



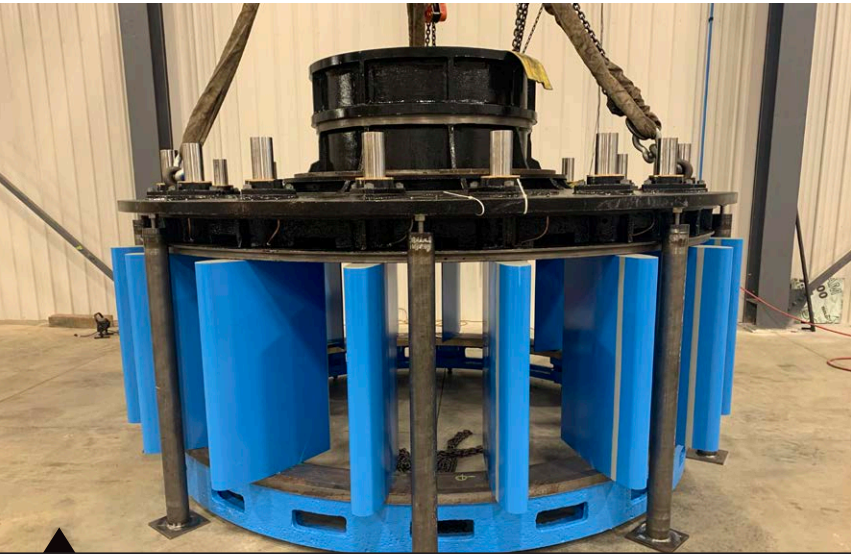
**HYDRO-TURBINE COMPONENTS MANUFACTURING / REHABILITATION**



**KAPLAN RUNNER** Refurbished and tested (55 tons)



**MAIN INLET VALVE** Refurbished and tested (65 tons)



**DISTRIBUTOR** Rehabilitation



**TURBINE SHAFT** Refurbished (Ø45" x 21 feet long / 33 000LBS)



**NEW STAINLESS STEEL FACING PLATE Ø8'**



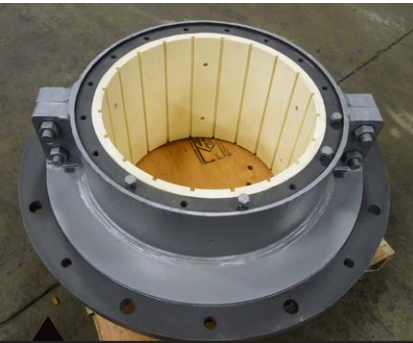
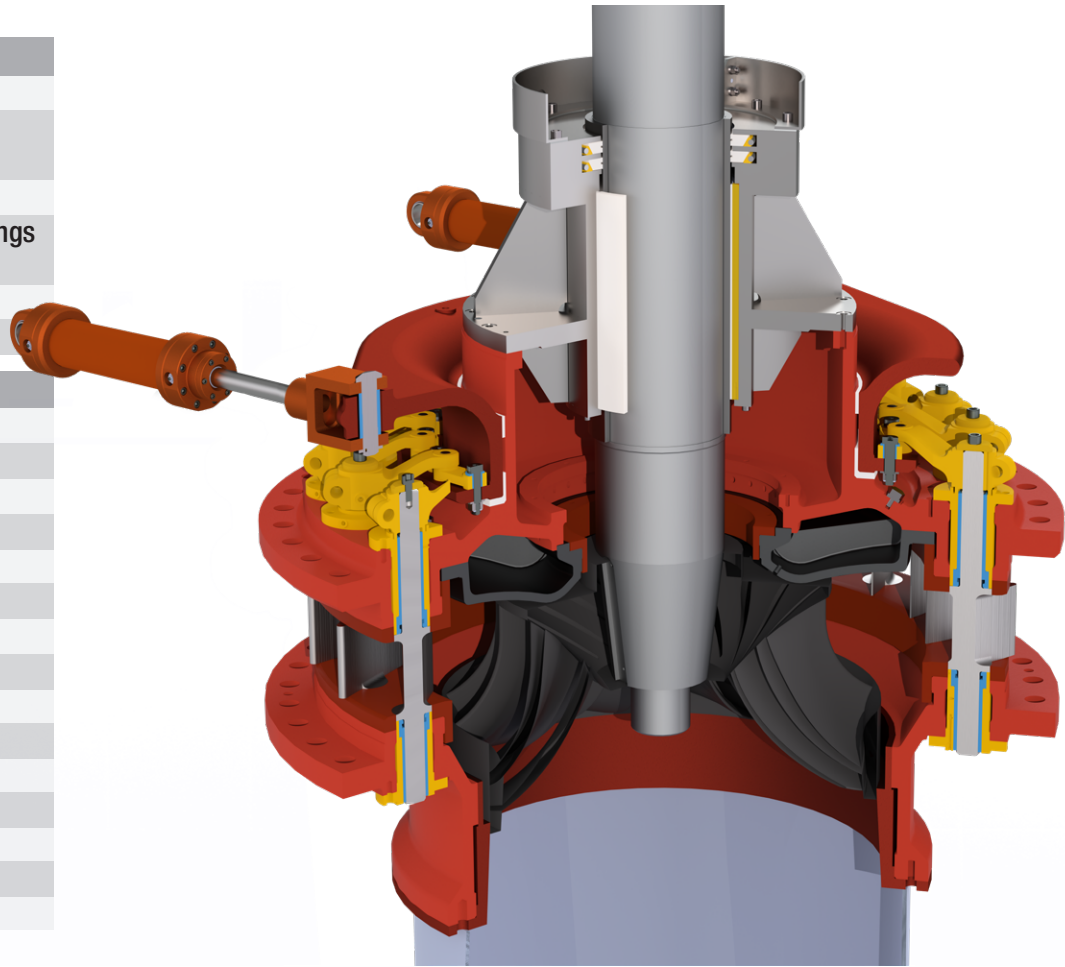
**WATER INTAKE GATE CYLINDER** Rehabilitation (78' extended)

**THORDON SOLUTIONS**

- Wicket gate and linkage bearings
- Segmented shaft seals (superior to carbon segments)
- Operating ring wear pads
- Water lubricated turbine guide bearings (design and fabrication)
- Water quality package
- etc...

**MANUFACTURING / REFURBISHMENT**

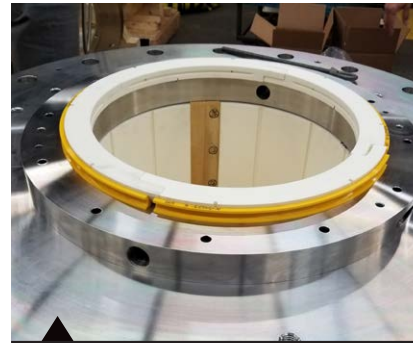
- Turbine shafts
- Generator shafts
- Servomotors
- Runners (Kaplan / Francis / Pelton)
- Main inlet valve
- Head covers
- Bottom rings
- Operating rings
- Jack / brakes
- Wearing rings
- Facing plates
- Links
- Wicket gates
- Oil pipes
- etc....



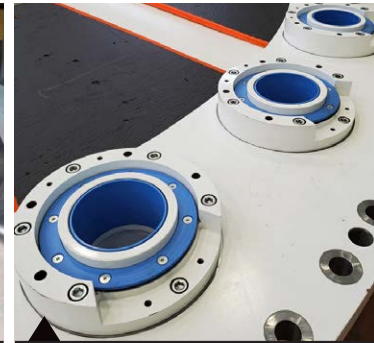
THORDON SXL Turbine guide bearing



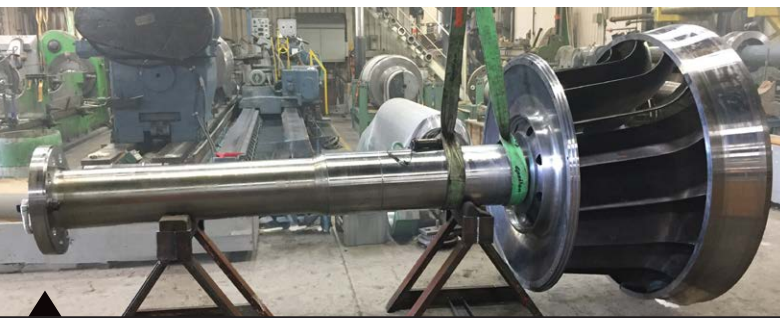
NEW KAPLAN PISTON



THORDON SXL Segmented shaft seals



THORDON THORPLAS-BLUE Bushings



MACHINED FRANCIS RUNNER Installed on new turbine shaft



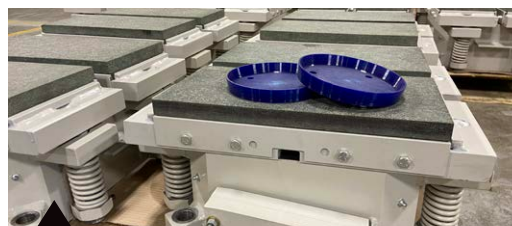
THORDON THORPLAS-BLUE Bushings



NEW TURBINE SHAFT



Servomotors refurbished with THORPLAS-BLUE bushings



New brakes with THORCUP SEALS



HEAD COVER Refurbished