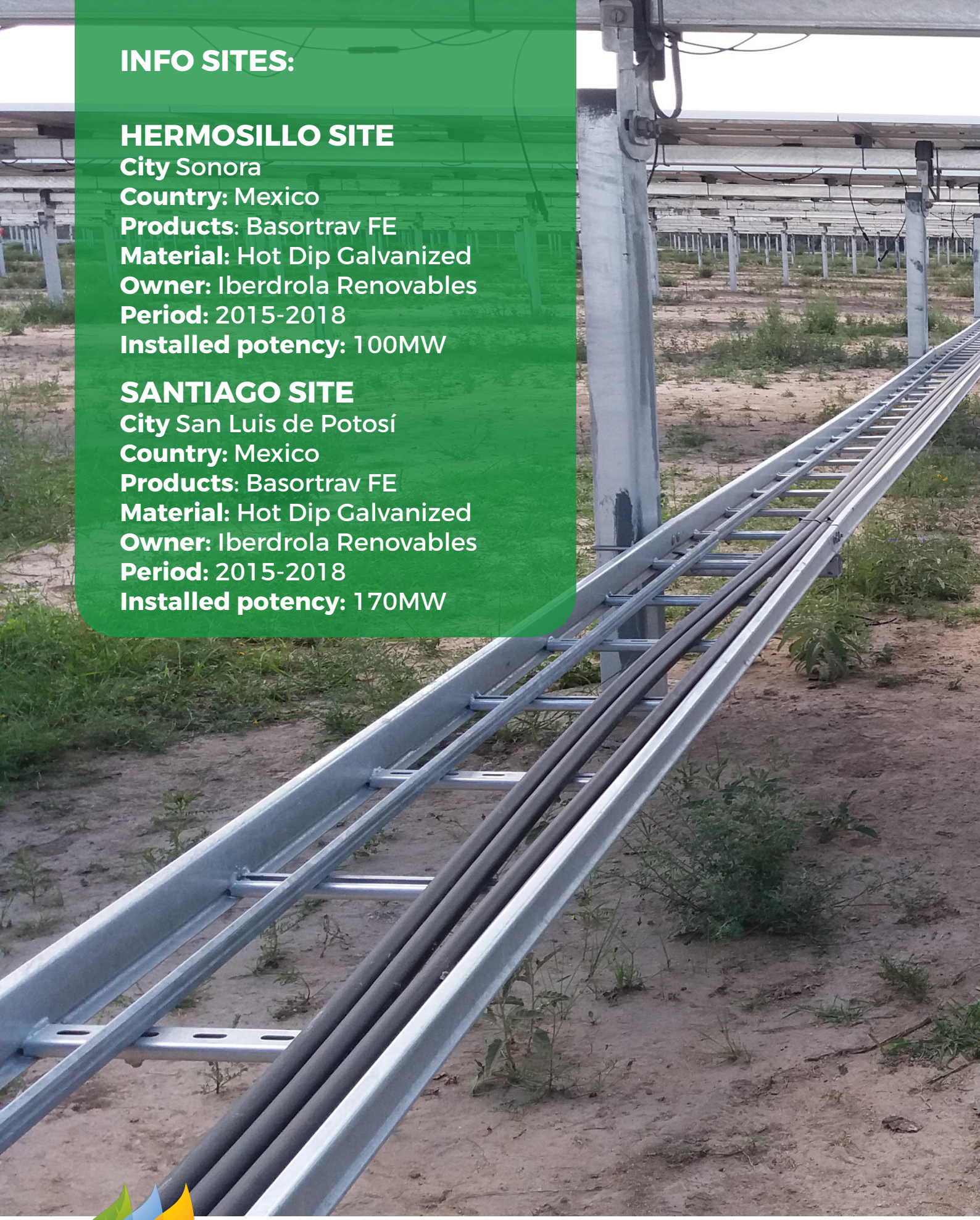
BEBasor
CABLE TRAY SPECIALIST

FE cable ladders installed at photovoltaic plant



INFO SITES:

HERMOSILLO SITE

City Sonora
Country: Mexico
Products: Basortrav FE
Material: Hot Dip Galvanized
Owner: Iberdrola Renovables
Period: 2015-2018
Installed potency: 100MW

SANTIAGO SITE

City San Luis de Potosí
Country: Mexico
Products: Basortrav FE
Material: Hot Dip Galvanized
Owner: Iberdrola Renovables
Period: 2015-2018
Installed potency: 170MW

IBERDROLA RENOVABLES

BE Basor
CABLE TRAY SPECIALIST

1. The company: Iberdrola renovables

Iberdrola Renovables Energía, S.A.U. is a head of business company of the Iberdrola Group headquartered in Spain which performs deregulated activities in generation and commercialization of electric power using renewable energy sources and whose aim, consequently, is to perform all kinds of activities, work and services related to the business of producing and commercializing electricity through facilities that use renewable energy sources, including but not limited to, hydraulic, wind, solar thermal, photovoltaic or biomass production; production, processing and commercialization of biofuels and by-products; and project, engineering, development, construction, operation, maintenance and sale of the facilities listed above, whether self-owned or third-party; analysis services, engineering studies or energy, environmental, technical and financial consultancy, related to this type of facilities.

2. The sites: Santiago y Hermosillo

The company, through its subsidiary Iberdrola México Renovables, is currently building two new photovoltaic power stations in Mexico: Santiago in San Luis Potosí and Hermosillo in Sonora.

The photovoltaic plant of Santiago, located in the state of San Luis Potosí (Mexico), will be the largest photovoltaic power facility built by the company in the world. The new facility will transform the solar radiation of the high plateau of Potosí into electrical energy with over 660,000 photovoltaic modules and prevent the emission of 340,000 tons of CO_2 into the atmosphere every year.

The power station will require an investment of over 250 million dollars and approximately 750 people will participate in the construction works, mainly local workers . When the power station is commissioned in 2018, it will have an installed capacity of 170 MW, generating 460 GWh of energy per year — capable of supplying electricity to 138,000 households —, and it will occupy an area of 750 hectares..

Moreover, **the Hermosillo photovoltaic power station**, found in the northern state of Sonora, will have an installed capacity of 100 MW, generated with 392,940 photovoltaic modules, distributed in an area of 300 hectares. As in the case of the Santiago power station, it is expected to be commissioned by the end of 2018.

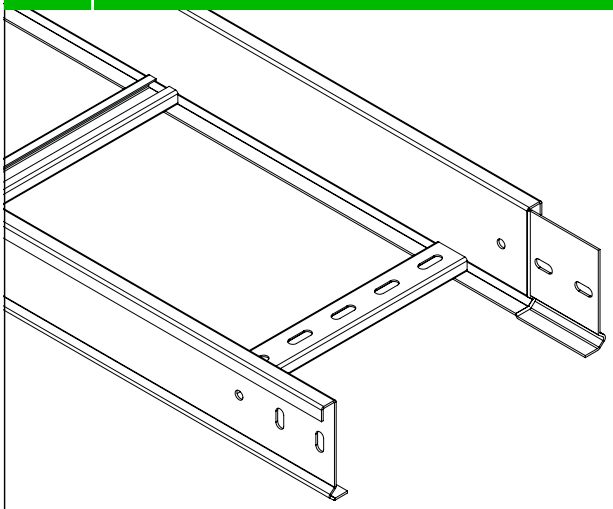
Both photovoltaic power stations are proof of Iberdrola's commitment to renewable energies in Mexico and they contribute to reaching the national clean energy goals defined in the Mexican Energy Transition Act, which establishes the goal of reaching 35% of clean energy by 2025.

The Aztec country meets a series of privileged requirements for the development of photovoltaic power: In geographical terms, it is at a high altitude, so solar panels can operate at lower temperatures. In addition, it is located inside the 'sun belt', where we can find the highest levels of radiation in the world.

In business terms, there is no high concentration of companies specialising in the photovoltaic power sector, but there is a mature solar thermal power industry, with a high degree of acceptance. Iberdrola has taken into account these critical factors before choosing Mexico to develop its two first large-scale photovoltaic power projects and to plan four new photovoltaic power stations in Oaxaca, Tamaulipas, Puebla and Nueva León for 2021.

3. EL producto instalado: Basortrav FE

FE H60



Models (BxH):

100x60; 150x60; 200x60; 300x60; 400x60; 500x60; 600x60.

Material: HDG

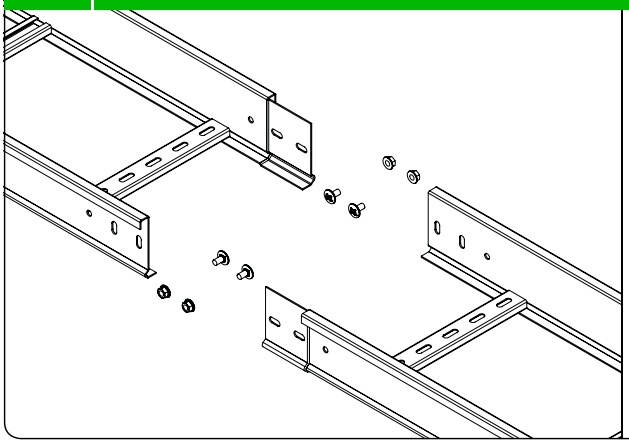
Characteristics of the tray:

- Metallic
- Non-flame propagating component
- System with electrical continuity
- Electrically conductive component
- Minimum temperature of -50 ˚C
- Maximum temperature of 150 ˚C
- With metallic coating; resistance to corrosion:
  HDG coating: class 6
- Impact Strength: 20J

Classification according to free base area:

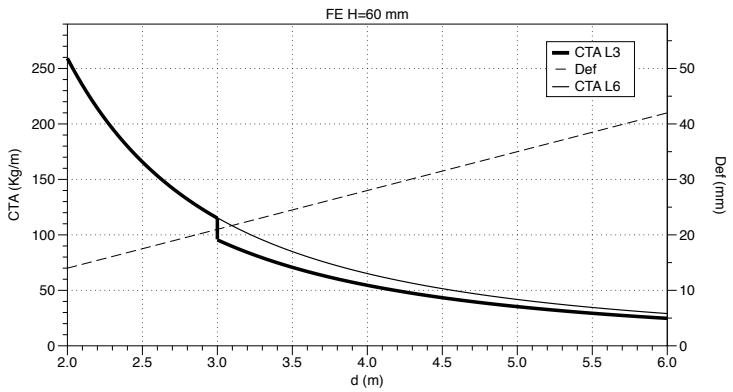
Base	Class
100	X
150	X
200	Y
300	Y
400	Y
500	Y
600	Y

MOUNTING INSTRUCTIONS



- For the set-up of the self-assembly system, 4 B2 Bolt sets and no union joint plates are needed.
- The tray installation for an electrical system should NOT run under other types of canalisations such as water, vapour or gas canalisations.
- To guarantee a good ventilation, we recommend installing the trays keeping a minimum distance of 250 mm between each tray.
- Trays which are placed on supports shall have to keep a gap of 20 mm from the wall to allow for a correct ventilation of the cables.

SAFE WORKING LOAD



4. Some pictures of the installation

4. Some pictures of the installation

BE Basor

CABLE TRAY SPECIALIST

Basor Electric S.A
Avenida Alcodar 45-47
Gandia (Valencia)
Tel.96.287.6695

LinkedIn
Basor Electric S.A

Twitter
@Basorelectric

Youtube
youtube.com/user/
basorelectric

Web
www.basor.com