

ECCO

*Efficiency &
Cam Curve Optimizer*



MAXIMIZE POWER GENERATION AND SAVE WATER

Ensure optimal use of Kaplan or Bulb Turbines

- No need for index tests
- Optimize for all loads and heads
- Optimization during regular operation
- Improve cam curve after refurbishments and over time
- Minimize wear due to cavitation
- Operate with any Governor model/brand

Key features

- Local search: allows optimization during regular operation
- Automated index test: scan the operating region safely
- Configurable operational limits ensure optimization is securely performed
- Vibration monitoring can be added to ensure the unit has not exceeded turbine manufacturer warranty limits
- Communication with SCADA available to monitor unit operation
- Cam curve optimization algorithm



HMI

