

Field Retrofit AUMA Electric to 16" ANSI 1500 Plug Valve

The Client

Eastern United States Gas Utility

The Challenge

- Retrofit an Electric Actuator on an Old Valve

The Solution

- AUMA Electric with RM Headlee Field Assistance

The Result

- Long Term Valve Control



This AUMA Electric Valve Actuator was mounted to a 16" ANSI 1500# plug valve at a large Natural Gas Utility in Eastern, USA. The challenge on this project was taking off a very old competitors actuator that was firmly rusted to the valve stem and bracket. Due to the required valve torque this actuator needed 250,000 " lbs for modulation flow control using 4-20mA with 4-20mA feedback. This Explosion Proof model meets all "FM" Class-I, Div-I certifications and IP68-8-D weather protection enclosure to avoid water ingress that would freeze inside the unit. The weight of this actuator was 770lbs so we did our best to keep our fingers away from setting the actuator onto the valve and adaption. When running the actuator electrically you could not hear the motor or gears turning the valve. Did I say the gear has a 360 degree bronze worm providing features and benefits far above other's. AUMA- The Best Electric Valve Actuator currently made!

