



Category: Energy, Cleatech, Smart Grid, AMR/AMI systems

Sub Category: Smart Grid, Smart Metering, Energy Efficancy, Load Management, EV Charging, Prepayment systems

www.powercom.co.il

Company profile

Smart Meter/Smart Grid Solution provider offering AMR/AMI.

Date of establishment: 2006

No. of employees: 25

Background on the company

Formally "Flextronics Design" team.

Examples of past projects

Installations in Europe, Africa, Asia and South America.

Smart Metering installations with the IECo (Israeli Electric Company), EDP (Energie De Portugal), AngloGold, Scaw Metal, Municipalities, ESCo companies, Hotels, Schools, Industrial and Commercial customer, and Energy Distribution providers.

Technology & product(s)

General description:

Powercom is a "Smart Metering/Smart Grid" company. The company offers (AMI) Advanced Meter Infrastructure for Electricity, Water, and Gas. PowerCom develops and produces "Smart meters"; Concentrators and powerful web server software to support its customers. The system's intellectual property is based on a Dynamic PLC (Power Line Carrier) technology. Over the last two years, PowerCom has been successful in implementing the world's first most advanced, reliable and secured PLC communication. The breakthrough is achieved by developing Dynamic PL communication algorithms (based on software and hardware) which allows data transmission at any grid line infrastructure. PowerCom solution is based on real time monitoring of the power line behavior and adopting its data transmission to the existing conditions.

Function of the product(s):

Powercom technology allows real time readings from any smart meters at a distance of up to 2Km of electricity wires (Aluminum/Copper), at any world location in seconds. The system speed has been tested in different environments and Locations, and the results are excellent. The system is fully working and already deployed in more than 100 sites. Powercom is in final stages of developing the "Smart Meters" for the US market based on multiple communication platforms.

Objectives / Target companies

Utilities, Energy Distribution companies and project integrators.