# **RE Insurance Program and Services.** Photovoltaic Elite network connection.

A solution for the future, including a new Production Guarantee...



Corredores de seguros

## Introduction:

EPG & Salinas' experience:

- + Knowledge in the sector
- + Strive for innovation
- + Insurers' needs in the RE sector. PV network connection.
- = Coverage that minimizes the risks and maximizes the investment.

### **RE Insurance Program and Services. PV Elite Network Connection.**



# Introduction:

### **RE Insurance Program and Services. PV Elite Network Connection.**

All contingencies for your facility covered, an insured investment, including the plant's production and an insurance brokerage team specialized in the PV sector at your service.

... and all at a competitive price.

### **Property damage insurance:**

Losses, third party liability and stop in production due to damages.

Legal expenses insurance: Legal Protection.

New production guarantee: Your kWh guaranteed.

Are you interested in our offer?





EPG & Salinas and the photovoltaic solar energy market.

- We have extensive experience in managing RE facilities' PV network connection losses.
- We work with clients of all sizes and positioning in the sector's value chain.
- We strive for constant innovation.



# EPG & Salinas and the photovoltaic solar energy market.

# Our experience:

### 2008:

More than 100 Mw insured in assembly. More than 100 Mw insured in plant.

### 2005:

### Global program for PV solar network connection.

- Guarantee of quantities delivered to account
- Storage
- Sea and land transport
- All risk for assembly
- Plant insurance: property damage, third party liability, loss in production and legal protection.
- Third party liability for developer, contractor, subcontractor, designer and building site management.

**1996-2000-2003-2006:** *Prosol* Order from the Andalusia region (*Junta de Andalucía*)

### 1986:

Joint Order between *Junta de Andalucía*-c.e.e. Rural PV electrification program.

And more than 200 Mw in our portfolio ....



Our RE Insurance Program and PV Network Connection Services. Property Damage Insurance.

## Basic coverage:

- Fire
- Explosion
- Lightning
- Extinction and clearance of rubble costs

### Extended risk coverage:

- Acts of vandalism or malicious action
- · Rain, wind, hail, snow, freezes
- Water damage
- Smoke
- Collision of land vehicles
- Falling spacecraft and aircraft
- Sonic waves

## Machinery breakdown:

Includes electrical damages and panel breakage from whatever cause.

Theft and spoliation, robbery and attempted robbery damages.



# Our RE Insurance Program and PV Network Connection Services. Property Damage Insurance.

### Stop in production due to damages:

•Basic coverage, extended risk coverage, machinery breakdown, theft and spoliation.

•Profit loss due to damages in the power line and electric power substation of the company in which the facility is connected. Profit loss option

## *Indemnity option for KWp:* Indemnity quantity: 3,75 €/day/Kwp\*

\*(Autonomous regions of Andalusia, Canary Islands, Murcia and Extremadura. For the rest of the regions, please consult the indemnity ratios.)

Liability insurance, employers association and damages to the energy recipient. Up to  $3,000,000 \in$  of insured sum (extendable up to  $6,000,000 \in$ )





Our RE Insurance Program and PV Network Connection Services.

Legal expenses insurance.

Legal assistance by telephone.

# Insurance agreements for photovoltaic facilities:

Insurance policies for your facility include defense and claims for breach of contract. Fees for contradictory specialist's reports.



Our RE Insurance Program and PV Network Connection Services. Legal expenses insurance.

### **Defense for administrative matters.**

Such as regulations, by-laws and other orders and laws regarding the facilities, cleaning, repairs, etc. (includes legal action for disputes with administration).

### Additional guarantees available...

Claims for non-payment from the electric power distribution company.

Claims on outstanding fees.

Defense and claim on the rental agreement.





New Production Guarantee: your kWh guaranteed



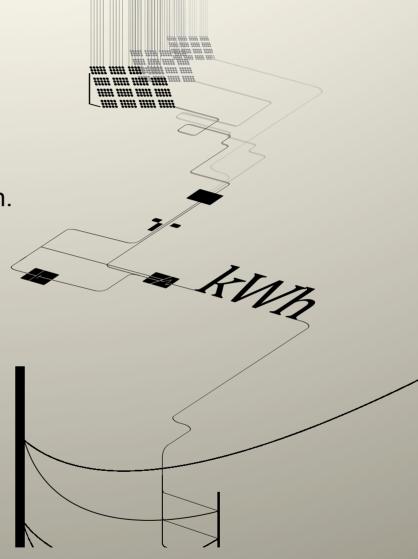
What does this entail?

It guarantees a loss in actual production with respect to the guaranteed production.

Forecasted project production: 2,053.77 kWh/kWp

Guaranteed production: 2,020.81 kWh/kWp

Actual production: ¿¿¿??? kWh/kWp





What coverage does the Production Guarantee offer? The production of a PV solar energy facility with network connection is conditioned by two main factors: the quantity of **Radiation** that reaches the PV module surface and the **Facility Performance**.

**Production Guarantee** 

Sun

**Facility Performance** 



# **Insurance Risk**

The Production Guarantee complements the damages covered in the policy and guarantees the kWh of your facility for unforeseen loss in performance and/or due to a decrease in effective radiation on PV modules with regard to the predicted values.

### **Facility performance**

Peak tolerance losses Temperature losses Shade losses Losses due to lack of maximum power point tracking Wiring losses Dirtiness losses Mismatch or connectivity losses Inverter performance losses Angular and spectral losses Availability losses due to technical failure and/or maintenance

Irradiance losses

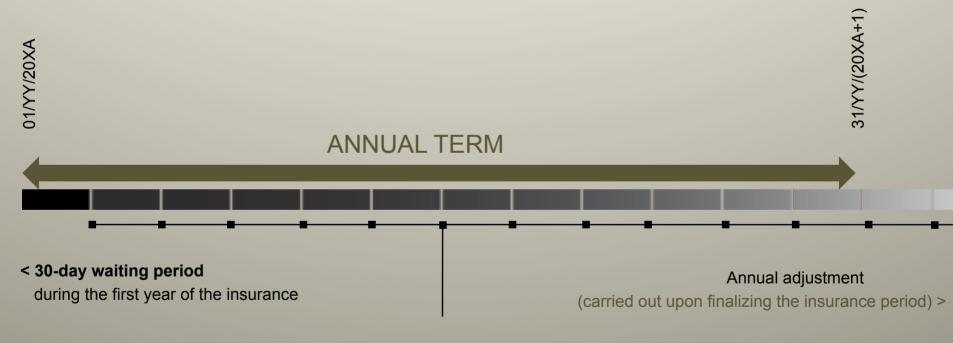
Any other cause not classified as an excluded risk

The program guarantees that the modules will perform to at least 95% capacity and covers the economic loss suffered by the insured.



How does it work?

The insured: owner of a photovoltaic facility.



Monthly production notices



# **Claim settlements**

### Indemnity:[(GP x T)\*95,00%] – [(Ap x T) + L1 + L2]

(GP): Guaranteed Production (kWh)

(AP): Actual Production (kWh)

(T): Energy sales tax (in accordance with applicable rules)

(L1): Payment made by any insurance entity as an indemnity for losses resulting from a stop in production due to property damage ( $\in$ ).

(L2): Indemnity of whatever nature carried out by the electric company ( $\in$ ).

(P1): First insurance annuity, provided that the Actual Production during the 30day waiting period is less than the Guaranteed Production during the waiting period.



The advantages of the RE Insurance Program and PV Network Connection Services...

## Broad coverage for property damage, third party liability and stop in production.

Our R&D/Innovation Department allows us to continue improving the policies' conditions and coverage for RE facilities for network connection. Legal expenses insurance for your facility provides defense against faulty non-payments, administrative matters and issues related to the rental agreement of the land...



The advantages of the RE Insurance Program and PV Network Connection Services...

With the new Production Guarantee, we insure your facility's production.

Your kWh guaranteed, your investment guaranteed...



The advantages of the RE Insurance Program and PV Network Connection Services...

EPG y Salinas, S.L. has extensive experience in insurance brokerage, especially in the RE photovoltaic sector. We have broad experience in managing the losses that can affect your facility and knowledge of the sector that allows us to constantly innovate our services.



The advantages of the RE Insurance Program and PV Network Connection Services...

All of the coverage that your PV solar energy facility needs for network connection backed by an organization with brokerage professionals at your service.

### In addition:

- •It will allow you to better control and monitor your facilities.
- •It will allow you to negotiate the financing conditions for your facilities.
- •It will allow you to offer increased guarantees to your investors.





**Insurance Brokers** 

E.P.G. y Salinas, S.L., Correduría de Seguros (insurance brokerage) with CIF B-14570568 and registered office at C/ Andrés Barrera, s/n - 14014 Córdoba, SPAIN. Registered in the Registry of the Directorate General for Insurance and Pension Funds, with code J-2105 and third party liability insurance and surety insurance in accordance with Law 26/2006, dated July 17th, governing Private Insurance and Reinsurance Brokerage.