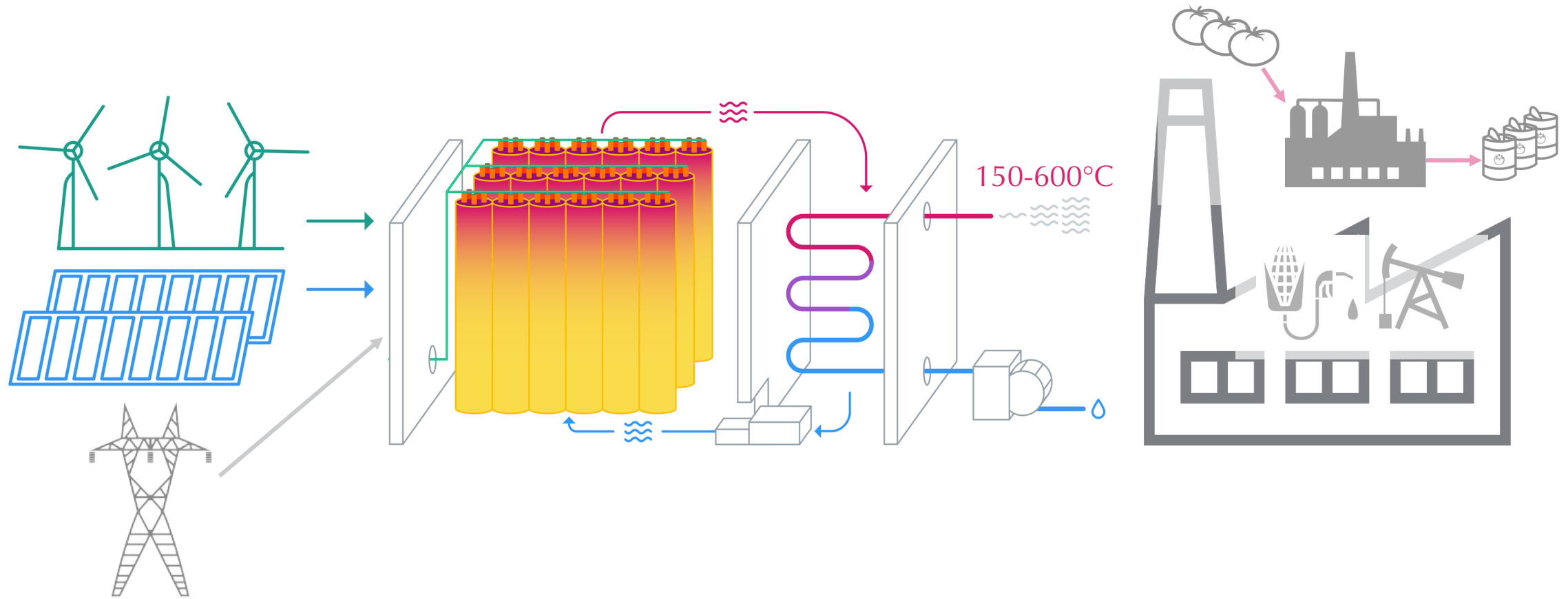
Refractory brick **heat storage**



Electricity fast-charges our Heat Battery



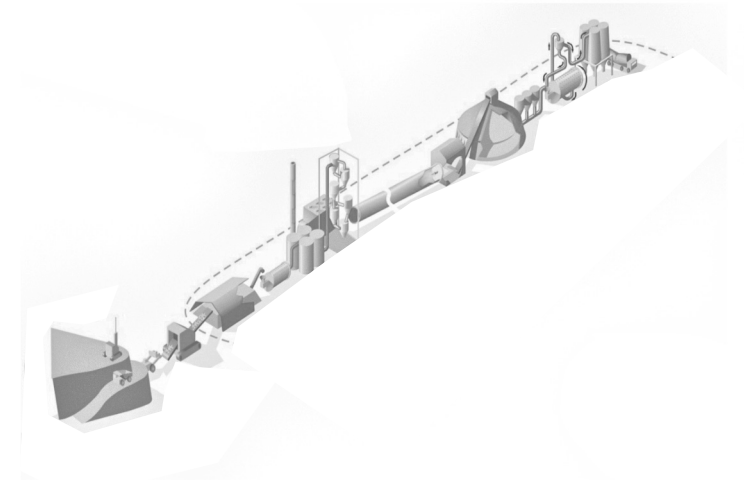
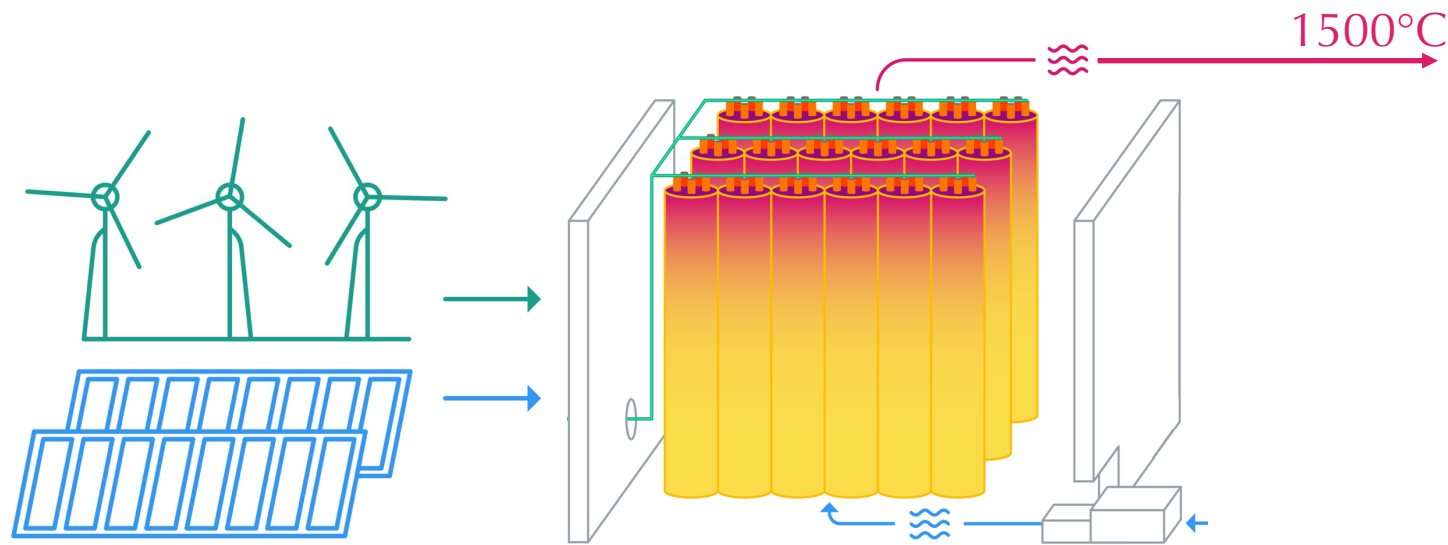
The **Heat Battery** is a zero carbon **high pressure boiler**



Rondo patents pending.

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The **Heat Battery** is a zero carbon 24x365 **furnace**



Total Energy Use vs Temperature

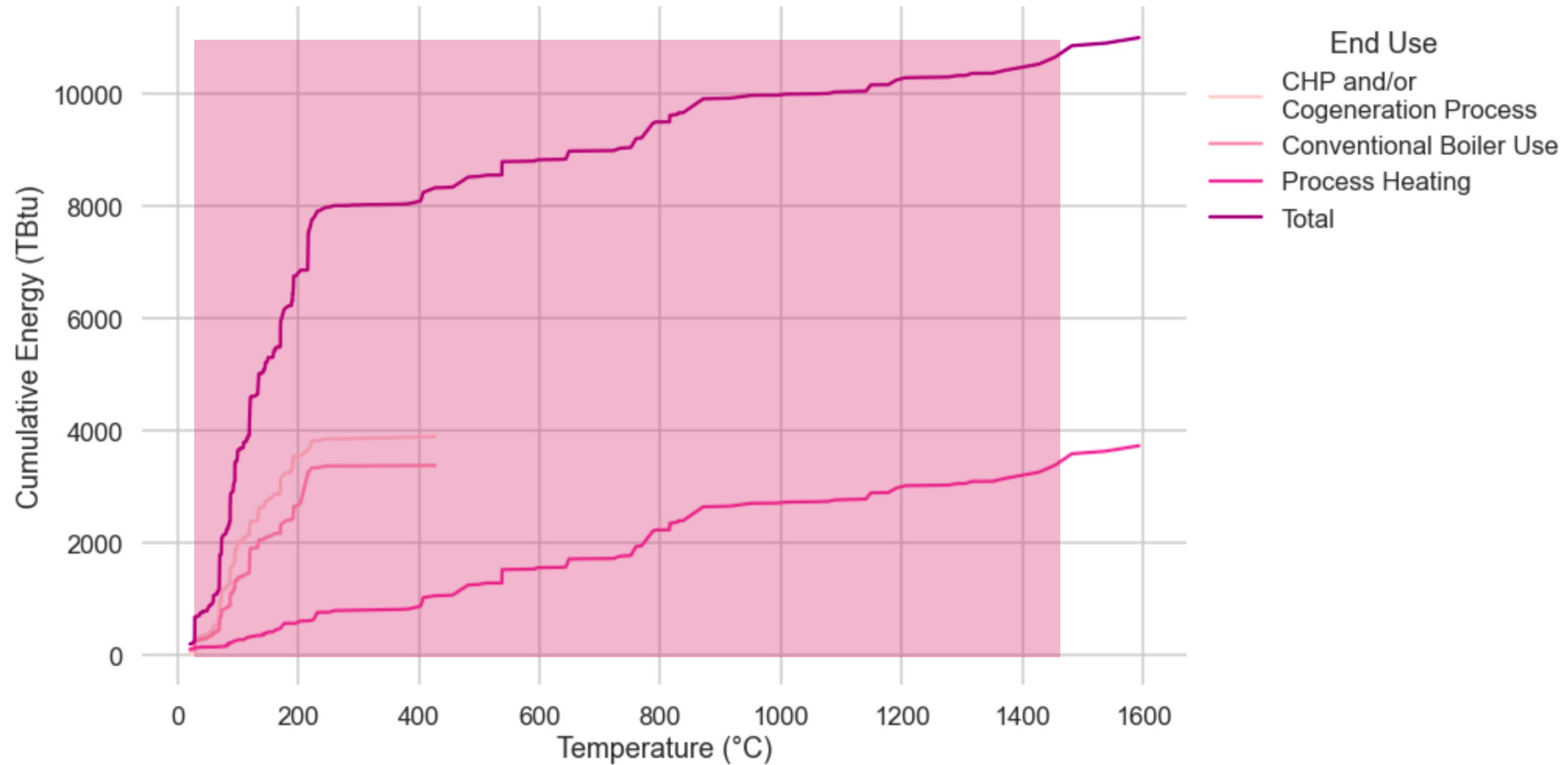
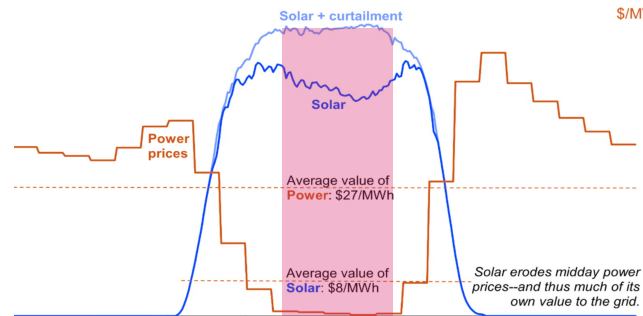
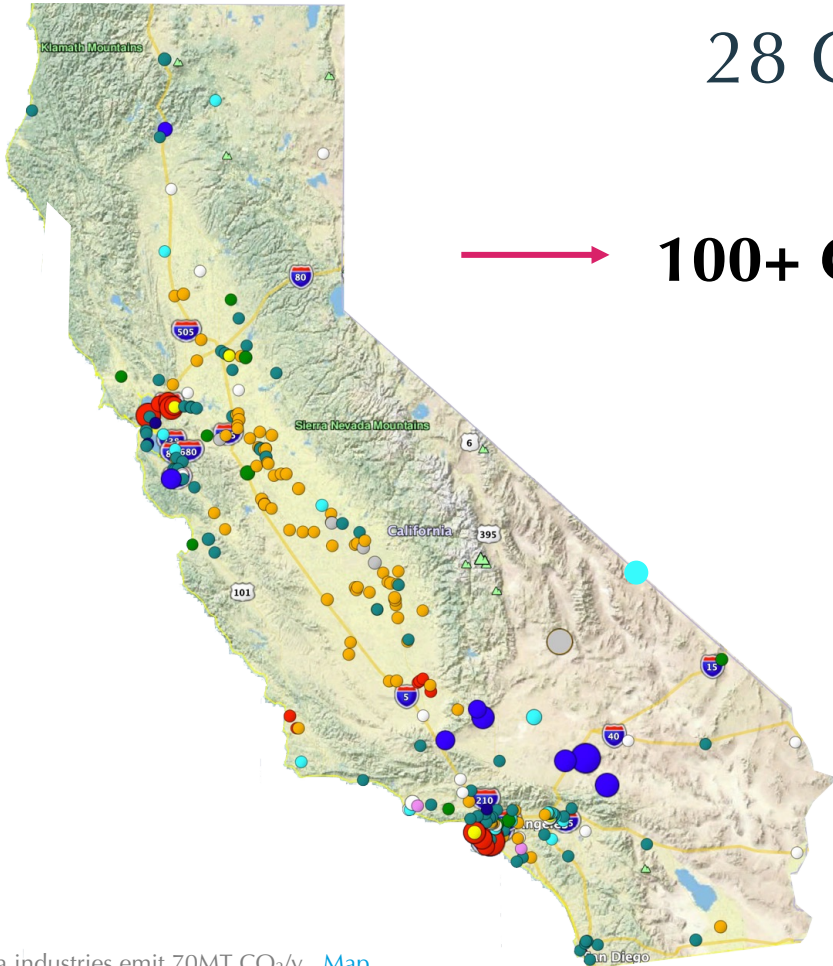


Figure 2. Cumulative industrial process heat demand by end-use category

Example: California industrial heat

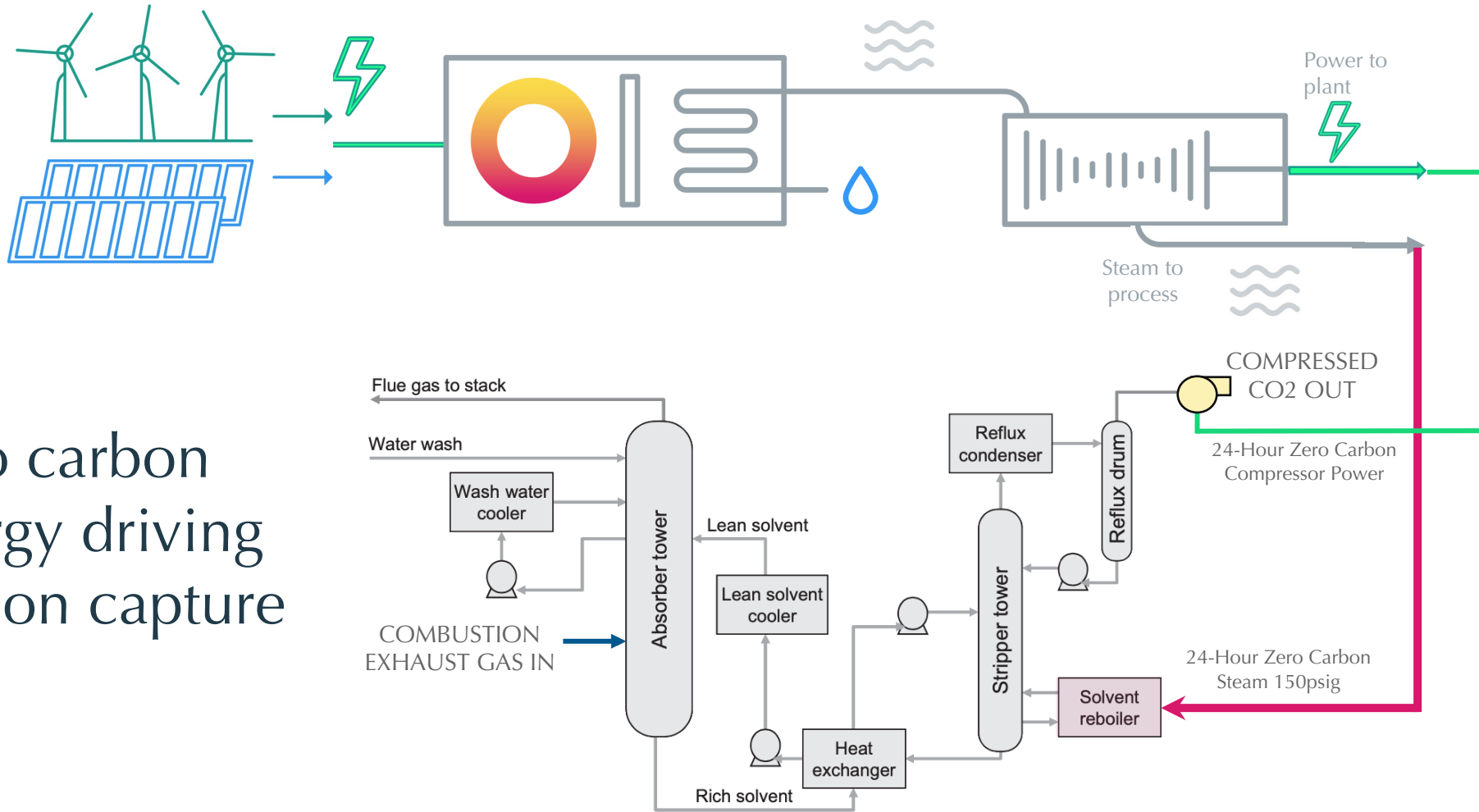
47 GW system peak
28 GW existing PV

→ **100+ GW new PV needed** →



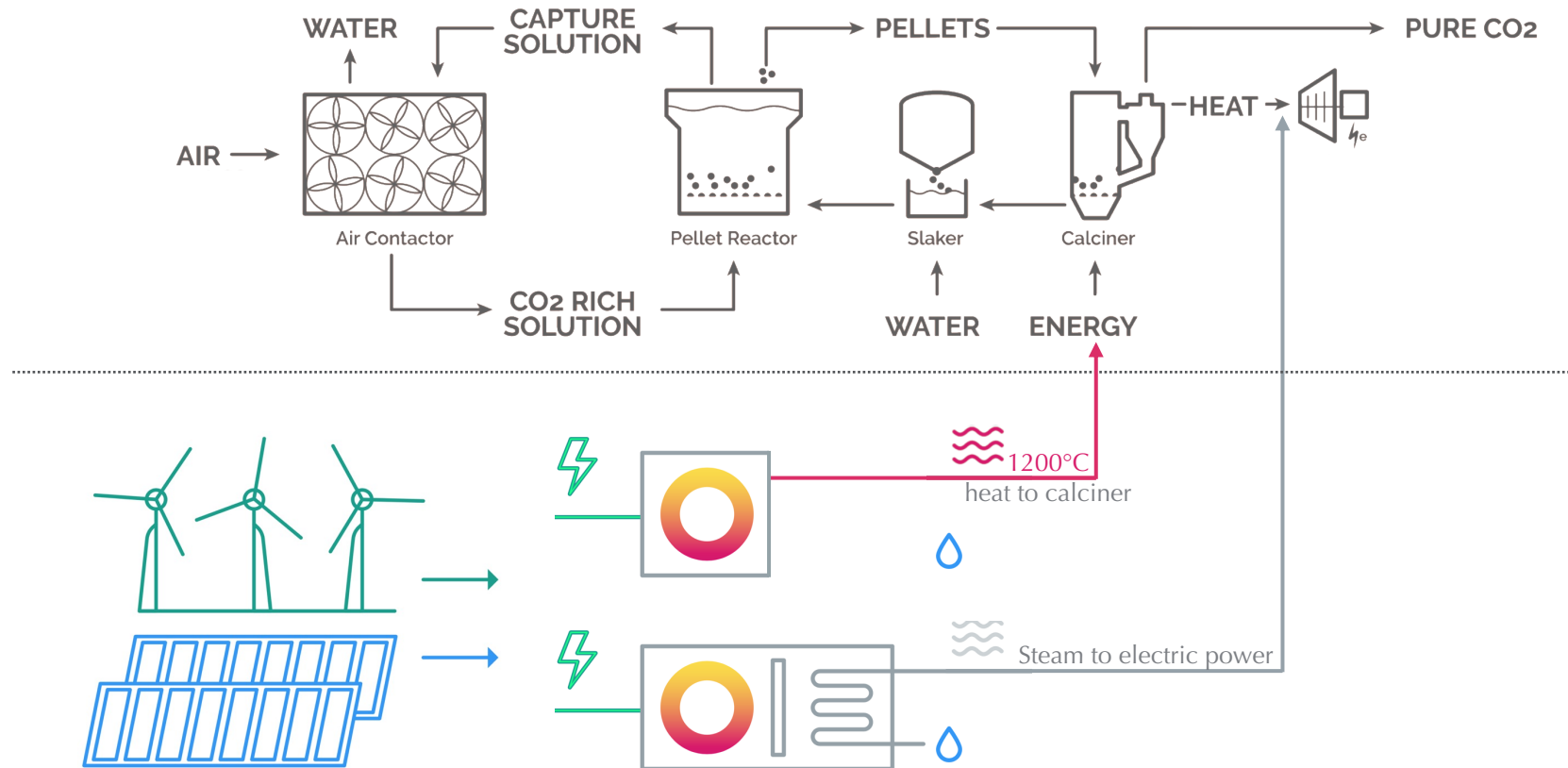
	TBtu
Refining	478
Oil Production	262
Cement	118
Hydrogen	48
Metals & Minerals	37
Food & Beverage	35
Manufacturing/Other	31
Electricity	18
Paper	13
Glass	9
Cogeneration	1
Biofuel	0.8

97% efficient cogeneration



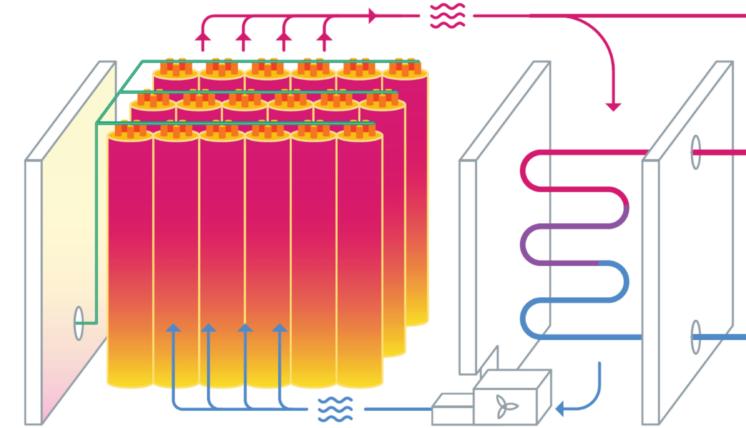
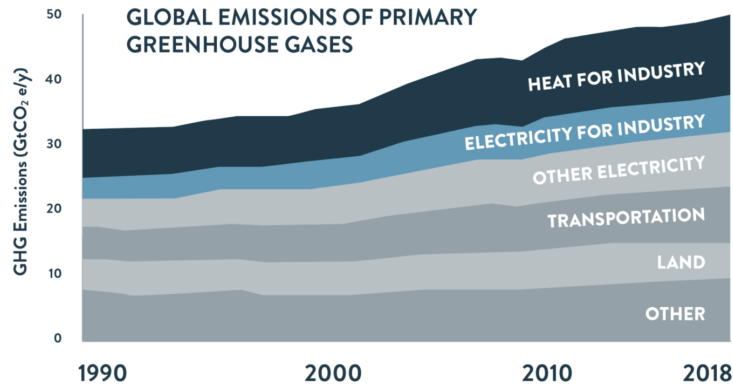
Zero carbon energy driving carbon capture

Zero-carbon high-temperature DAC



Zero combustion. Intermittent renewable electricity.
Continuous operation.

Repowering industrial heat is urgent & efficient



1 boiler = 8,571 EVs

Capex \$/tCO₂ 1: 14

The green premium is history

