



APR ENERGY

Introduction to APR Energy



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

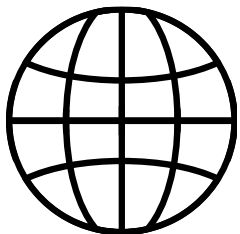
Back-up energy to maintain capacity reserve and grid stability



Brazil | 2022

265MW gas plant capacity solutions to serve baseload power demand

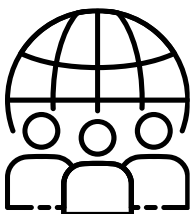
Global Footprint



35+ Countries

5+ GW

Diversified + innovative technologies



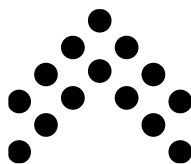
350 employees
10+ languages
25+ nationalities

Strong Profile

SIGNIFICANT OPERATING PLANT EXPERIENCE

STRONG HSE PROGRAM (LTIR < industry avg)

DEFINED DECARBONIZATION PATH



Energy Subsidiary of Atlas Corporation (NYSE: ATCO)

\$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

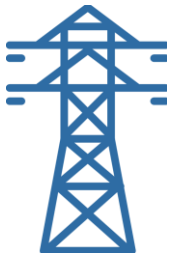
Renewable Integration – need dependable baseload in the short to mid-term



Increased Volatility – fuel instability and changing weather patterns



Changes in Load Centers – systems and regulators need help adapting

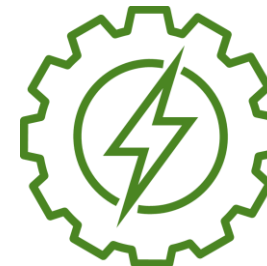


Long Term Rhetoric vs Immediate Actions – tangible improvements today will only enable further enhancements



APR is Responding By:

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

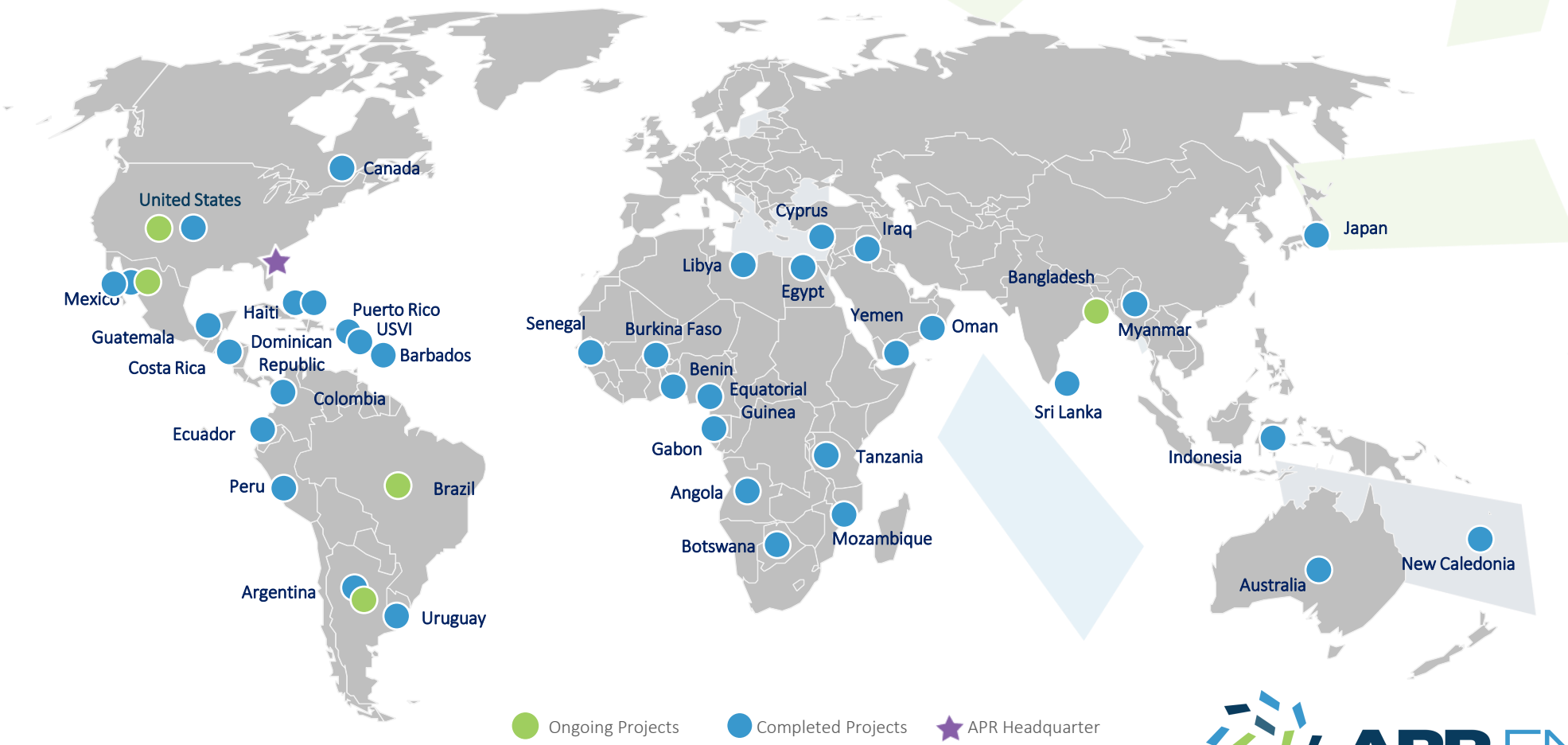


Building less carbon intense projects from the outset including gas and renewables

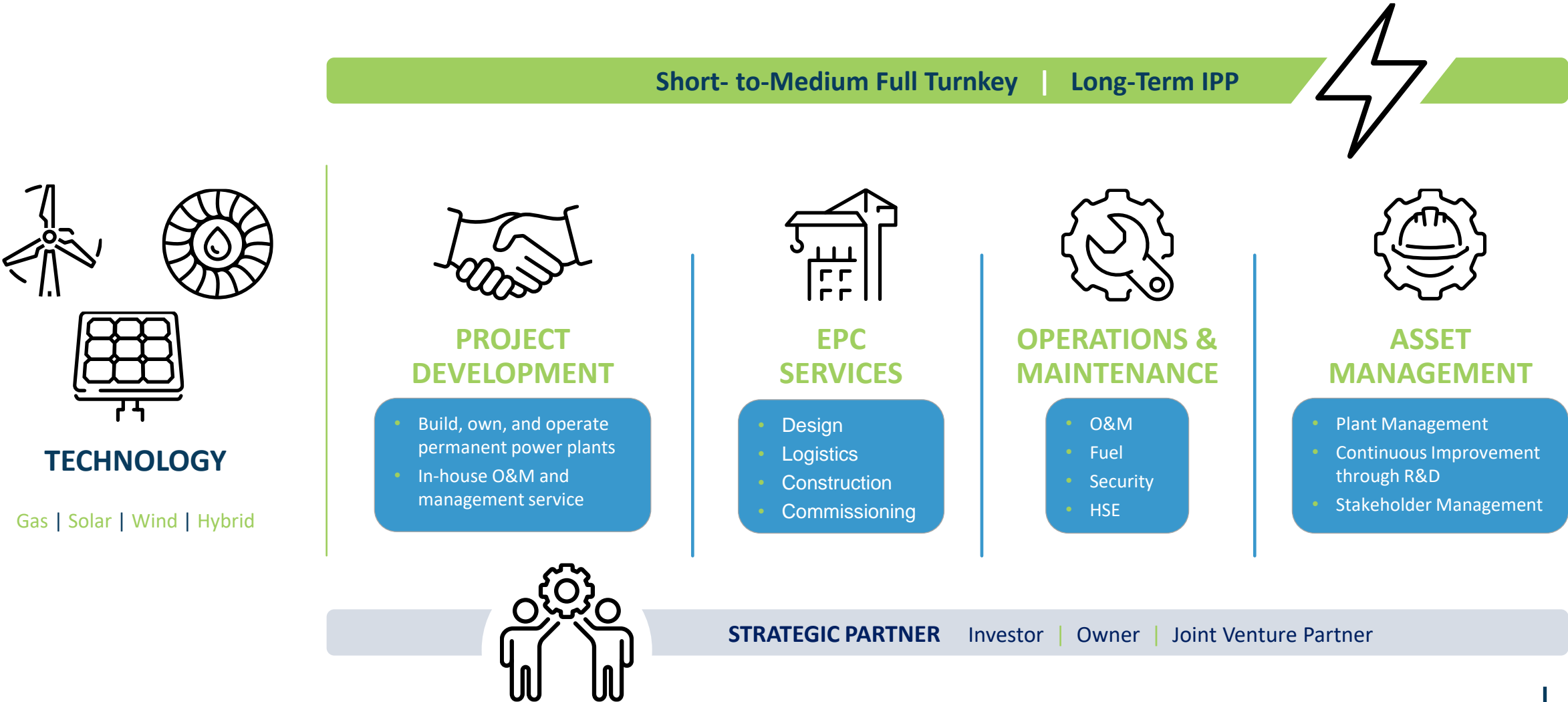
Enhancing the efficiency of existing fossil fuel generation through reconfigurations and researching new fuel options such as blended hydrogen

Diversified Global Footprint

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



Creating Value as an Integrated Power Company



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

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

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

