



Africa's Power, our Business





MEV Energy System got established out of a partnership between: **PLC System (Italy) & Mev Electrical Contractors (South Africa)**

Both entities brought into the partnership an extensive amount of experience in electrical field to take part in the renewable energy space, bringing fresh energy in Africa.

M.E. Contractors **Mev Electrical Contractors** was established in 1997 in response to new opportunities identified in the electrical field.

The company started by managing small projects, and it has grown to such an extent over the years that the annual turnover is now more than TWENTY MILLION RAND and it became **ESKOM ACCREDITED VENDOR**.

OUR MISSION



- To provide electrical construction, maintenance and repairs for electrical utilities in R.S.A. and SADC region.



OUR VISION



- Self sufficiency;
- To be the preferred service provider within electrical industry;
- Continuous improvement through new technology;
- Part of African rebirth.



OUR VALUES



- Safety & Quality First;
- Innovation;
- Customer service;
- On time delivery.



As a company we are responsive to Black Economic policies, and therefore we have a joint shareholding amongst black and white shareholders. The members have various competencies integral to the growth of the company.

In line with South Africa's national policies of redressing previous inequalities, we are committed to deracialising the workplace, managing diversity and gender issues and ensuring good corporate governance. It is therefore a primary goal of the company to train and

empower members to the middle and senior management of the company. It is also recognized that the electrical engineering field is still experiencing a great shortage of black and female professionals.

It is one of MEV ENERGY SYSTEM objectives to assist in bringing more black and female engineers into the industry through the skills development plan. As management of M.E. Contractors, we are committed to making our company a truly South African entity.





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WHAT DO WE DO?

- Renewable energy plants & substations (EPC);
- Interconnection electrical station (between generation plant & power grid);
- HV electrical station – Eskom;
- Civil & Electrical works Erection of steel work – Equipment;
- Supply & Installations - Testing & Commissioning;
- Design, supply, installation & commissioning of protection & metering panels;
- Power lines construction;
- SCADA system for remote control of power generation plant & substation, designed also as Eskom Interface;
- Urban and rural Electrification (including customer connections);
- InfraRed scanning on electrical networks;
- Underground Cable installations;
- Individual customer meter installations;
- Transformer installations, transportations and relocations (up to 80MVA);
- Installations of Street and Area lighting;
- Traffic Signals;
- Installation of low voltage distribution networks, both overhead and cable, complete with all ancillary equipment (MV/LV cabin, switching stations, branch boxes, etc.);
- Systems for the production and distribution of renewable energy;
- Analysis of user's energy consumption and the conditions causing it;
- Optimisation of the existing systems;
- Transformation and interconnection stations;
- Telephone lines and associated works;
- Technological and special installations;
- HV/MV 420245170KV substations;
- Thermographic measurements;
- Maintenance, Full Service for Wind Farm and Photovoltaic Plant;
- Remote control systems for Wind Farm and Photovoltaic Plant;
- Control panels for stations, power stations, distribution centres and air insulated distribution cabins, to standard modular design or to individual projects developed according to customers' specific technical needs;
- Low Voltage panels for standard or special designs, power control centres, motor control centres and automation;
- Measurement and protection panels for electrical energy production, transformation and distribution systems;
- Wiring.

WHAT ARE WE DOING NOW?

- We are building the Electrical Substations for the largest Solar Farm in SOUTH AFRICA
- We are currently busy in building the largest PV Plant in South Africa (Solar Capital - De Aar Project, 2x90 Mwp);
- We are currently constructing the Balfour switching station in Mpumalanga;
- Paulshof, Edenvale industries, Rosh-step substations extension.

PLC System srl, INDUSTRIAL ELECTROTECHNICS AND ELECTRONICS has its headquarters in Acerra (NA) – Zona ASI Loc. Pantano ITALY.

It is equipped with the latest generation processing and verification systems, uses cuttingedge techniques, and operates in both the energy and in the highly specialised industrial plant engineering sector.



PLC System was established in 1996 and it was one of the first Italian company to response to new opportunities in the Renewable Energy Sector. The company started as subcontractor for international company as ABB, Siemens etc. and in few years PLC became direct contractor.



During the last 16 years, PLC System built and connected to the grid:

- 206 Power Station
- 49 Wind Farm and
- 56 PV Plants

for a total of 3000 MW.



PLC System established in 2006 a new company **PLC Service** to response the high Operation & Maintenance for the plants in operation, and at today it has 60 substations, 30 WF and 25 PV for a total of 1200 MW. The control room is in operation 24 hours for 365 days for year.

OUR STORY



OUR WORK



OUR SERVICE





We are an ESKOM approved Company (vendor)
for electrical substations construction,
maintenance and repairs



BBBEE Compliance

We are a BBBEE certificated company



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