



Energy efficiency measures at TRUMPF

Company: TRUMPF SE & Co.KG // Responsible: Corporate Sustainability // Update: July 25

Implementation plan for fiscal year 23/24: Σ 8,061 MWh/a

Description	Medium	Implementation in FY	Status	Locations	Responsible	Expected savings (MWh/year)
Optimization of lighting	Electricity	23/24	Implemented	Schramberg Grüsch Ditzingen Haguenau	Building operation	271
Optimization of cooling	Electricity	23/24	Implemented	Schramberg	Gebäudebetrieb	221
Adjustment of process water temperatures	Electricity	23/24	Implemented	Taicang	Produktion	115
Optimization of the dusting process	Electricity	23/24	Implemented	Taicang	Produktion	27
Modernization of process water pumps	Electricity	23/24	Implemented	Neukirch Ditzingen	Gebäudebetrieb	378
Standby-by management in qualification	Electricity	23/24	Implemented	Ditzingen	Produktion	2,724
Optimization of cleaning system	Electricity	23/24	Implemented	Ditzingen	Produktion	48
Increasing space efficiency	Electricity	23/24	Implemented	Ditzingen	Bau	2,003
Optimization of Processing Machines	Electricity	23/24	Implemented	Hettingen	Produktion	142
Heat recovery	Heat	23/24	Implemented	Ditzingen Freiburg	Gebäudebetrieb	1,606
New production building	Heat	23/24	Implemented	Hettingen	Bau	526

Implementation plan for fiscal year 24/25: Σ 5,206 MWh/a

Description	Medium	Implementation in FY	Status	Locations	Responsible	Expected savings (MWh/year)
Base Load Reduction Machines	Electricity	24/25	Implemented	Pasching	Production	52
Optimization of building management systems	Electricity	24/25	Implemented	Pasching	Building operation	74
Optimization of lighting	Electricity	24/25	Implemented	Schramberg Lonigo Ditzingen	Building operation	584
Optimization of process water distribution	Electricity	24/25	Implemented	Schramberg	Building operation	6
Modernization of ventilation technology	Electricity	24/25	Implemented	Lonigo	Building operation	48
Standby-by management in qualification	Electricity	24/25	Implemented	Ditzingen	Production	1,266
Use of free cooling	Electricity	24/25	Implemented	Ditzingen	Production	48
Modernization of process water pumps	Electricity	24/25	Implemented	Ditzingen	Production	360
Increasing space efficiency	Electricity	24/25	Implemented	Ditzingen	Real Estate	1,338
Use of e-mobility	Electricity	24/25	Implemented	Grüsch	Fleet Management	59
Heat recovery	Heat	24/25	Implemented	Baesweiler	Building operation	22
Electric water heating	Heat	24/25	Implemented	Schramberg	Building operation	88
Heat recovery	Heat	24/25	Implemented	Schramberg Baesweiler Ditzingen	Building operation	1,032
Optimization of air curtains	Heat	24/25	Implemented	Pasching	Building operation	128
Optimization of the drying process of painting	Heat	24/25	Implemented	Pasching	Production	101

Implementation plan for fiscal year 25/26 : Σ 4.162 MWh/a

Description	Medium	Implementation in FY	Status	Locations	Responsible	Expected savings (MWh/year)
Optimization of ventilation control	Electricity	25/26	Open	Lonigo	Building operation	13
Optimization of lighting	Electricity	25/26	Open	Lonigo Baesweiler Neukirch Ditzingen	Building operation	209
Optimization of Filter Fan Units	Electricity	25/26	Open	Baesweiler	Building operation	25
Base Load Reduction Machines	Electricity	25/26	Open	Pasching	Production	34
Modernization of coolant pumps	Electricity	25/26	Open	Pasching	Production	40
Repair of compressed air leaks	Electricity	25/26	Open	Pasching	Production	40
Reduction of compressed air tape	Electricity	25/26	Open	Teningen	Building operation	1,395
Use of e-mobility	Electricity	25/26	Open	Neukirch	Fleet management	42
Shutdown Management Development	Electricity	25/26	Open	Ditzingen	R&D	200
Modernization of production plants	Electricity	25/26	Open	Ditzingen	Production	49
Heat recovery	Heat	25/26	Open	Baesweiler	Building operation	10
Optimization of wood chip heating	Heat	25/26	Open	Pasching	Building operation	70
Reuse process water	Heat	25/26	Open	Pasching	Production	70
Heat recovery	Heat	25/26	Open	Baesweiler Ditzingen	Building operation	1,885
Optimization of heating control	Heat	25/26	Open	Teningen	Building operation	80

Subsidiaries included in the implementation plan:

Location	Subsidiary
Ditzingen	TRUMPF Lasersystems for Semiconductor Manufacturing SE TRUMPF Werkzeugmaschinen SE + Co. KG TRUMPF Laser- und Systemtechnik SE TRUMPF Immobilien GmbH + CO. KG TRUMPF Werkzeugmaschinen Deutschland Vertrieb + Service GmbH & Co. KG
Freiburg	TRUMPF Hüttinger GmbH + Co. KG
Neukirch	TRUMPF Sachsen SE
Liberec	TRUMPF Liberec, spol. s r.o
Lonigo	TRUMPF Macchine Italia s.r.l.
Southampton	TRUMPF Laser UK Ltd
Hettingen	TRUMPF Werkzeugmaschinen SE + Co. KG
Teningen	TRUMPF Werkzeugmaschinen Teningen GmbH
Schramberg	TRUMPF Laser SE
Baesweiler	INGENERIC GmbH
Pasching	TRUMPF Maschinen Austria GmbH + Co. KG
Grüsch	TRUMPF Schweiz AG
Warschau	TRUMPF Huettinger Sp. z o.o.
Haguenau	Trumpf Machines Sarl
Taicang	TRUMPF China Co., Ltd.