



MAKE SURE YOUR UNIT IS READY FOR SPRING RUNOFF

All governors, regardless of vintage, need to have their blood pressure checked occasionally. While most organizations have staff who are well versed in governor operation, they all can benefit from an expert eye.

Often minor adjustments significantly improve the performance of the governor, allowing it to be put on-line more easily and load more predictably and consistently.

Our staff has decades of experience on an incredibly wide variety of governors.

The testing includes both off-and on-line response.

Off-line testing will monitor the unit's ability to handle water flow, mechanical inertia, and overall servo control to allow the unit to be connected to the grid as quickly and safely as possible.

On-line testing will monitor the response to speed changes and load change requests. Minor adjustments will allow the unit to change load in a quick and predictable manner.

The testing will result in reducing unplanned outages and provide significant cost savings.



VERSALENCE, LLC
Sustainable Energy
Generation Support Services

Governor Checkup

BASIC TESTING INCLUDES:

- STEADY STATE GOVERNING, LARGE GRID
- STEADY STATE GOVERNING, SMALL OR ISOLATED GRID (IF TESTING IS POSSIBLE)
- OVERALL STABILITY INCLUDING LARGE SPEED UPSETS AND LOAD REJECTION RESPONSE
- PERMANENT COMPENSATION (SPEED DROOP/SPEED REGULATION)
- DEAD BAND AND DEAD TIME
- RANGE AND RATE OF SPEED OR LOAD ADJUSTMENTS, BOTH LOCAL AND REMOTE IF AVAILABLE
- A WRITTEN REPORT INCLUDING ADJUSTMENTS MADE AND RECOMMENDATIONS FOR IMPROVEMENT

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