

Is your TSO/ISO requiring greater response and flexibility due to the increasing integration of variable renewable energy?  
**We have the solution.**



## TRAX Hydro Optimization

Controls and HMI Services

### Enhanced compliment to operations in today's changing generation landscape

TRAX will optimize your existing control system to offer enhancements in water usage, accuracy to demand, and improved lifespan through rough loading zone (RLZ) avoidance and reduced cycling of equipment.

The TRAX high-fidelity Digital Twin approach provides enhanced tuning and predictive capabilities.

TRAX develops custom HMIs, enabling a unique perspective into unit availability, RLZ transitions, achievable loads, and powerhouse response to demand in real time.

- Optimize water usage for reservoir levels, powerhouse discharge, and power generation
- Improve response accuracy to dispatch demand
- Increase lifespan of equipment by reducing cycling and transitions across RLZs
- Maximize unit availability and flexibility
- Provide enhanced visibility with custom HMIs
- High-fidelity Digital Twin
- Energy storage options



## Contact Us

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TRAX Energy Solutions is an ISO 9001-certified contractor (FM 619157).

Visit us at [energy.traxintl.com](http://energy.traxintl.com)