

# SmartBolts®

KNOW AT A GLANCE IT'S TIGHT

SmartBolts are tension indicating fasteners that ensure proper clamp force is achieved at installation and maintained over time. Each SmartBolt features a visual indicator that changes color to measure and display tension in real time. Tension creates the clamp force that keeps a bolted joint secure.

## POWER GENERATION HYDROPOWER BULKHEAD SEAL JOINT

Located on the Columbia River in Washington, the Grand Coulee Dam is the largest hydropower facility in the United States with a total capacity of 6,809 MW. A project to modernize the pump-generating plant required the use of a bulkhead - a maintenance structure that keeps water out while the overhaul is completed. SmartBolt DTI installed in these bulkhead seal joints provide constant visual indication that these connections are secure and the work area is safe for personnel.



Visit [SmartBolts.com](https://www.smartbolts.com) to request additional product information.

SmartBolts are designed and manufactured in the United States by Industrial Indicators.

