

# Company Overview

2023



## APR Energy

- APR Energy is a global leader in specialized energy solutions. We have a proven history of successfully executing, owning and managing short and long-term projects across a wide spectrum of energy technologies in over 35 countries since 2004

## Mission Statement

- APR helps ensure people have access to reliable and efficient energy when and where they need it most

## Catalyzing the Energy Transition

- We believe the energy sector needs to evolve and are taking a localized approach to enable the energy transition “one electron at a time”
- Whether it’s a shift to more renewables, enhancing the efficiency of fossil fuels or building a less carbon intense energy ecosystem from the outset, APR Energy and our customers have a role to play

## Value Proposition

- 15+ years building and operating natural gas plants around the world
- Ability to leverage company gas turbine fleet for short term, renewable bridging/balancing or longer-term backup/baseload
- Financial backing for long-term project development and acquisitions in gas, solar, wind
- Appetite for innovative technology applications, including gas/solar hybrid and hydrogen

# Company History



## Japan | 2011

203MW gas plants for TEPCO



## South Australia | 2016

276MW gas plants for grid stability & intermittency



## Argentina | 2017-2022

320 MW gas plants for back-up power



## Bangladesh | 2018-2023

300MW plant providing bridging power



## US California | 2021-2022

90 MW plants to maintain capacity reserve and grid stability



## Brazil | 2022

265MW gas plant for baseload power demand



# Select Projects Overview



**Sri Lanka | 2004**

**40MW** summer peaking DPMs plant to bridge power consumption gap



**Haiti | 2007-2012**

**13MW** DPMs plant providing essential power for critical U.N. peacekeeping activities



**Botswana | 2010**

**70MW** bridging power DPMs plant while permanent plant is built



**Japan | 2011**

**203MW disaster relief gas plants** for massive damage to nuclear power infrastructure



**Angola | 2012-2013**

**80MW** baseload power



**Uruguay | 2012-2016**

**300MW** gas plants bridging and peaking solution to reduce reliance on hydro



**Myanmar | 2014**

**102MW** baseload gas power modules to replace aging power plants



**Argentina | 2017-2022**

**320MW** peaking and grid support gas plants to meet energy supply shortage



**South Australia | 2016**

**276MW** gas plants to provide grid stability and manage intermittency



**Puerto Rico | 2017**

**85MW** emergency gas plants for hurricane relief



**Bangladesh | 2018-2023**

**300MW** DPMs providing bridging power while mega-infra are being completed



**Dominican Republic | 2018**

**120MW** supplemental power to ensure reliability during restoration of existing infra



**Mexicali | 2020-2022**

**595MW** summer peaking gas plants meet power consumption gap



**US California | 2021-2022**

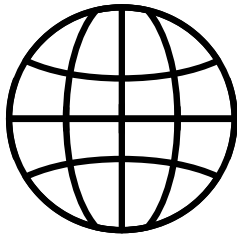
Back-up energy to maintain capacity reserve and grid stability



**Brazil | 2022**

**265MW** gas plant capacity solutions to serve baseload power demand

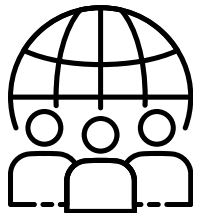
## Global Footprint



35+ Countries

5+ GW

Diversified + innovative technologies



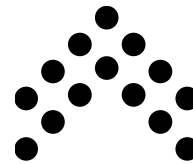
350 employees  
10+ languages  
25+ nationalities

## Strong Profile

SIGNIFICANT OPERATING PLANT EXPERIENCE

STRONG HSE PROGRAM (LTIR < industry avg)

DEFINED DECARBONIZATION PATH



Energy Subsidiary of Atlas Corporation

\$7.6bn new investment program  
\$6.9bn of financings

#1

Owns & operates the largest full turn-key mobile aeroderivative turbine fleet in the world

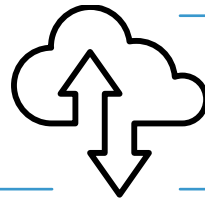
## EVOLVING OUR TECHNOLOGY AND TAKING A LOCALIZED, INCREMENTAL APPROACH

### Energy Systems Around The World Face Constraints

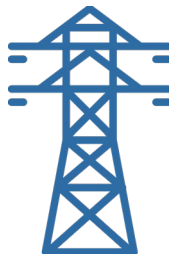
**Renewable Integration** – need dependable baseload in the short to mid-term



**Increased Volatility** – fuel instability and changing weather patterns



**Changes in Load Centers** – systems and regulators need help adapting

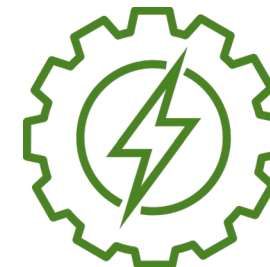


**Long Term Rhetoric vs Immediate Actions** – tangible improvements today will only enable further enhancements



### APR is Responding By:

**Helping countries** manage the shift to renewable energy by providing back-up baseload power and grid balancing



**Building less carbon intense projects** from the outset including gas and renewables

**Enhancing the efficiency** of existing fossil fuel generation through reconfigurations and researching new fuel options such as blended hydrogen

# Diversified Global Footprint

Over 5GW of Projects Executed in 35+ Countries since 2004



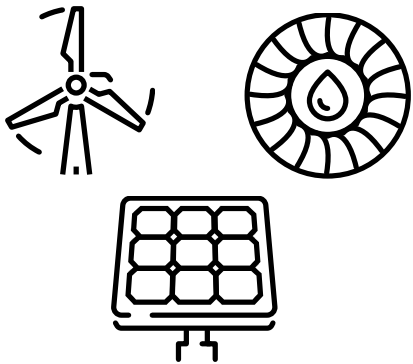
● Ongoing Projects    
 ● Completed Projects    
 ★ APR Headquarter



# Creating Value as an Integrated Power Company



Short- to-Medium Full Turnkey | Long-Term IPP



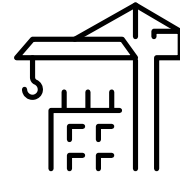
## TECHNOLOGY

Gas | Solar | Wind | Hybrid



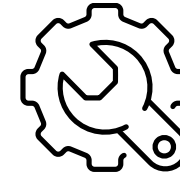
## PROJECT DEVELOPMENT

- Build, own, and operate permanent power plants
- In-house O&M and management service



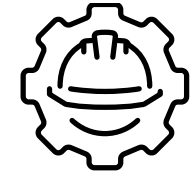
## EPC SERVICES

- Design
- Logistics
- Construction
- Commissioning



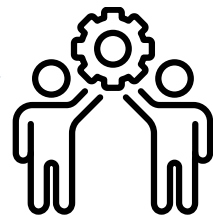
## OPERATIONS & MAINTENANCE

- O&M
- Fuel
- Security
- HSE



## ASSET MANAGEMENT

- Plant Management
- Continuous Improvement through R&D
- Stakeholder Management



STRATEGIC PARTNER | Investor | Owner | Joint Venture Partner



## Flexibility, speed and efficiency for Short, Mid and Long-Term Projects

### Mobile Gas Turbines

- **Power Dense:** 20-35MW per turbine (scalable to 500MW+ projects); small footprint and fully mobile
- **Emissions Friendly:** produces 90% less NOx than diesel engine; able to use multiple types of fuel
- **Available:** <60-day delivery & installation
- **Flexible:** Convertible to combined cycle mode for medium and long-term applications

### Renewables + Turbines

- ✓ **Hybrid power stations** that pair wind and solar installations with turbines in a discrete manner to maximize the efficiency, output and stability of each plant.

### Flexible Solar

- **Retractable/movable** solar racking systems
- **Superior speed** of installation onsite
- **Suitable for** utility, C&I, and rooftop applications

### Clean Fuels

- **Blend clean fuel** (e.g., green hydrogen) with natural gas/liquid fuels to reduce fossil fuel consumption, effectively increasing fuel efficiency

# Flexible & Unique Solutions for Evolving Demand



## Bridge to Long-Term

- ✓ Targeted MWs available on expedited basis using mobile turbines as fully operational bridge during long-term plant construction generating revenues and insuring against delays to COD (on avg 1-2 years)

## Baseload & Mid-Merit

- ✓ Electricity generated and contracted on a take-or-pay basis or contracted on a capacity basis to be used mid-merit (30 – 60% dispatch) or baseload applications (80%+ dispatch)

## Peaking

- ✓ Fully dispatchable power stations which primarily generate electricity during the periods of highest demand, be they high demand hours in a day or seasons of the year

## Ancillary Services

- ✓ Power plants which improve the overall reliability and functioning of the power grid, particularly supporting the addition of variable renewable generation

## Off-Grid Power

- ✓ Dedicated power for remote or isolated mini power grids which are designed to provide most or all of the power needs for a given system

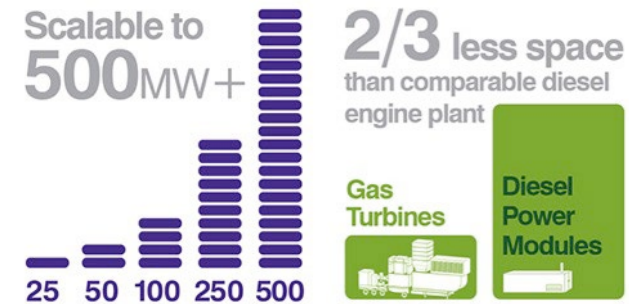
## THE CUSTOMER CHOICE FOR LARGE, FAST-TRACK POWER NEEDS

- Power-dense; small footprint
- Rapid transport
- Fuel flexible
  - Natural gas and liquid fuels (including LPG, naphtha, kerosene, diesel)
  - Seamless transition between fuels
- Voltage flexibility
- Full power in under 10 minutes
- Improves grid stability
- Low emissions; low noise

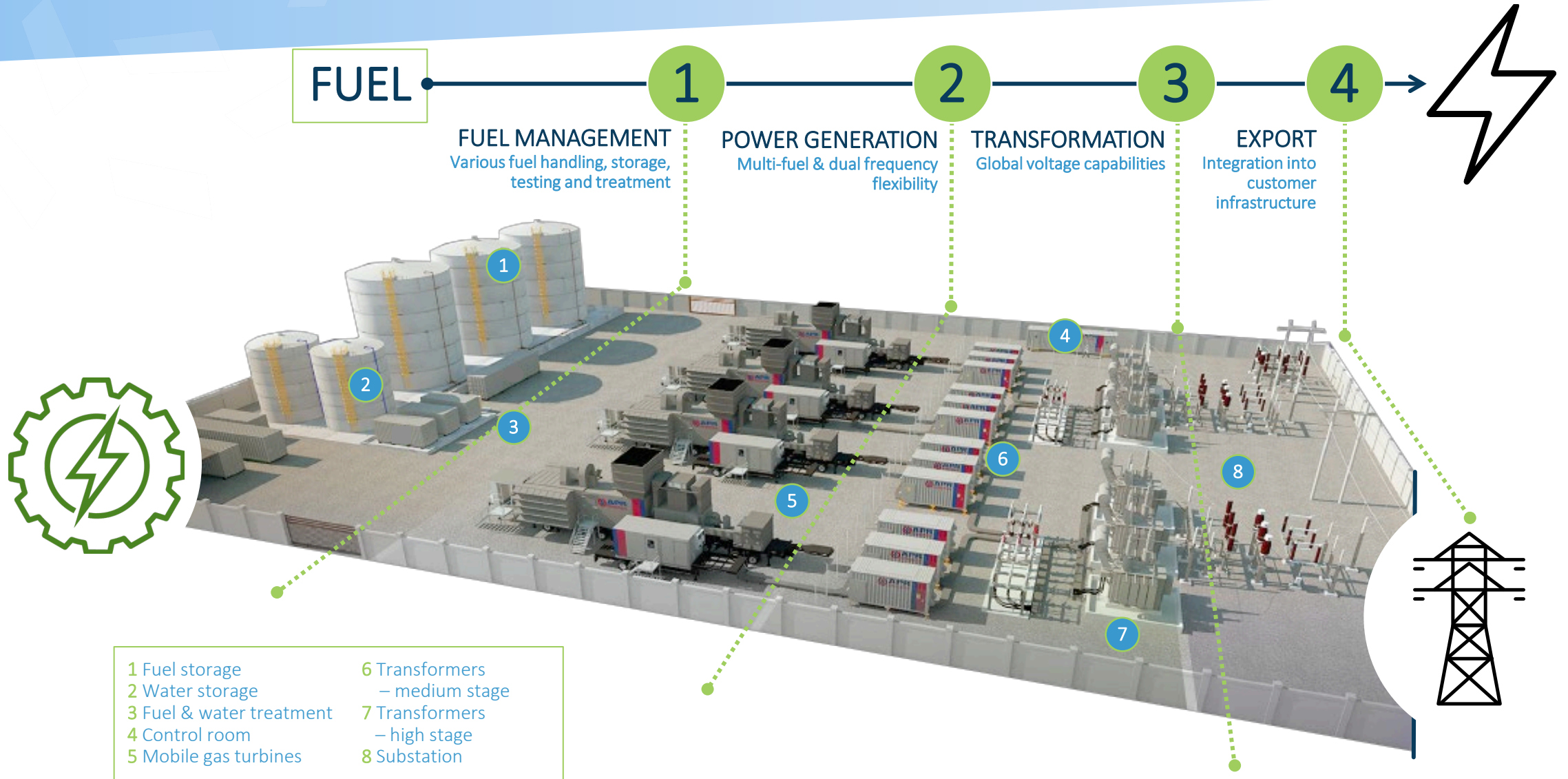
# 30-60 days

Delivery & Installation

Our solution vs. traditional plant



# An End-to-End Solution Platform





# Hybrid Plant Approach



- APR Energy offers utility-scale, fast-track and redeployable solar-hybrid power plant for on-grid or off-grid generation
- **Flexibility:** Flexible enough to use for utilities, mines, heavy industry and rural electrification, these turnkey solar-hybrid plants combine the benefits of renewable energy with the security of immediate back-up power
- **Quick Installation:** This proprietary, scalable design enables the solution to be installed anywhere in the world and operational in 90 days or less
- **Easy Demobilization and Redeployment:** Unlike traditional solar power plants, APR Energy's photovoltaic system is designed for easy demobilization and redeployment, making it an ideal solution for customers with short-term renewable power needs.
- **Complementary to Traditional Fuel:** The Solar Power System makes a great complement to existing generation sources, providing an offset to the costs of traditional fuels and providing the customer with a lower total cost per kilowatt-hour
- **Enable Cost Saving:** Its remotely accessible intelligent control system optimizes the output of solar power, minimizing electricity costs while ensuring energy security at all times. The portable, redeployable aspect of this solution further holds down cost to the customer, since the full value of the equipment will be captured over multiple projects



