

RECP Best Practices Catalogue

*Equip variable load motors with electronic
speed controllers*

Developed within the framework of MED TEST II



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



The SwitchMed Programme is
funded by the European Union

Best Practice - Equip variable load motors with electronic speed controllers

SECTOR:	Chemical and Pharmaceutical
Branch:	Manufacture of basic chemicals
CATEGORY	Technology upgrade/Eco-innovation
APPLICABILITY	Utilities

COMPANY SIZE	493
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Description of the Problem (Base Scenario):	Low capacity production provokes reduced efficiency during the operation of some motors
Description of the Solution	The solution is to install electronic speed controllers on the motors



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Economic Gains	€ 58,000
Environmental Gains	Energy Savings of 935 MWh (3.65%)
Health and Safety Impact	-

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Capital Investments & Financial Indicators	€ 176,000
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	Time for Return on Investment: 3 years
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Supplier Information	-
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Other Aspects	-
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Implementation	Planned measure
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