OUR SERVICE AT A GLANCE

OFF-GRID

- High resolution load curve measurement and analysis
- Site potential assessment (e.g. Wind, Solar, Bio, ...)
- Economic efficiency analysis of hybrid power plant architectures with focus on substitution of conventional energy sources through renewables
- Service provision from consulting to turn-key operational systems
- Training and qualification of service and installation staff

ON-GRID

- High resolution measurement of load curves for energy efficiency optimization and peak load shaving for industrial applications and infrastructures
- Process chain optimization to reduce primary energy consumption
- Substitution of fossil energy sources through renewables for main and backup operation
- Innovative facility design for self-consumption energy generation systems and energy storage systems

OUR PRODUCTS AT A GLANCE

MC SYSTEM SERIES

- Utility scale power supply systems for off-grid application, easy to carry plug and play units with mainly renewable power generation and low operational expenses

XS-DCC SERIES

- Small scale power supply systems for back up and off grid operation to secure a stable power supply with mainly renewables

SA-DCC SERIES

- Off grid power supply systems for individual applications like irrigation systems, ,pumping systems and air conditioning to avoid infrastructure measures in remote applications

DP/DC SYSTEMS

- Controller infrastructure to reduce fossil fuel consumption in isolated power networks by implementing renewables, also available for parallel operations with Hydropower Turbines

DISTRICT AND REGIONAL INFRASTRUCTURE SOLUTIONS

- Ramp filters (energy storage systems) to stabilize power distribution networks with high shares of renewables connected

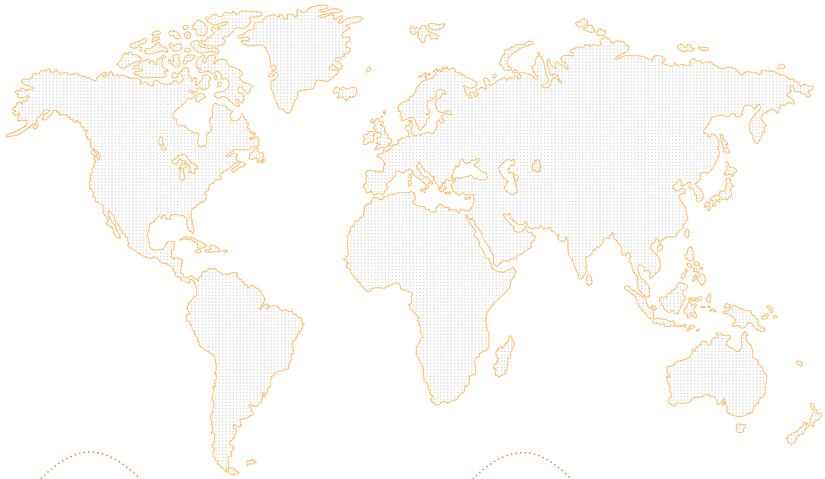
CHARGING INFRASTRUCTURE FOR E-MOBILITY

THERMAL WATER TREATMENT SOLUTIONS

- to utilize waste heat or ambient heat potentials

Headquarters in Großschirma/Germany

In the tradition of German engineering, we develop customized solutions for the challenges you face in terms of power supply and efficient use of energy



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EAB OFF-GRID DIVISION

selfsustainable power supply systems
energy efficiency solutions
hybrid generation infrastructure

NEW ENERGY GMBH

1 energy efficiency measurements
2 visualisation of “MC 30-3“ system
3 Vietnam: construction of a small wind turbine (6kW)
4 packing of 2 “MC 30-3“ systems into a 20 ft container for shipping
5 “MC 200“ system under construction
6 visualisation of “MC 200-3” system with customized housing
7 Brazil: demonstration and education center for renewable energies at PUCRS university
8 high resolution load curve measurement
9 Tanzania: DP/DC Controller
10 Tanzania: repair of a 60 kW Osberger hydropower turbine
11 Vietnam: Off-Grid energy supply system including PV, wind, and seawater desalination
12 Test of “SA-DCC” – solar powered irrigation system
13 Training of distribution and service partner for the South-East-Asian market
14 Charging Station for E-Mobility
15 Tanzania: installation of PV panels for backup system for hospital


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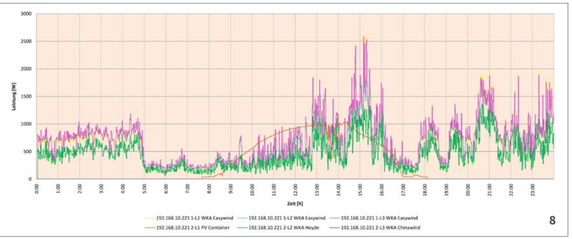

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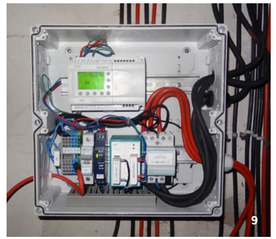
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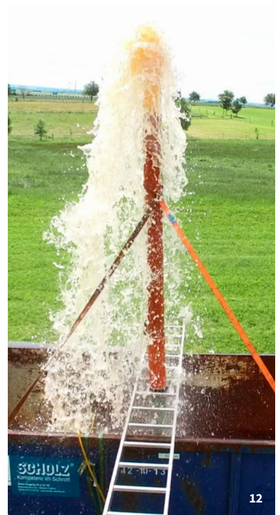
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