

Tamarugo PROJECT

Internal presentation - Confidential

Background/Projects summary



*A chilean company, born 3 years ago, with over **63.5 MW** of Renewable Energy under construction and under operation*



Engineering and Consulting



Integral Gestion of Projects



Innovation and Research



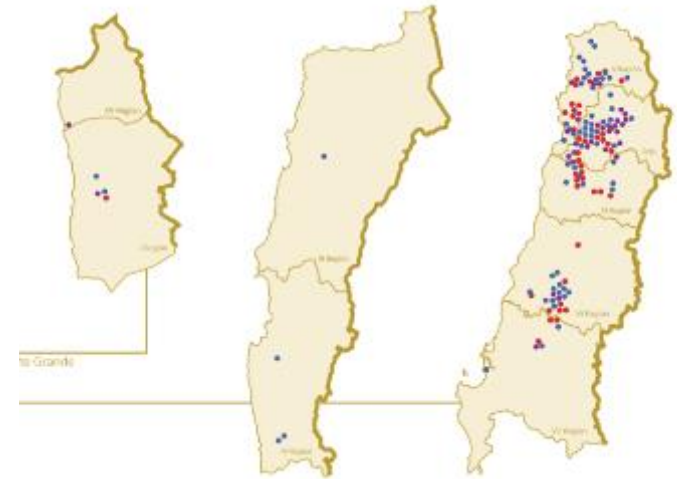
Investment Management



Internal presentation - Confidential

Actually in Chile, Allibera has
experience in:

- **Feasibility and Advice: 286 MW**
- **Development and Permitting: 196 MW**
 - **Self-Consumption: 27 MW**



Project description

- Project Overview

The Tamarugo project is a 3 MWp ground mounted solar power plant, with 1 axis tracker technology.

The project is located in Pozo Almonte , Tarapaca región (I), near Iquique and 1769.3 km from Santiago.

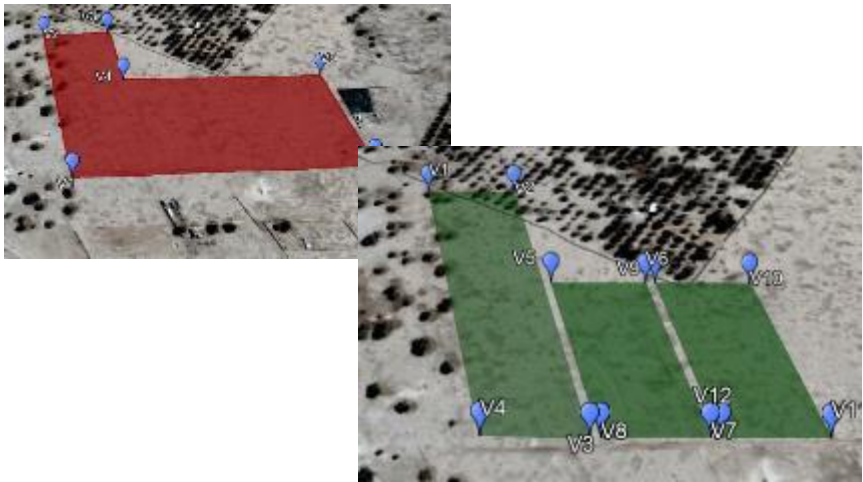
The project will be connected to the 23 kV distribution, located at 1100 meters from the site, the line owned by CGE, the substation is Pozo Almonte 220 and the nearest tronkal node is Pozo Almonte.

The project will be located on a private land of 7,5 ha, the road for access is public . The soil quality is VII.

The mining rights are under a third parties.(Atacama Litium)

Location	
Coordinates	323523.01 m E 6284723.05 m S 19H
Altitude	1000
Area (ha)	7,5
Country	Chile
Region	Tarapacá
City/Village	Pozo Almonte
Distance to nearest accommodation place	Iquique, 55 kms
Distance from Santiago	1769 km from Santiago
Nearest Highway / Distance	A-665

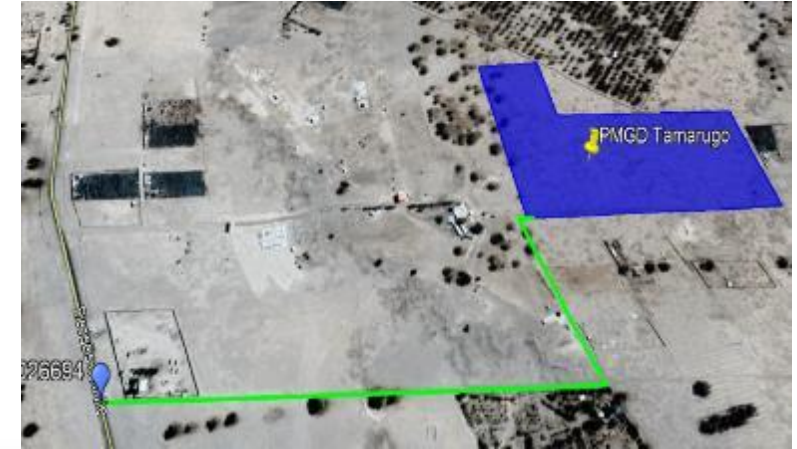
- Macro area of the project



Project description – pictures



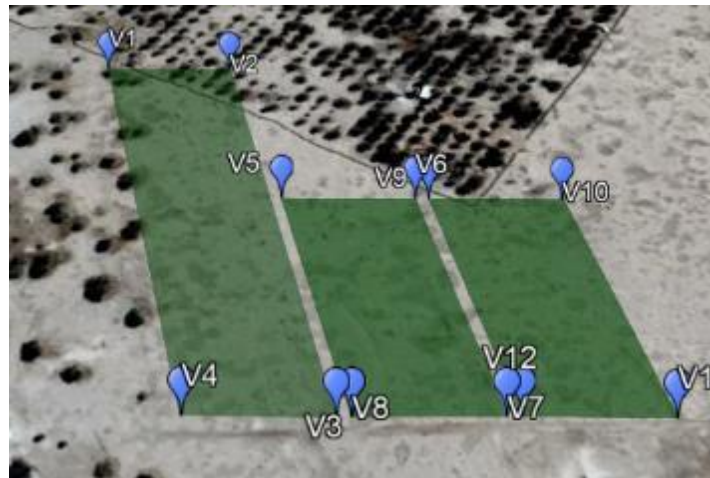
Características eléctricas	
DSO	CGE
Troncal Node	Pozo Almonte 220
S/E	Pozo Almonte 23V
Feeder	Pampino
Voltaje	23 kV
Código estructura de distribución	026694
Distancia entre el Proyecto y el punto de conexión	1100 meters
Distancia proyecto / SE	20 km
ICC Date	September 2018
Power Factor	
Grid reinforcement	
Grid reinforcement required?	Yes, it's necessary



Land

Land Information	
Name	3 lots separados por caminos privados
Rol de Avalúo SII	4326-133 4326-143 4326-150
Surface for sale	7,5 ha
Inscripción en Registro de Conservador de Bienes Raíces	The fusion of the 15 lots into 3 was approved by the DOM and the SII. The registration of the fusion with the real estate conservator is being processed
Land is free of mortgages	Yes

Owner information	
Name	Inmobiliaria Boticelli Ltda
RUT	76.201.825-k
Address	Luis Carrera 1321
Sale Promise information	
Date of signing	20/10/18
General backgroup	
Value of sale	110.795 USD
Area	7,5 ha
duration	undefined



Power plant design and characteristics

Configuración PMGD Tamarugo		
Potencia Nominal [kVA]	3.000,00	
Factor de Potencia	Unitario	-
Potencia Instalada [kWp]	2.996,87	
Número de Módulos	7.587	
Número de Strings	281	
N° de Módulos x Strings	27	
Potencia Módulo [Wp]	395	
Tipo de Estructura	Monofila 2V - Bifacial	
Monofilas 3 Strings	93	
Monofilas 2 Strings	1	
Pitch [m]	10,00	
Combiner Box	12 Strings	22
	9 Strings	1
	8 Strings	1

