

2021 Reduction of Energy Distribution Losses (1st Phase)

- The purpose of this project is to reduce energy losses in two scopes. The first to non-technical losses associated to the lack or unreliable measurement readings on the energy consumption. The second one is associated with the reduction of technical losses caused by the lack of maintenance and modernization of the distribution networks. Additionally, it will help to reduce the electrical operational cost.
- This phase will be implemented in the South Central region, which will benefit the State of Morelos.

Project Details:

- This project includes the engineering, the supply of all material and equipment, spare parts and special tools, the construction and electro mechanical works, quality assurance, testing, training and commissioning.
- This project will consist of the construction and installment of two energy losses works. The first one includes the supply and installment of 16,048 AMI type meters, which will use free communication technology and 957 distribution transformers with a total capacity of 11.74 MVA. The second work includes a distribution line at 23 kV with a total length of 37 circuit kilometers (ckm).
- The estimated project implementation time is 12 months.

Geographic Location:

State of Morelos



Relevant Facts:

Estimated Investment: **12 million** U.S. dollars

Meters:	16,048
Pre-bid Docs Publication:	May 14, 2015
Final Docs Publication:	June 11, 2015
Proposals Filing:	September 18, 2015
Awarding of Contract:	September 29, 2015
Commercial Operation:	October 2016