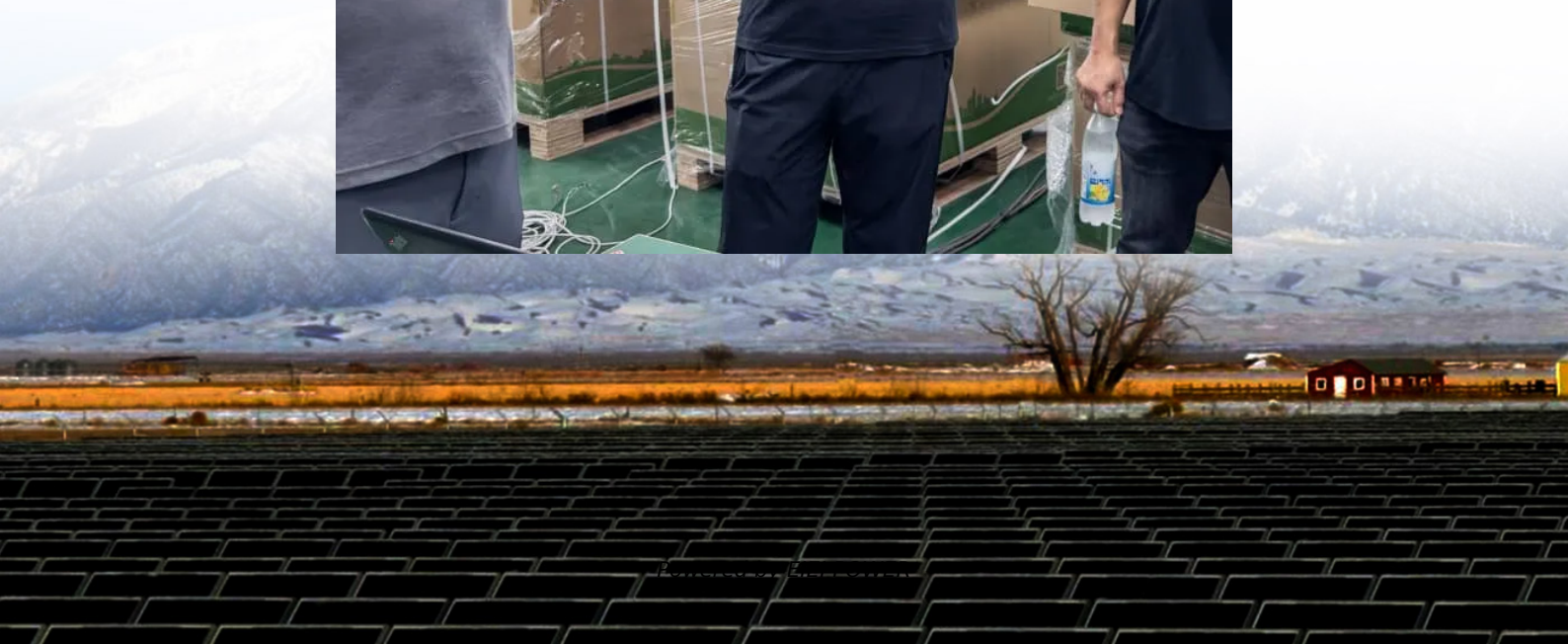


# **Brazil Fiber Optic solar container communication station Energy Management System**





## Overview

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How many FPSOs will be connected to a subsea fiber cable project?

The project will link 13 FPSOs and one platform with two cable landing stations in Praia Grande, São Paulo, and Rio de Janeiro. Offshore Engineer has recently interviewed Pioneer Consulting's Director of Client Solutions, Austin Shields, to learn more about the project and the subsea fiber cable trends in offshore energy in general.

How many oil & gas production stations are there in Brazil?

The 440-km repeaterless trunk-and-branch system will link 12 oil and gas production platforms, with two cable landing stations in Brazil's Anchieta, Espírito Santo and Barra do Furado, Rio de Janeiro.

How will Petrobras telecommunications work?

The company says the system will provide Petrobras with connectivity to future platforms, and it will leverage repeaterless technology and new cable jointing developments to modernize telecommunications in the Campos Basin oil and gas exploration frontier. The system is expected to be ready for service by early 2025.

Why do oil and gas companies need fiber optic networks?

Not surprisingly, the main goal of any fiber optic communication system is to facilitate reliable communications, however, owners have been pushing for networks that also increase safety, automation, and monitoring -- specifically in the oil and gas sector.



## Brazil Fiber Optic solar container communication station Energy Ma



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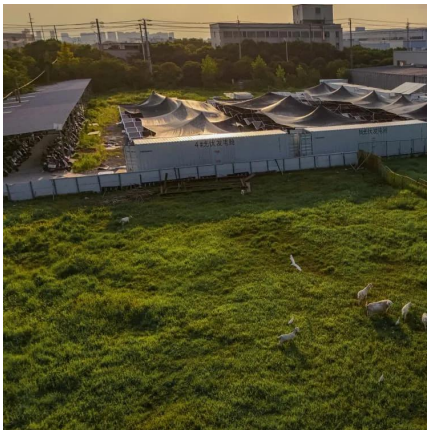
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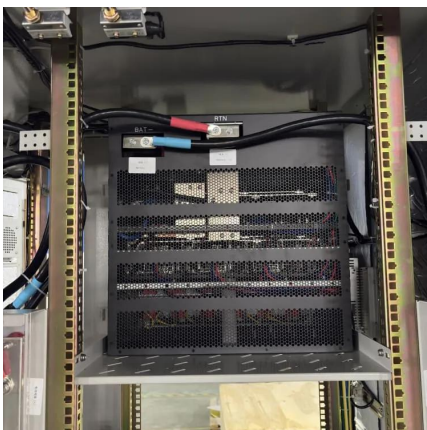


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