



ON LAND. AT SEA.

# Data Center Power Always On

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LANGLEY  
POWER SOLUTIONS

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**We have the Power**

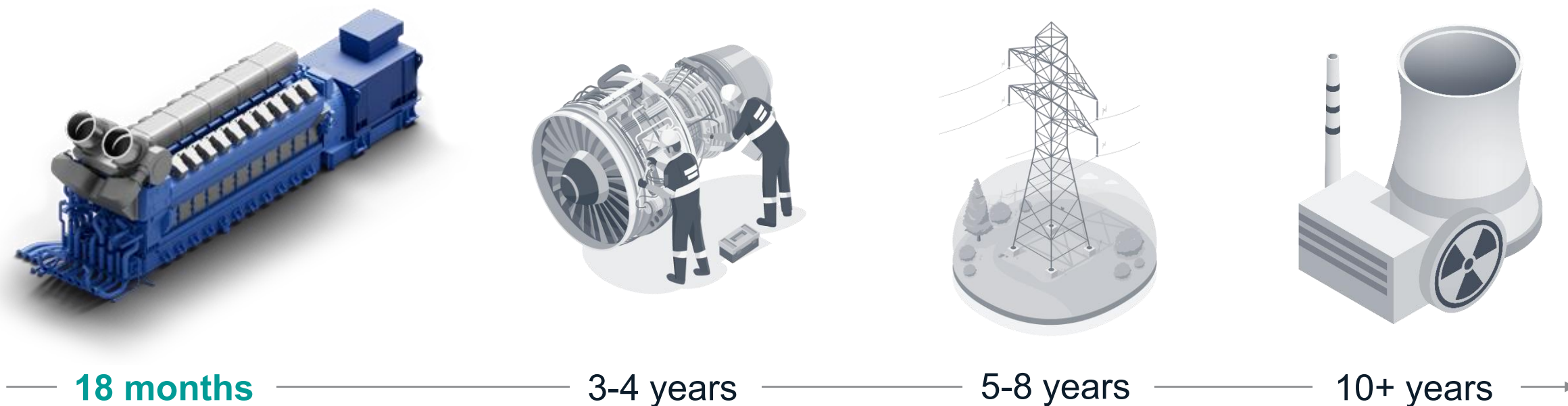


# THE CHALLENGES

## GRID AVAILABILITY

# What Options Do Data Centers Have?

## Speed to Power





# From 'Back-up' to Baseload

The role of natural gas reciprocating engines is shifting. No longer just emergency back-up, but now central to prime power generation.

- **Efficient Baseload**  
Optimized for continuous operation with high fuel efficiency and prepared for future fuels.
- **Cogeneration or Trigeneration**  
Heat and Cooling
- **Load Stabilization**  
Stabilized to manage transient AI and data center loads with uptime assurance.

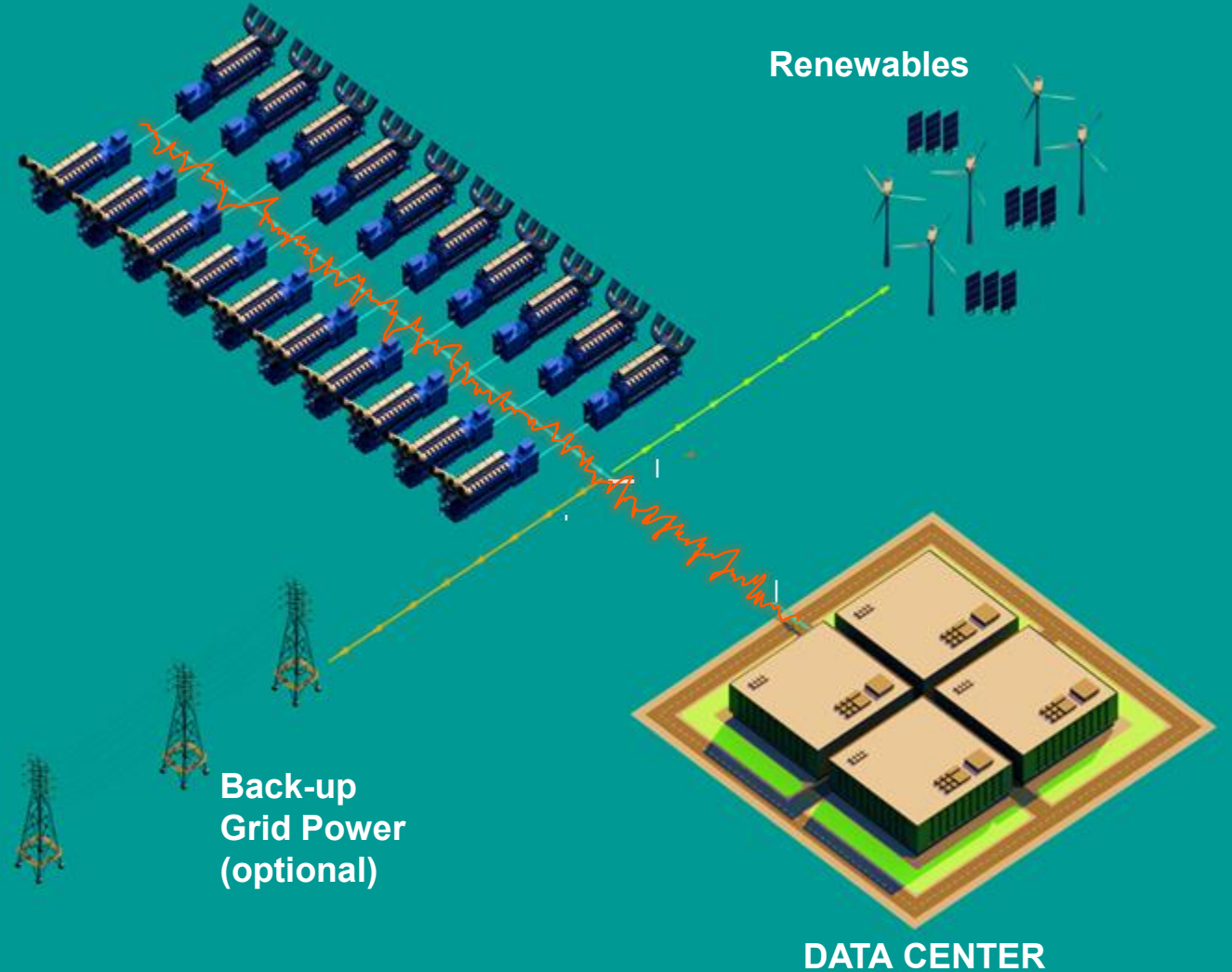


# The Challenge Grid Stabilization

- **Data Center Risk**  
Load Demand Change and Transient AI load swings can **destabilize supply**, driving downtime, SLA breaches, and costly losses.



Base Load  
Power







+

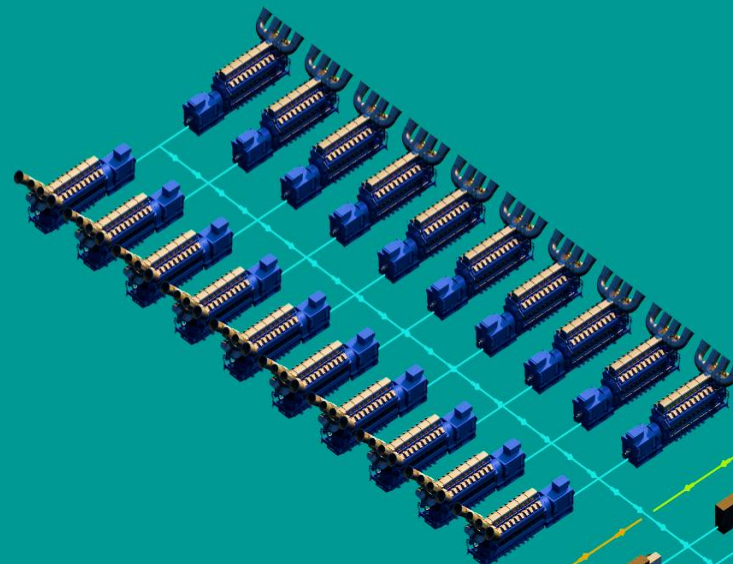


## The Solution: How It Works

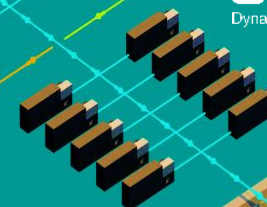
- Protects gensets from transients
- Maintains voltage and frequency stability
- Tier III/IV Concurrent Maintainability and fault tolerance, **99.999% uptime**
- Battery-free without degradation of energy storage capacity



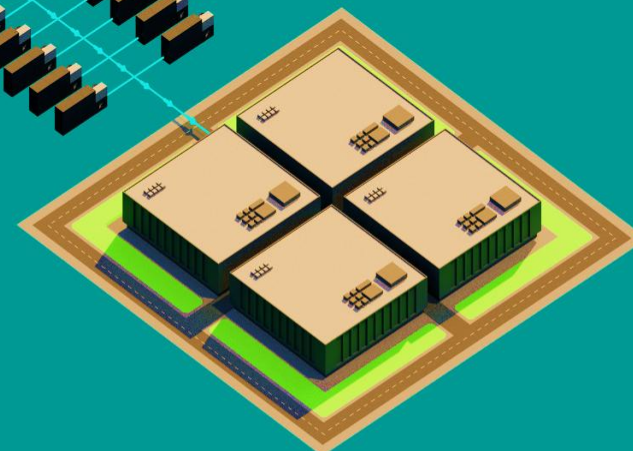
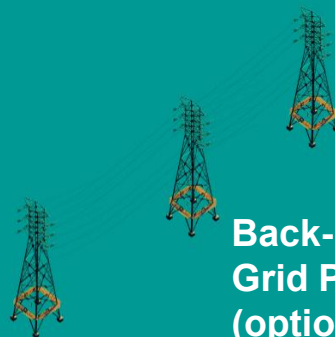
Base Load  
Power



Renewables



Back-up  
Grid Power  
(optional)



DATA CENTER

# REFERENCES Bergen Engines



US Install

**100MW**  
9 x B36:45V20  
*Bitdeer | Alberta*

**500MW**  
45 x B36:45V20  
*Liberty Energy | Locations TBC*

**200MW**  
18 x B36:45V20  
*Crusoe | AZ*

**200MW**  
20 x B36:45L9  
9 x B36:45V20  
*Crusoe | TX*

**400MW**  
36 x B36:45V20  
*E-Finity | NJ*

  
**Bergen Engines Inc.**  
Austin, TX



**Four New Data Center  
Contracts in 2025**

Totaling 1.4GW of Power

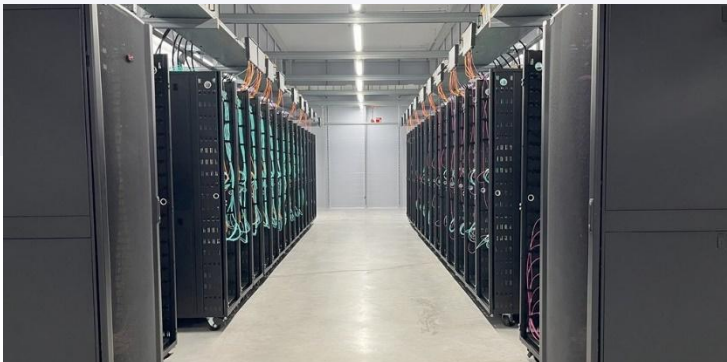


# E-Finity

New Jersey, USA | 2026

## 36 x Bergen B36:45V20 (400MW)

- AI-ready campus, scaling to gigawatt capacity
- Green power strategy with solar, hydrogen, and heat recovery
- Fast-track deployment with first phase live in 20 weeks





# Bitdeer

Alberta, Canada | 2026

## 9 x Bergen B36:45V20 (100MW)

- New data center focused on cryptocurrency mining and AI infrastructure
- Potential to scale to 1GW
- World's first net-zero, fully integrated off-grid Bitcoin mining facility



# Liberty Power

USA | 2026

## 45 x Bergen B36:45V20 (500MW)

- Engines distributed to 5 sites
- Potential to scale to 1GW
- Long-term power to support cloud and AI infrastructure for the world's largest tech companies





# Crusoe

Texas, USA | 2026

## 27 x Bergen B36:45V20 with 20 x Bergen B36:45L9 (400MW)

- Engines distributed to two sites
- Plans for 1.6GW Campus
- Designed to become one of the largest data centers in the US





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Thank you!