

## HIGH TENSION PYLONS – I.C.E. – COSTA RICA

**I.C.E. - Instituto Costarricense de Electricidad** (English: Costa Rican Institute of Electricity) is the Costa Rican National Grid and telecommunications services provider.

After thorough evaluation, **ICE** decided to start protecting their high tension pylons with **ZINGA** to protect them against corrosion.

More than 250 complete towers are already protected by **ZINGA**.



In 2009 they conducted a test with **ZINGA** as unique system for the above-ground parts and with a **ZINGA + ZINGATARFREE** system for the underground parts.

(**ZINGATARFREE** is more resistant to chemicals that may be in the ground)

In 2010, they decided to include **ZINGA** in their maintenance program for all their power pylons and transmission antennas.



In 2017, 30 pylons, and in 2019, 100 pylons, were inspected and the National Grid **ICE** concluded that the towers coated with **ZINGA** were found to be in very good condition. (pictures below)



To date, **ICE** still uses **ZINGA** to maintain its power pylons and transmission antennas.

### System:

Above ground:

ZINGA

2 x 60 µm DFT

Under ground:

ZINGA

1 x 60 µm DFT

Zingatartree

1 x 80 µm DFT