

GE VERNOVA AND ENEVA:

Partners in powering
Brazil's progress

GE Vernova and Eneva collaborated to keep the Parnaíba thermal power plant viable during a drought. Despite roadblocks, the long-time partners completed power plant outage services—a two-phase, two-outage project to maintain uninterrupted power to the grid—in record time.

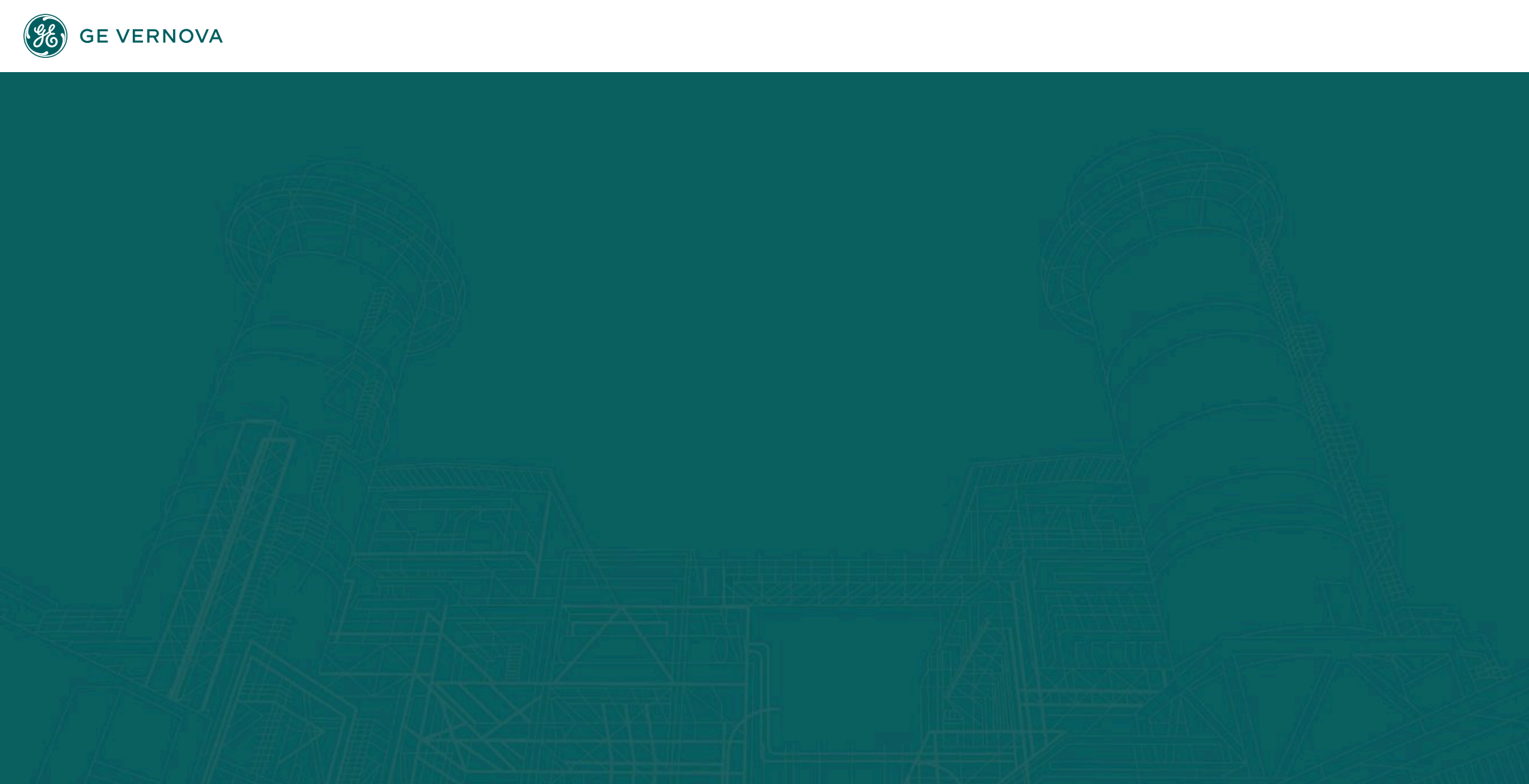


Hydropower generates 80% of Brazil's power.



**But in a drought,
production drops—
so thermal power
must compensate.**

Eneva's Parnaíba facility was already running 24/7,
putting the plant at risk of a critical unplanned outage.

A faint, teal-colored line drawing of industrial structures, likely gas turbines or cooling towers, serves as the background for the top half of the slide.

Their two 7F gas turbines were 4,000 hours over their 32,000 hour operational limit.

The choices: Shut down until next month's planned outage, or advance the outage timeline.



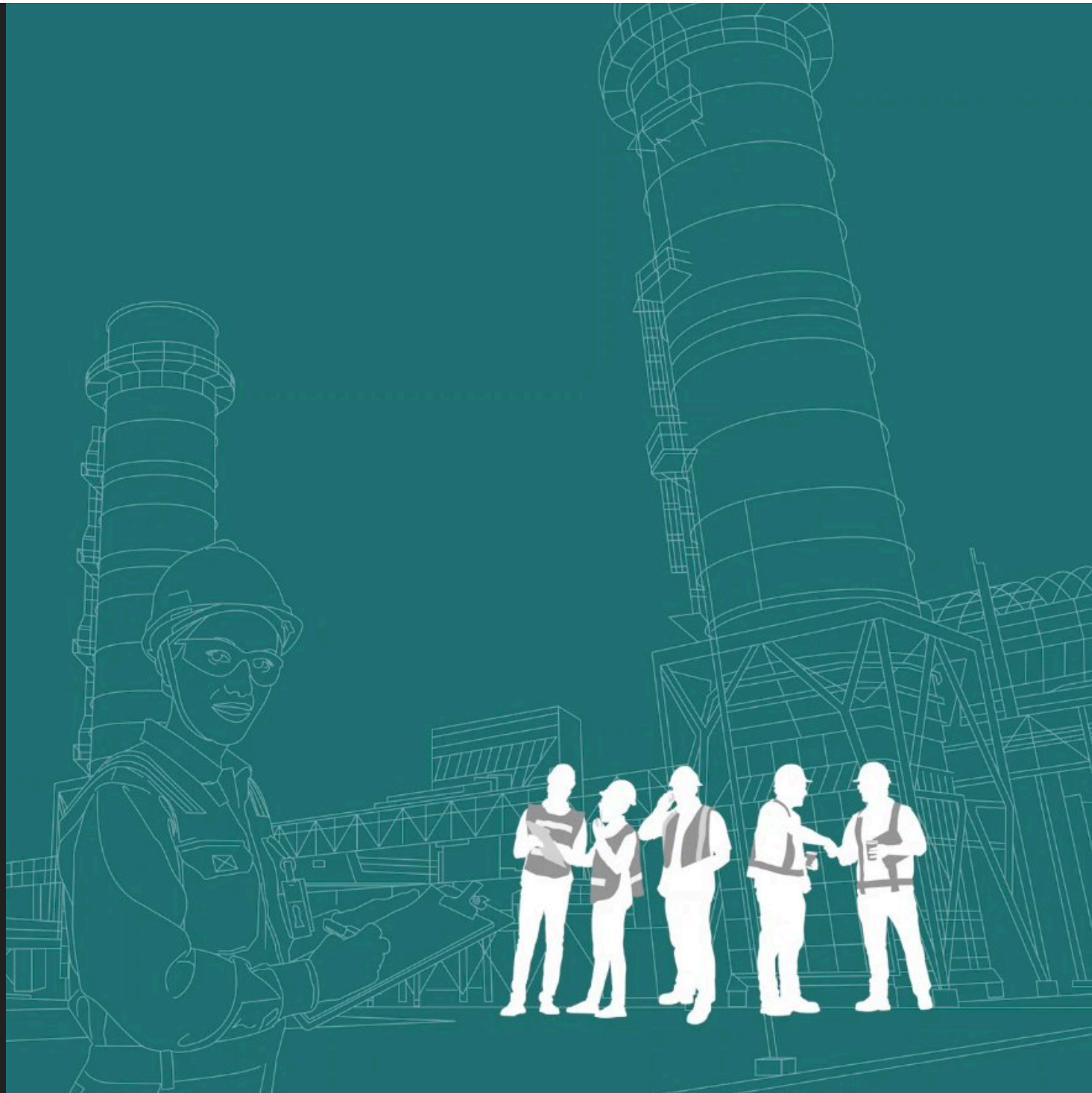
GE VERNOVA

GE Vernova and Eneva needed to work fast to advance the outage start by 30+ days.

GE Vernova proposed a two-phase outage to help ensure uninterrupted power supply for Brazil's people and economy.

**Having the
right people, in
the right place,
at the right
time was
critical.**

Strong communication and teamwork helped GE Vernova and Eneva start planning immediately.

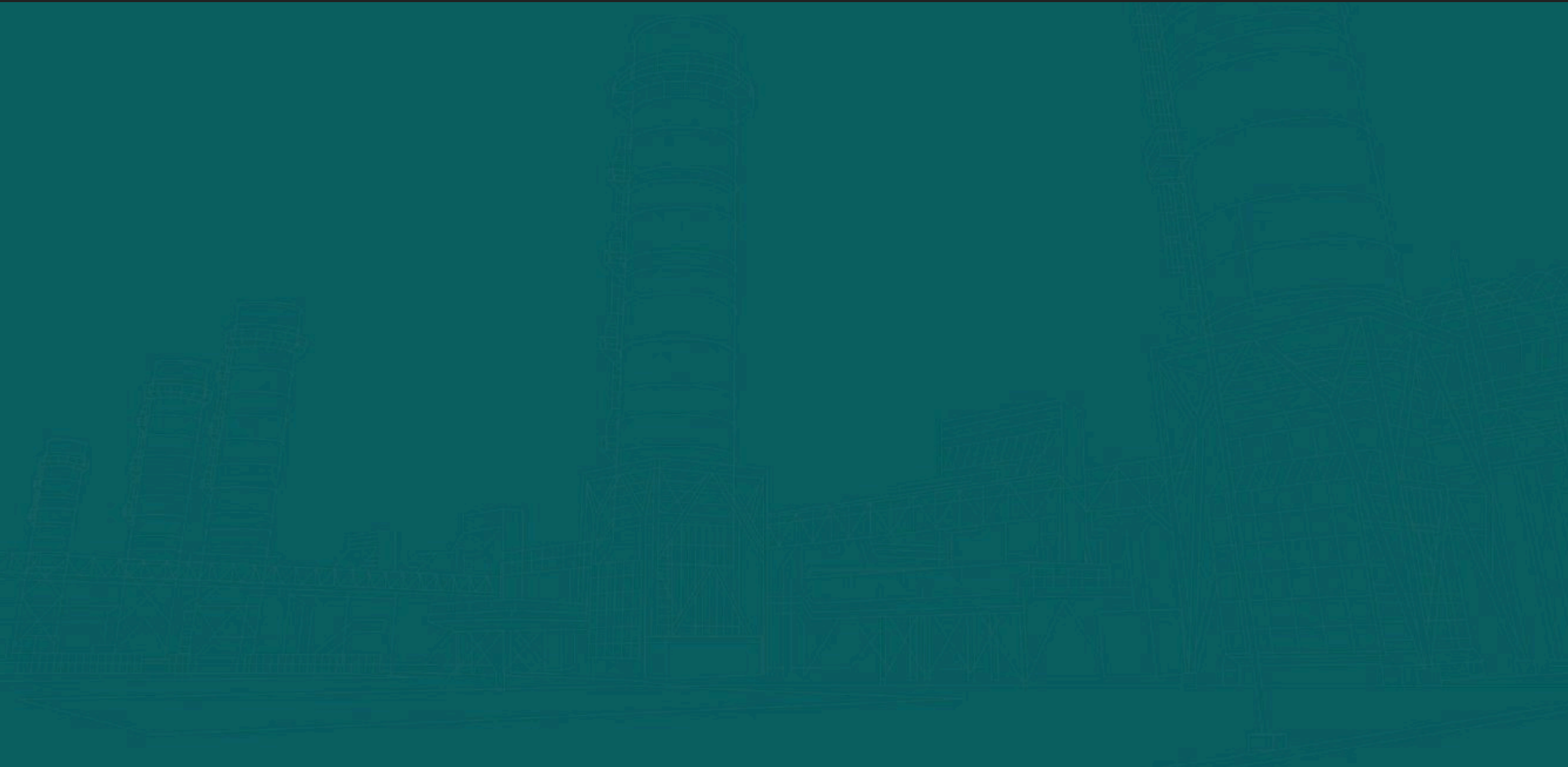


Building the right team was the first step.

It required pulling in experts from nearby Peru and Mexico and leveraging Eneva's strong standing with the government to expedite the visa processing time from three weeks to just five days.

Materials had to be onsite quickly.

With previous outage experience under their belt, the two teams worked together seamlessly to streamline the flow of tooling and parts.





A typical outage takes 15-16 days. GE Vernova and Eneva were able to complete the first hot gas path outage 48 hours faster, and the second 96 hours faster than average.

Both projects were completed on time, with high technical quality and zero accidents.

"Compliance with deadlines and technical quality are essential factors in planned outages. Because GE Vernova mobilized with such speed and agility, we managed to recover before the outage deadline. Whether it is the planning of parts or timelines, Eneva and GE Vernova learn lessons every time we work together."

Vilmar Carneiro

Operations Director, Eneva



We hope you enjoyed

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