

DEIF Newsletter

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Get smart – stop energy overconsumption and start saving money

This edition of DEIF's newsletter focuses on smart metering and the two most important reasons why smart metering is relevant to you: time and money.

Why DEIF's smart meters make sense

As a company with strong green fundamentals we are as always eager to contribute with our expertise in the development of smart energy solutions. Smart meters are among our most recent product offerings in this category.

A smart grid relies on smart meters in order to be operational. DEIF's smart meters are more advanced than traditional meters and record power consumption in more detail. Additionally, they communicate the registered data via networks to a data processing facility for monitoring and analysis. On the following pages, you will find more information on why our smart meters make sense.

How a smart grid works

Smart grids deliver power from suppliers to consumers in ways

that save energy, reduce cost and increase reliability. The smart grid concept is widely hailed as one of the most pragmatic ways to reduce energy dependence and minimise climate change.

When power is least expensive a smart grid will start up factory processes able to run at arbitrary hours. Conversely, at peak hours the smart grid will turn off selected functions to reduce demand.

Content

Smarten up your power act

How DEIF controllers will optimise your power production on page 2.

What is in it for you?

DEIF's brand in brief on page 2

Why waste it?

Keep your energy under control. See how on page 3.

Smart gen-set solutions ensure optimum power production

How DEIF controllers can help you route your power.

Changes in the environment, power supply market or business sector may occasionally motivate changes to the overall power flow: calm weather can, for instance, cause wind turbines to generate less power, falling prices may lead to a peak in

power demand, or temporary shutdowns of industrial facilities may cause local power consumption to drop.

When such changes occur, it is essential that your power production facility has the capability to respond. Gen-set controllers from DEIF provide you with that capability:

- TCP/IP communication gives you worldwide access and control
- Automatic modes ensure simple operation. No manual interaction is necessary.
- Premium quality solutions and extensive application experience with unparalleled reliability.

To find the smartest gen-set solution for your power production purposes, please contact Claus T. Larsen, ctl@deif.com, +45 9614 9661.



What you can expect from the DEIF brand



From Chongqing, China, to Talcahuano, Chile – DEIF continuously seeks to improve our high standards of quality.

At DEIF, we want to meet our customers with the same reliable and competent approach regardless of continent, country or county. We want to ensure that our customers can rely on the same uniquely high standards of service, support and technical solutions – no matter where in the world they operate.

We go about this task in a number of ways. One is to organise seminars and programmes at our head office in Denmark. From 6-9 April, new sales employees from our subsidiaries around the world participated in our sales education programme.

From 12-16 April, distributors and colleagues – also from our subsidiaries – took part in our annual marine seminar.

Have our efforts to ensure a consistent global customer approach proved successful, then? This is for you to decide. But we want to leave you in no doubt that it is a major focus of our attention and we consider it one of our key competition parameters.

Therefore, if you have any comments, ideas or suggestions that will help us improve our global customer service and performance, do not hesitate to let us know. You can reach us by contacting your local DEIF representative from our website at www.deif.com, or send us a message at info@deif.com.

When, how and for what are you using your energy?

Cut your operating expenses – manage your consumption of time and power with the energy meter, MIC-2.

The MIC-2 is an ideal multi-instrument for monitoring and controlling your power distribution systems. That is why it is part of DEIF's smart metering concept. The MIC-2 meets almost any demand for efficient communication

and integrates hassle-free into nearly all applications. Our free utility software offers complete data logging allowing for swift and straight forward analysis.

Using flexible communication such as RS485 Modbus, Profibus or Ethernet TCP/IP you will be able to control and monitor power consumption of your applications from locations all over the planet. Our Ethernet

TCP/IP communication module allows you worldwide access to real-time measurements via a web browser. Up to two I/O modules can be used offering a mix of the following functions: analogue input, digital input, digital output, pulse output and relay output.

You can also programme up to 16 different alarms with an unlimited number of

parameters. If any parameter input exceeds or falls below the set value for a longer period than the specified time interval, it will trigger the output and the event is recorded with a time indication.

For more information about the MIC-2, please see www.deif.com or contact product manager Claus Jensen, cjn@deif.com, +45 9614 5759.



No thank you. If you do not want to receive this newsletter in future, please send an email to newsletter@deif.com.