

## Ingeteam

## Ingeteam Power Technology - Lista de Referencias

Sector	Year status	Owner Name	Project Name	Site Name	Country	Power	Technology	Technical details	Ingeteam Role*	Ingeteam SOW
CSP	2016 - In operation	ACCIONA	ORELLANA	Orellana La Vieja	SPAIN	50 MW	Parabolic Trough. HTF		E	Improvement and optimization engineering
CSP	2016 - In operation	ACCIONA	ALVARADO	Alvarado	SPAIN	50 MW	Parabolic Trough. HTF	Turbine Siemens. Hybridization 12% natural gas	E	Improvement and optimization engineering
CSP	2016 - In operation	ACCIONA	MAJADAS	Majadas	SPAIN	50 MW	Parabolic Trough. HTF		Е	Improvement and optimization engineering
CSP	2016 - In operation	ACCIONA	PALMA DEL RIO I	Palma del Rio	SPAIN	50 MW	Parabolic Trough. HTF		Е	Improvement and optimization engineering
CSP	2016 - In operation	ACCIONA	PALMA DEL RIO II	Palma del Rio	SPAIN	50 MW	Parabolic Trough. HTF		E	Improvement and optimization engineering
CSP	2016 - In construction	GNP	GOLMUD	Golmud	CHINA	100 MW	Solar Tower. Molten salts		E	Feasibility report
CSP	2015 - In construction	CGN DELINGHA SOLAR ENERGY	DELINGHA	Delingha	CHINA	50 MW	Parabolic Trough. HTF	Thermal energy storage	E	Feasibility report. Conceptual design and basic engineering.
CSP	2014 - In planning	TEKNOSOLAR	BANZI	Banzi	ITALY	50 MW	Parabolic Trough. HTF	Thermal energy storage	E	Basic Engineering. Preliminary engineering for permitting. Feasibility report.
CSP	2014 - In construction	CARGO POWER	GUJARAT SOLAR ONE	Kutch	INDIA	25 MW	Parabolic Trough. HTF	Turbine GE. Thermal energy storage	OE	Owner engineering. Design review

Ingeteam Role \*:

E: Engineering OE: Owner Engineering EPCM: Engineering, Procurement, Construction

P: Procurement Supply COM: Commissioning, OM Supervision EPC: Turn Key

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CSP	2013 - In operation	IBEREOLICA	OLIVENZA	Olivenza	SPAIN	50 MW	Parabolic Trough. HTF	Turbine Siemens. Hybridization 12% natural gas	Ρ	Solar field control system supply
CSP	2013	DATANG ENERGY	ORDOS	Ordos	CHINA	50 MW	Parabolic Trough. HTF	Thermal energy storage	E	Feasibility report
CSP	2012 - In operation	IBEREOLICA	MORON	Moron	SPAIN	50 MW	Parabolic Trough. HTF	Turbine Siemens. Hybridization 12% natural gas	Ρ	Solar field control system supply
CSP	2012 - In operation	ACCIONA	ORELLANA	Orellana La Vieja	SPAIN	50 MW	Parabolic Trough. HTF	Hybridization 12% natural gas	Ρ	Solar field control system supply
CSP	2012	CARGO POWER	Confidential	Confidential	INDIA	60 MW	Parabolic Trough. HTF	Turbine GE. Thermal energy storage	E	Feasibility report. Conceptual design
CSP	2012	FCC	VILLENA	Villena	SPAIN	50 MW	Parabolic Trough. HTF	Hybridization CSP - biomass	Е	Feasibility report
CSP	2011 - In operation	ACCIONA	PALMA DEL RIO I	Palma del Río	SPAIN	50 MW	Parabolic Trough. HTF	Turbine GE. Hybridization 12% natural gas	EPC.COM	Power Block supply. Solar field control system. Project formalities. Conceptual, basic and detail engineering. Power Plant Commissioning
CSP	2011	SUNBORNE	Confidential	Confidential	INDIA	10 MW	Parabolic Trough. HTF	Thermal storage	E	Feasibility report. Conceptual design
CSP	2010 - In operation	ACCIONA	PALMA DEL RIO II	Palma del Río	SPAIN	50 MW	Parabolic Trough. HTF	Turbine GE. Hybridization 12% natural gas	EPC.COM	Power Block supply. Solar field control system. Project formalities. Conceptual, basic and detail engineering. Power Plant Commissioning
CSP	2010 - In operation	ACCIONA	ALVARADO	Alvarado	SPAIN	50 MW	Parabolic Trough. HTF	Turbine Siemens. Hybridization 12% natural gas	OE.COM	Design review. Procurement support. Construction supervision. Commissioning supervision
CSP	2010 - In operation	ACCIONA	MAJADAS	Majadas	SPAIN	50 MW	Parabolic Trough. HTF	Turbine GE. Hybridization 12% natural gas	Ρ	Solar field control system supply
CSP	2010	CIEMAT	PSA	Tabernas	SPAIN		Tower		E	Tower receiver feasibility report

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CSP	2010	CIEMAT	PSA	Tabernas	SPAIN		Thermal storage		E	Study of materials corrosion in molten salts
CSP	2010	IBEREOLICA	VILLALPANDO	Confidential	SPAIN	15 MW	Parabolic Trough. HTF. Fixed-Bed Combustion	Hybridization CSP - biomass	Е	Feasibility report. Conceptual design
CSP	2008 - In operation	ACCIONA	NEVADA SOLAR ONE	Boulder City	UNITED STATES OF AMERICA	64 MW	Parabolic Trough. HTF	Turbine SIEMENS. Hybridization 2% natural gas	OE.E.COM	Basic engineering. Design review. Procurement engineering. Construction supervision. Commissioning supervision
CSP	2007	ACCIONA	ALVARADO	Alvarado	SPAIN	50 MW	Parabolic Trough. HTF	Turbine Siemens. Hybridization 12% natural gas	E	Conceptual design. Preliminary engineering for permitting
CSP	2006	ACCIONA	MAJADAS	Miajadas	SPAIN	50 MW	Parabolic Trough. HTF		E	Conceptual design. Preliminary engineering for permitting
CSP	2006	ACCIONA	CAPARROSO	Caparroso	SPAIN	50 MW	Parabolic Trough. DSG		E	Conceptual design. Preliminary engineering for permitting
CSP	2006	ACCIONA	AYORA	Ayora	SPAIN	50 MW	Parabolic Trough. HTF		E	Conceptual design. Preliminary engineering for permitting
CSP	2006	ACCIONA	TUDELA	Tudela	SPAIN	50 MW	Parabolic Trough. HTF		E	Conceptual design. Preliminary engineering for permitting
CSP	2006	ACCIONA	ALCAZAR DE SAN JUAN	Alcazar de San Juan	SPAIN	50 MW	Parabolic Trough. HTF		Е	Conceptual design. Preliminary engineering for permitting