



Enel Green Power

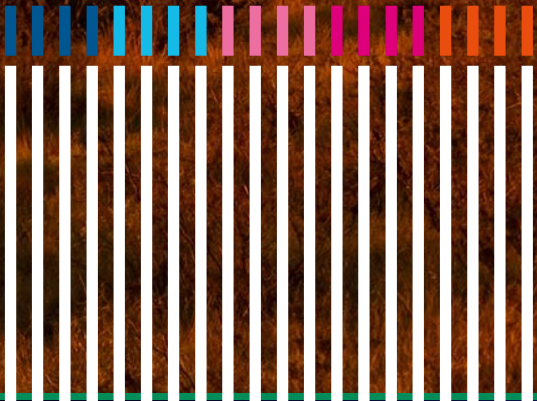
Enabling the Transition to Zero-Emissions Mining

Werther ESPOSITO, Managing Director EGP Australia

ENERGY AND MINES SUMMIT 2022

Agenda

- Who we are – Enel Overview
- How can we help mining industry?
- Our Best Cases



Enel Group

Simple and effective organization



Enel Green Power

Managing the Group's generation fleet maximizing operational efficiency and exploiting synergies, accelerating the decarbonization and energy transition

Enel X Global Retailer

Managing energy offering, services and digital solutions to end-users, maximizing operational efficiency and improving the customer journey

Enel X Way

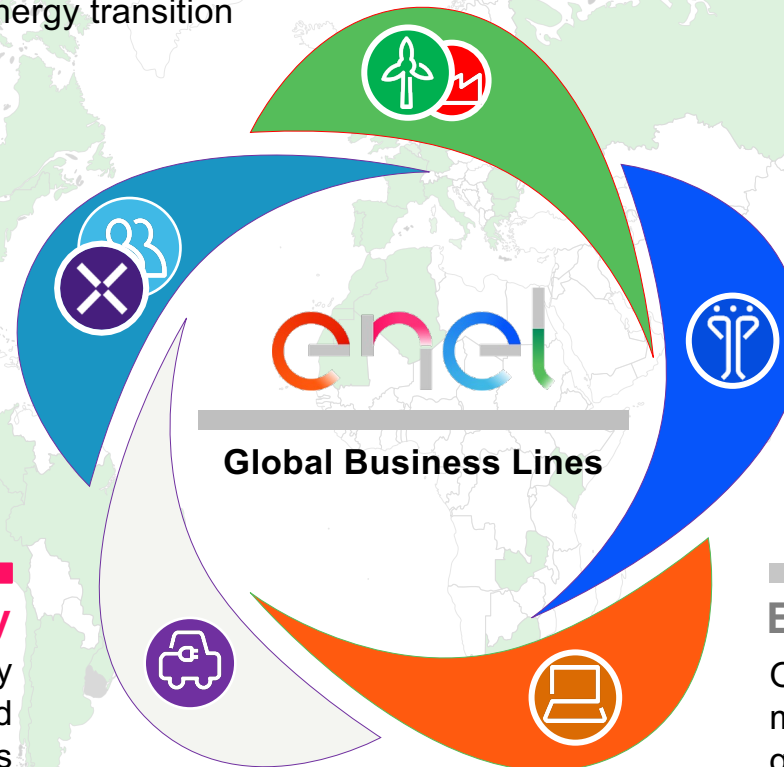
Managing the overall electromobility solutions portfolio, innovating and scouting new e-Mobility technologies

Enel Grids

Managing the Group energy distribution assets, maximizing service quality levels and improving customers' reach enhanced by digital platform infrastructures

Energy and Commodity Management

Optimizing the commodities supplies, managing the commodity risk exposure of the global portfolio, trading energy commodities and derivatives



Enel Group

Multinational integrated energy company focused on sustainable growth



Global Utility

30 countries
68,000 employees

Strong Financial Footing

88 Billion € Revenue*
19.2 Billion € EBITDA*
BBB+ S&P's / Baa1 Moody's / A- Fitch

Beyond commodity

319,000 EV charging points
7.7 GW Demand response
80 MW BESS



Leader in Renewables

54GW installed renewable capacity
223 TWh production (49% green)*
+5 GW new RES built in 2021 (95 projects)*

First Network Operator

2.2 Mn km distribution network
75 Million grid customers
510 TWh distributed*

Largest Retail Customer Base

69 Million customers
17 Million free market
309 TWh sold*

Enel Green Power's business model



6 technologies across the globe



How we Originate



How we Execute



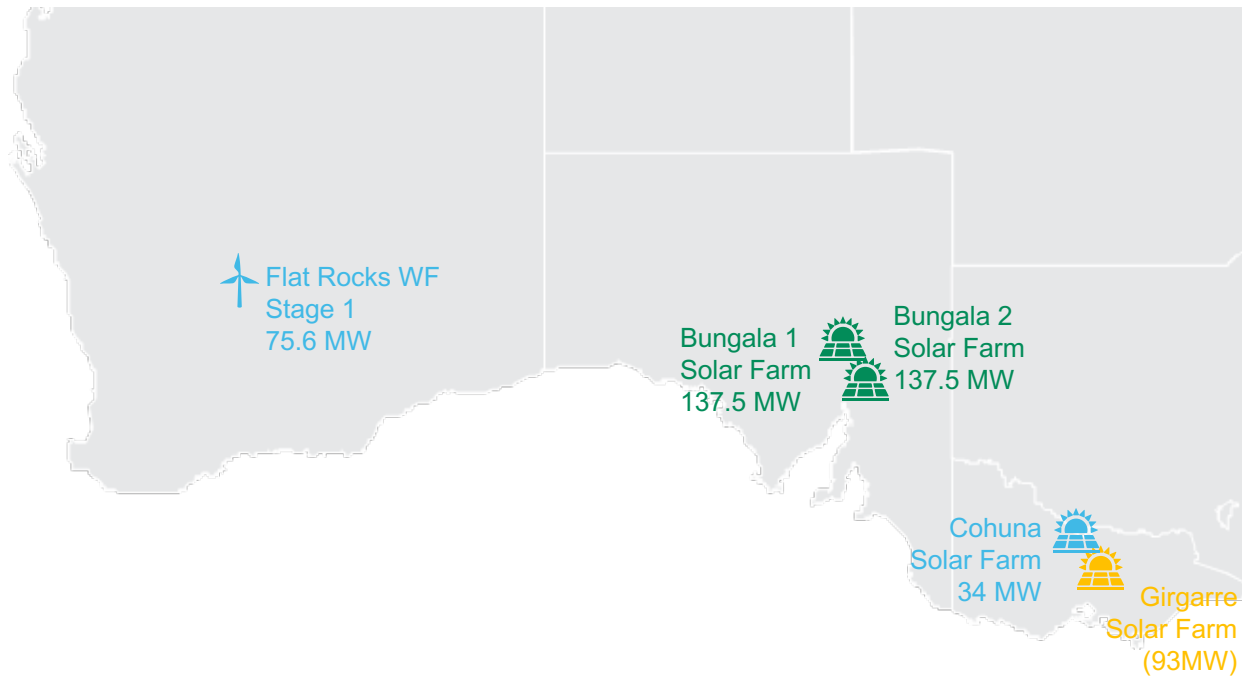
How we Deliver



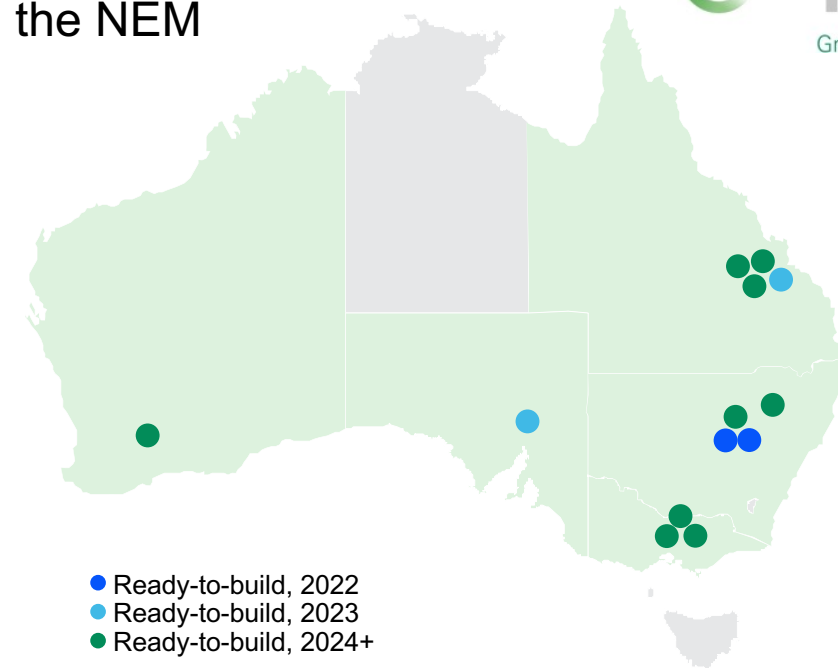
Technological and geographical diversification with an optimized Value Chain

Enel Green Power in Australia

High quality portfolio and pipeline strategically located across the NEM



- Operating
- Under-construction / in-construction phase
- Ready-to-build

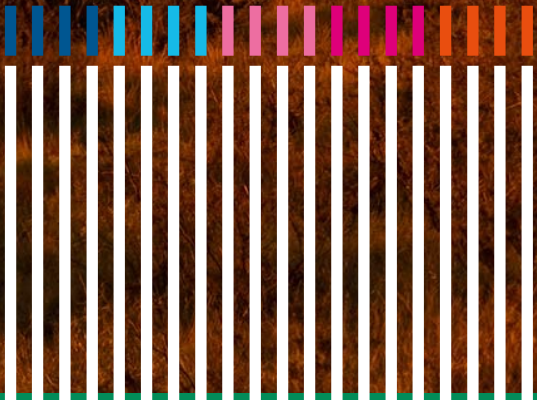


Australian Development Pipeline

| Location | Wind | Solar | BESS | Total MW |
|-----------------|--------------|--------------|------------|--------------|
| QLD | 924 | 312 | 250 | 1,486 |
| NSW | 600 | 296 | 200 | 1,096 |
| VIC | 300 | 400 | 200 | 900 |
| WA | 100 | N/A | N/A | 100 |
| SA | N/A | N/A | 40 | 40 |
| Total MW | 1,924 | 1,008 | 690 | 3,622 |

Agenda

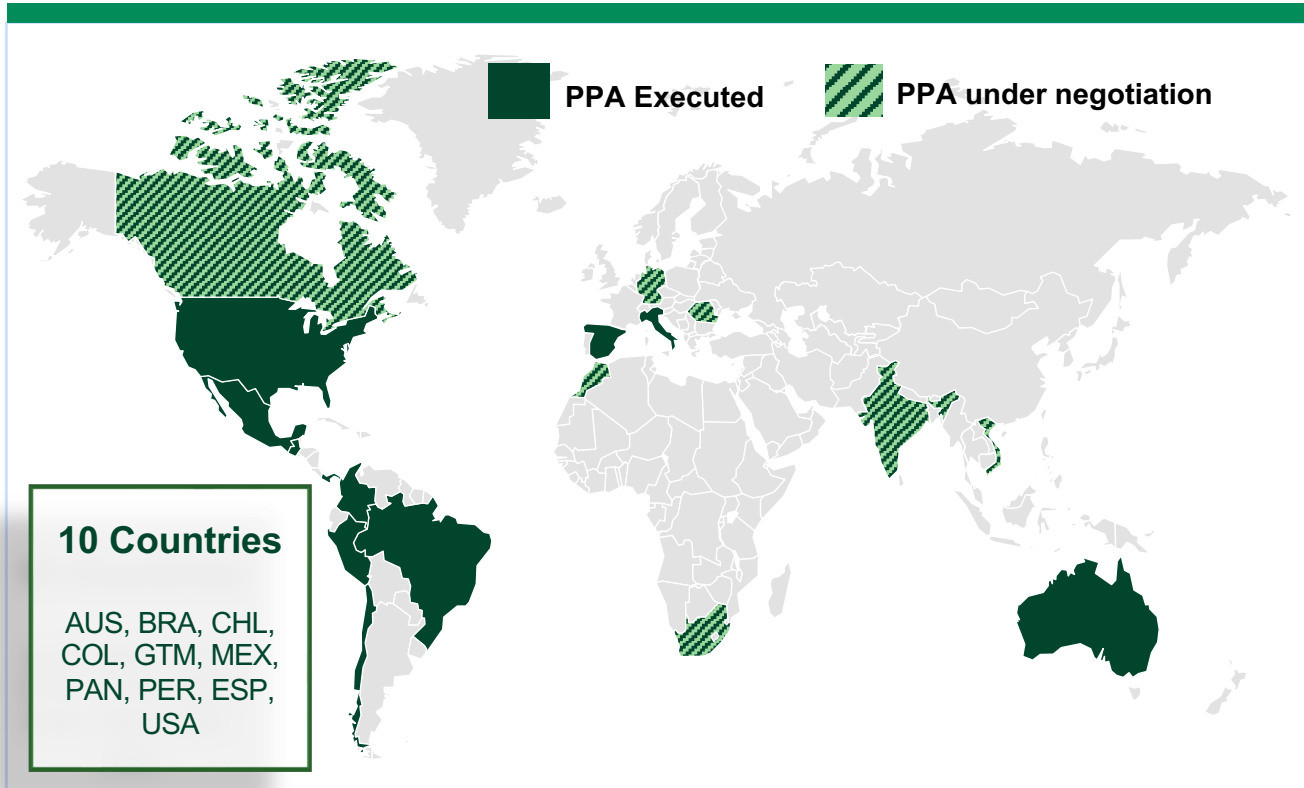
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PPAs Across the Globe



Our PPA Markets



211 GW of PPAs signed
(5 GW with C&I)

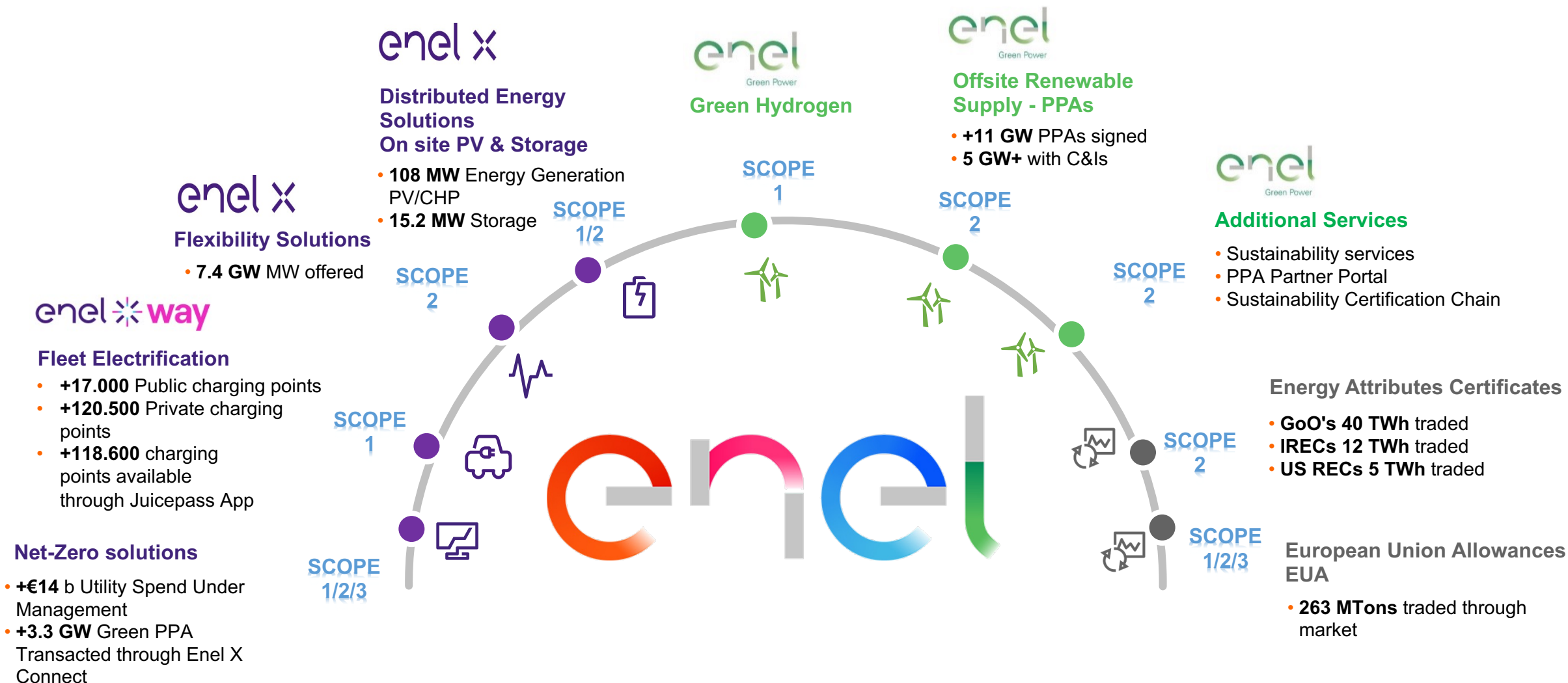
Commercial and Industrial Partners



150+ contracts signed

A proven track record

Platform to integrate advanced products and services with and beyond green commodity



Our Solutions



Off-site Renewable Power Supply

To reduce Scope 2 emissions

- Physical Power Purchase Agreements
- Virtual Power Purchase Agreements.
 - No physical delivery of energy.
 - No need to change supplier.
 - Ideal for multi-site clients.

Success story: **BHP, Australia**

1



E-mobility

To reduce Scope 1 emissions

Development of flexible solutions to help mining by supporting the electrification of transport.

- Charging infrastructure for e-buses.
- Charging infrastructure for e-trucks.

Success story: **Anglo American , Chile.**

2



On-site Renewable Power Supply

To reduce Scope 1&2 emissions

On-site energy generation is a great solution for mines located in remote areas to improve their efficiency, circularity and sustainability

- Onsite PV plants.
- Behind-the-meter storage.
- Design, installation and maintenance of energy infrastructure.

Success story: **Atalaya, Spain**

3



Energy Flexibility Services

To reduce Scope 1 emissions

DR as integral to reducing energy costs, demonstrating the company's commitment to the environment, and supporting the local community

- Enel X helps ensure the reliability of the energy grid during peak periods by reducing demand

Success story: **US Silica, USA**

4

We support mines to build a better, cleaner future by offering customized solutions

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Offsite Renewable Power Supply



CUSTOMER

BHP

1



COUNTRY



Australia



PROJECT

- 76 MW Flat Rocks Wind Farm Stage One
- Located in the shires of Kojonup and Broomehill-Tambellup, in the Great Southern Region of WA
- Currently in pre-construction planning and due for operation in 2024.



PPA

- 12-year Power Purchase Agreement for 315 GWh annually, plus Large-Scale Generation Certificates

Offsite Renewable Power Supply & E-Mobility



CUSTOMER



AngloAmerican

2



COUNTRY



Chile



PPA

- 10-year Power Purchase Agreement for 3,000 GWh/y (3Twh) of energy supply from the Enel renewable portfolio (wind, solar and hydroelectric).



E-MOBILITY

- 10-year contract to supply 10 GWh/y energy, E-bus charging infrastructure and 17 E-buses by Enel X.

Onsite Renewable Power Supply



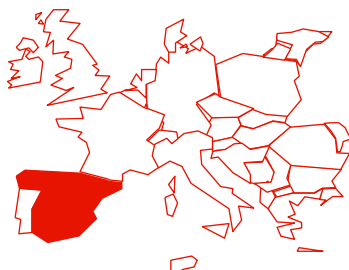
CUSTOMER



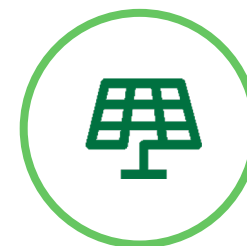
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COUNTRY



Spain



PROJECT

- 50 MW PV plant and substation located on Atalaya Mining site.
- Project designed, constructed, and operated by Endesa X

Energy Flexibility Services



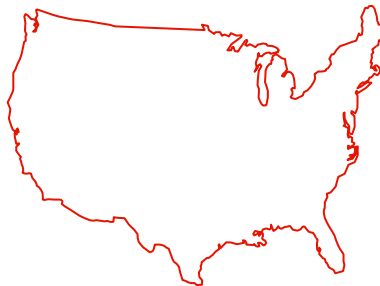
Customer



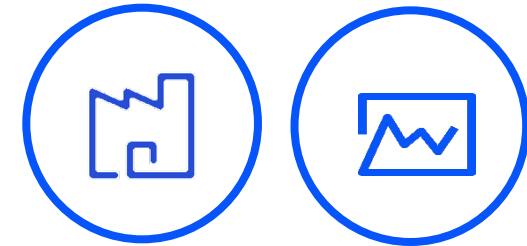
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COUNTRY



United States



ENERGY FLEXIBILITY SERVICES

- U.S. Silica has been enrolled in demand response (DR) programs since 2008, starting with a facility in Jackson, Tennessee.
- U.S. Silica enrolled the plant in the TVA-Enel X Demand Response program offered in partnership with its local energy provider, Jackson Energy Authority.



enel

Thank you

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