Steam Turbine & Generators

Spares

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14th September 2023 | STG Customer Days @ NBG



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Spares

Why buy spares from the OEM?

Access to original drawings and tools

We can produce parts with close clearance to the turbine requirements – improving the equipment lifetime and availability

Best in Class, Quality Spares

Spares manufactured to precision from years of expertise

Variety of supply agreements

We can tailor to every unique needs of the customer

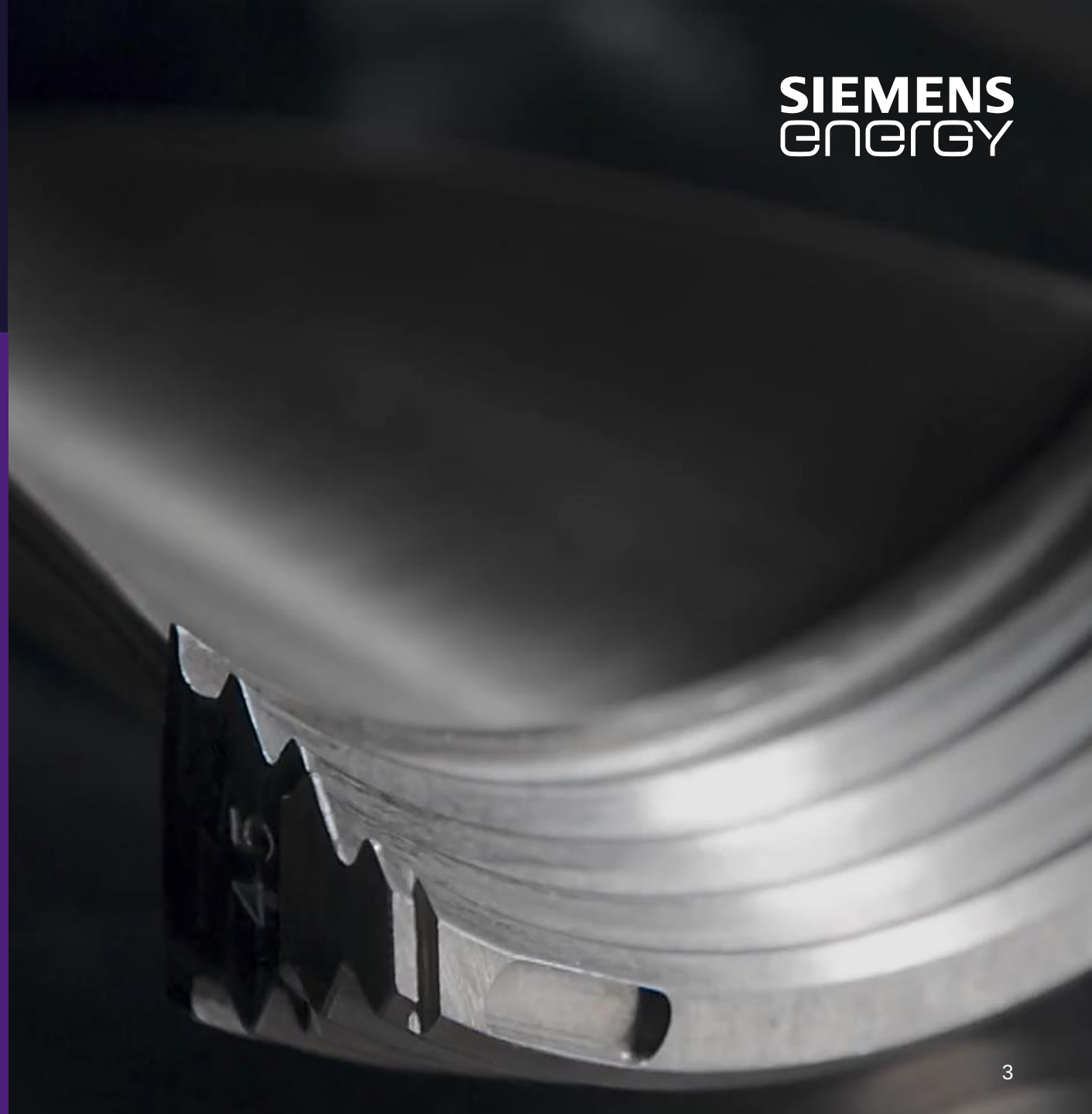
Energy Shop

that help in fast spares ordering and shipment tracking

Spares

NBG facility in a glance

3,500	Average spares order per year (>45,000 items)
51	Manufacturing machines (20x lathe / 19x milling machines)
3,202	Machines worldwide (DE fleet) Includes 29 different frames such as G&V, SST-300, SST-400, SST-600 etc.,
3 Mio.	Material master data
>90	Sub suppliers



SIEMENS energy



Spares

Energy Shop

One stop cloud platform to access all spares information

Will be available for all Siemens Energy Service customers to access illustrated parts catalogs and parts store information

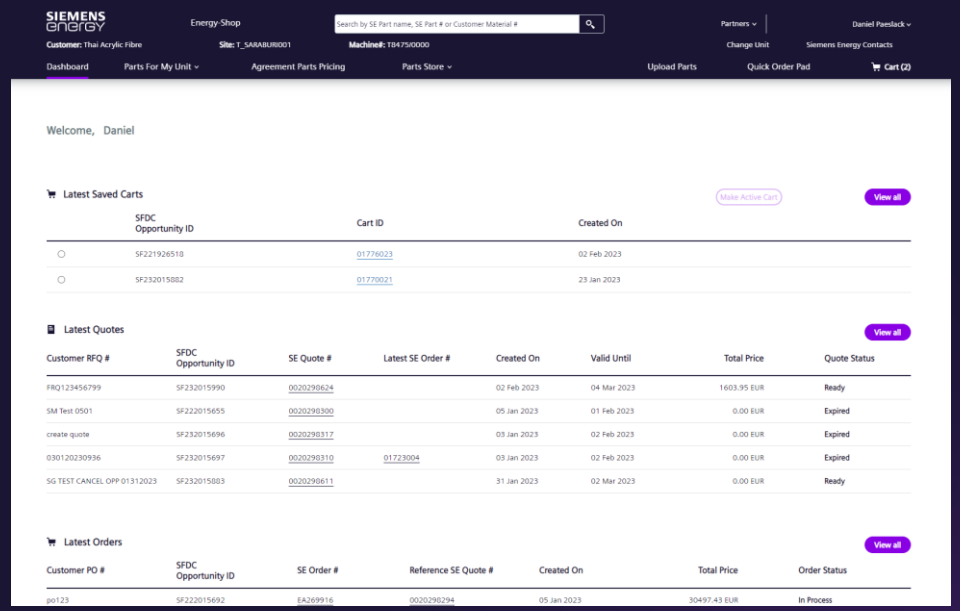
Customer benefits,

- Free application that can be used for easy selecting, quoting, and ordering parts for efficient business planning
- Single tool that will upgrade and replace the Global Parts Catalog (GPC) and the Spares Advisor
- Equipment specific illustrated parts catalogs that can show the spare location within the turbine and recommended spare quantity by outage type
- Brings spares answers to our customers using the flexible SAP Commerce Cloud Framework

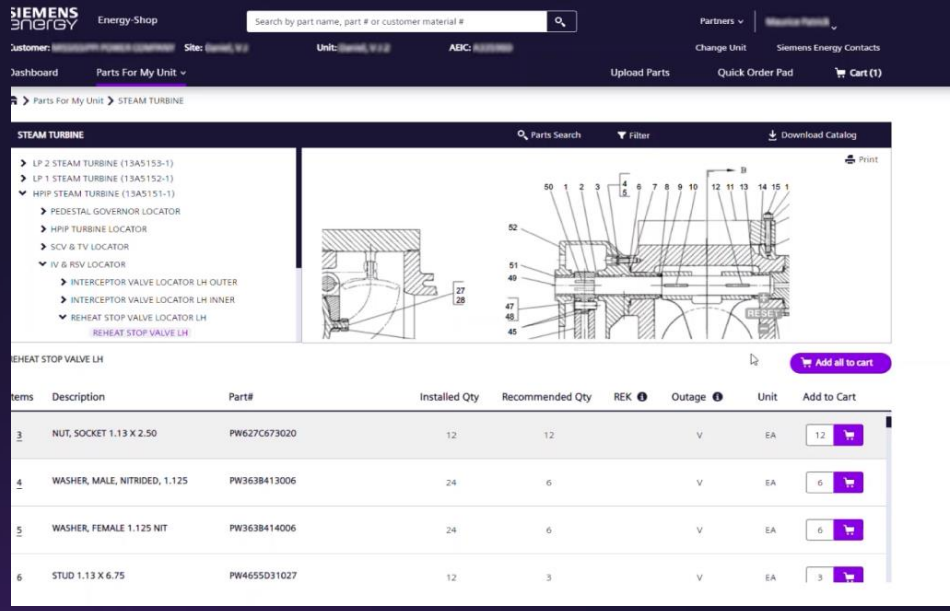
Spares

Energy Shop

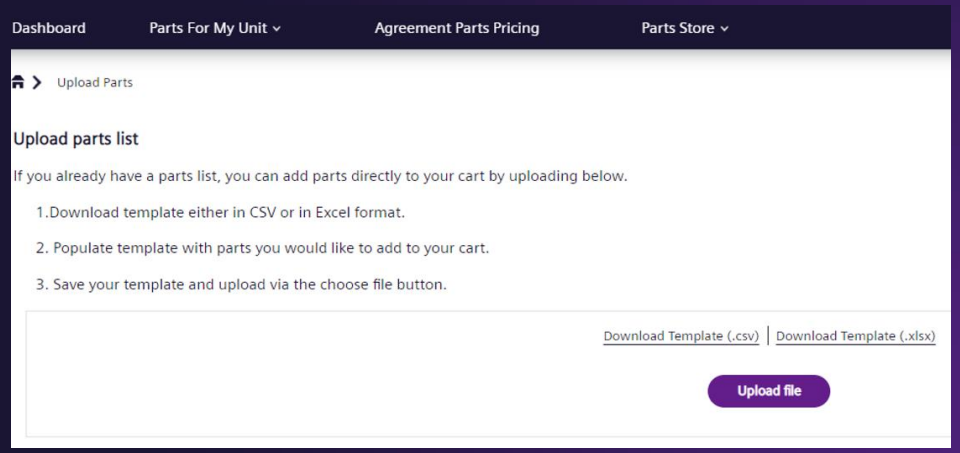
Navigating through the Energy Shop will be simple, easy and quick for creating complete quotes and orders!



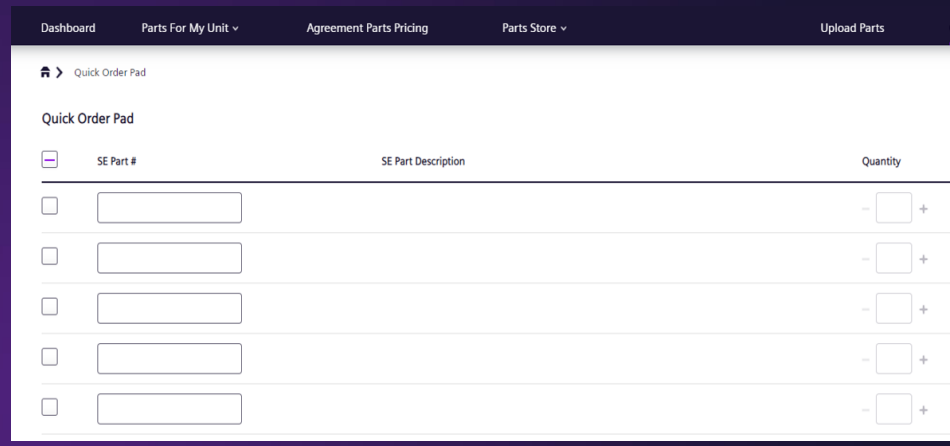
Starting Page



Equipment breakdown assembly groups drawings



Customers with recommended spares parts list can upload their desired scope via Excel directly into the shopping cart



Material numbers can also be entered manually directly into the shopping cart



Fast Lane Spares

All machining and internal order processes coordinated in one place to quickly address customers' spares requirements in times of need!

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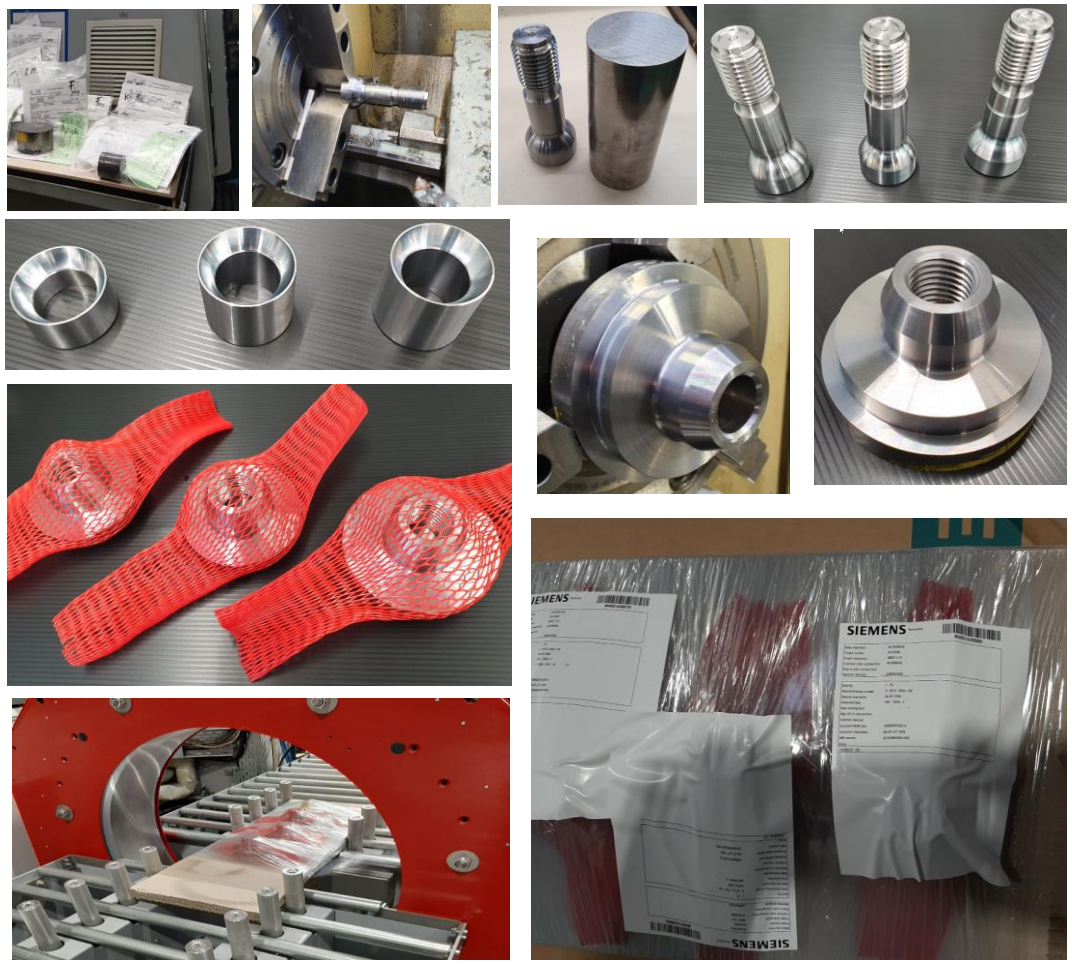
Spares – Fast Lane Success Story

Parts required after damage, Saudi Arabia

Valve Components for Valve bar

Std. time:	6 to 8 weeks
Fast Lane:	5 working days

20.11.2020, Fri	Order entry and start of engineering processes
23.11.2020, Mon	3 more item requests were added to the order
24.11.2020, Tue	All manufacturing process for all items were completed
24.11.2020, Tue	Packing and ready for shipment
25.11.2020, Wed	Shipment release



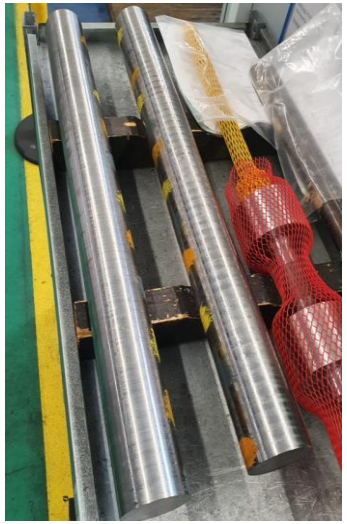
Spares – Fast Lane Success Story

Parts required after machine breakdown, Denmark

Valve spindle and rod heads

Std. time:	15 weeks
Fast Lane:	11 working days

16.04.2021, Fri	Order entry and start of engineering processes
16.04.2021, Fri	Raw material procurement
29.04.2021, Thur	All manufacturing process were completed
29.04.2021, Thur	Packing and ready for shipment
30.04.2021, Fri	Shipment release











Spares – Fast Lane Success Story

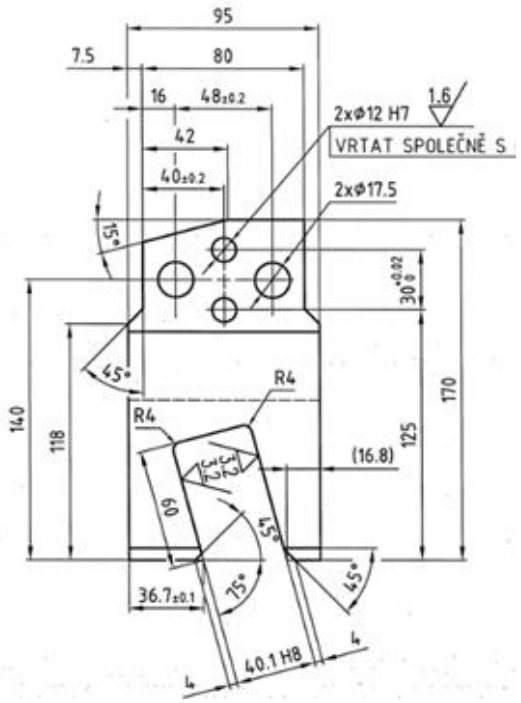
Parts required for ongoing overhaul, Pakistan

Fork

Std. time:	12 weeks
Fast Lane:	6 working days

17.06.2021, Thur	Order entry and start of engineering processes
22.06.2021, Tue	All manufacturing process were completed
23.06.2021, Wed	Packing and ready for shipment
24.06.2021, Thur	Shipment release





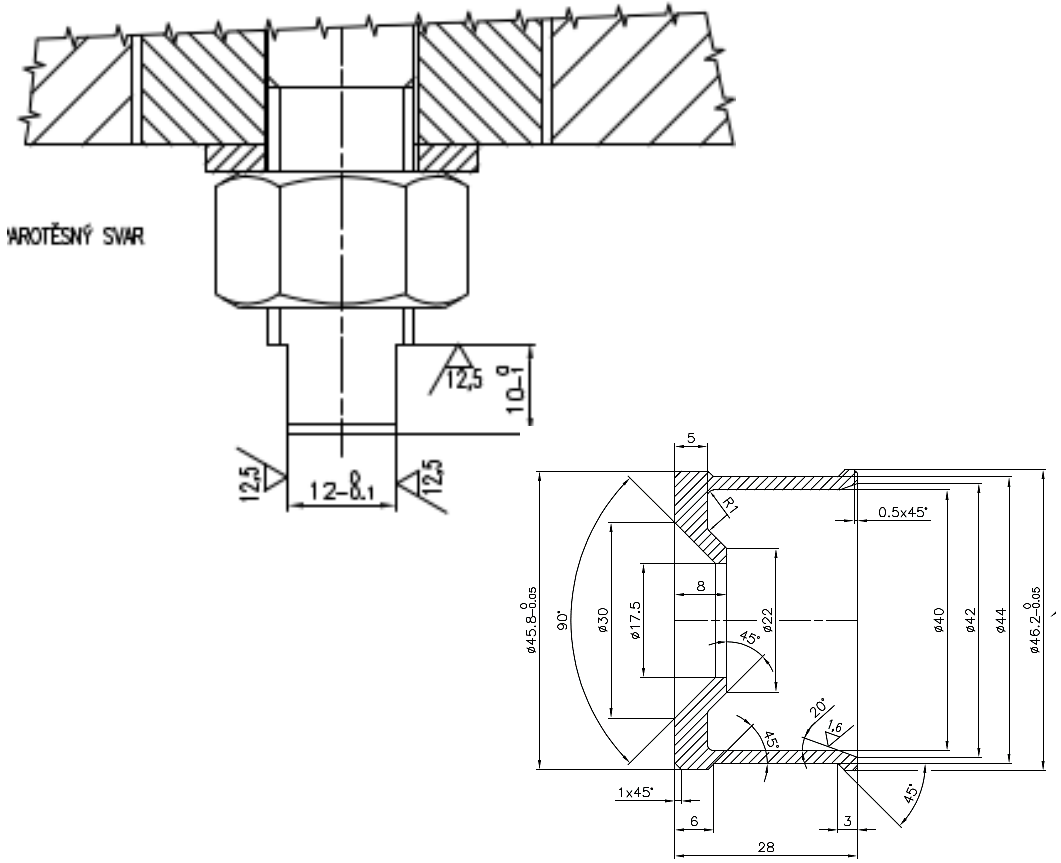
Spares – Fast Lane Success Story

Parts required for ongoing overhaul, Sweden

6x Plug + 6x Hexagon Nut + 6x Cone

Std. time:	20 weeks
Fast Lane:	19 working days

21.06.2021, Mon	Order entry and start of engineering processes
07.07.2021, Wed	All manufacturing process were completed
09.07.2021, Fri	Packing and ready for shipment
12.07.2021, Mon	Shipment release



Live Demo

Fast Lane Spares



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