

## Power Generation

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The Power Generation industry has always attracted the latest in material science. This is especially true in more modern times as there is more pressure on power plants to increase wear protection, service life and of course reduce safety risks. Confidence must be accomplished in critical components which have to operate against simultaneous wearing mechanisms. Kennametal Stellite™ has a wide selection of cobalt, nickel, stainless steel and superalloys to combat heat, abrasion, and corrosion in even the most demanding applications. These include both air melt and vacuum castings, as well as coating and machining services.

With our wide range of materials, cobalt and nickel based alloys, superalloys and highly alloyed steels, we can meet all requirements for protection against heat, corrosion and wear in the power generation industry. Our wide range of processes and alloy selection offers the best choice for finding the answer to the most difficult wear problems. Our list of clients includes the icons within the industry that have chosen Stellite as their wear resistance resource.

#### We supply parts for:

- Microturbines
- Gas Turbines
- Steam Turbines

Our one-stop-shop allows you to get a fully finished product from just one source.

Alternatively with our diverse manufacturing processes we can design a customised solution for your particular application.

#### PRODUCTS

- Fuel Nozzles
- Combustion Hardware
- Cap Supports and Collars
- End Seals
- Retainers
- Diaphragms
- Small Machined Fabrications
- Hardsurfaced Valve Parts
- Erosion Shields
- Balls and Bushings
- [Investment Casting for IGT](#)

#### TYPICAL ALLOYS INCLUDE:

- [STELLITE® 6](#)
- [STELLITE® 6B](#)
- FSX 414
- [Nistelle X](#)
- [STELLITE® 12](#)
- [STELLITE® 25](#)
- 300 and 400 series stainless steels

#### Case Study

[Ensuring a consistently high quality product for Energomash](#)

