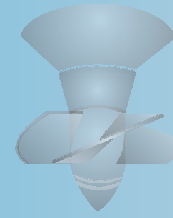


ASL

AQFlow

inc.



Acoustic Scintillation Flow Meter (ASFM)

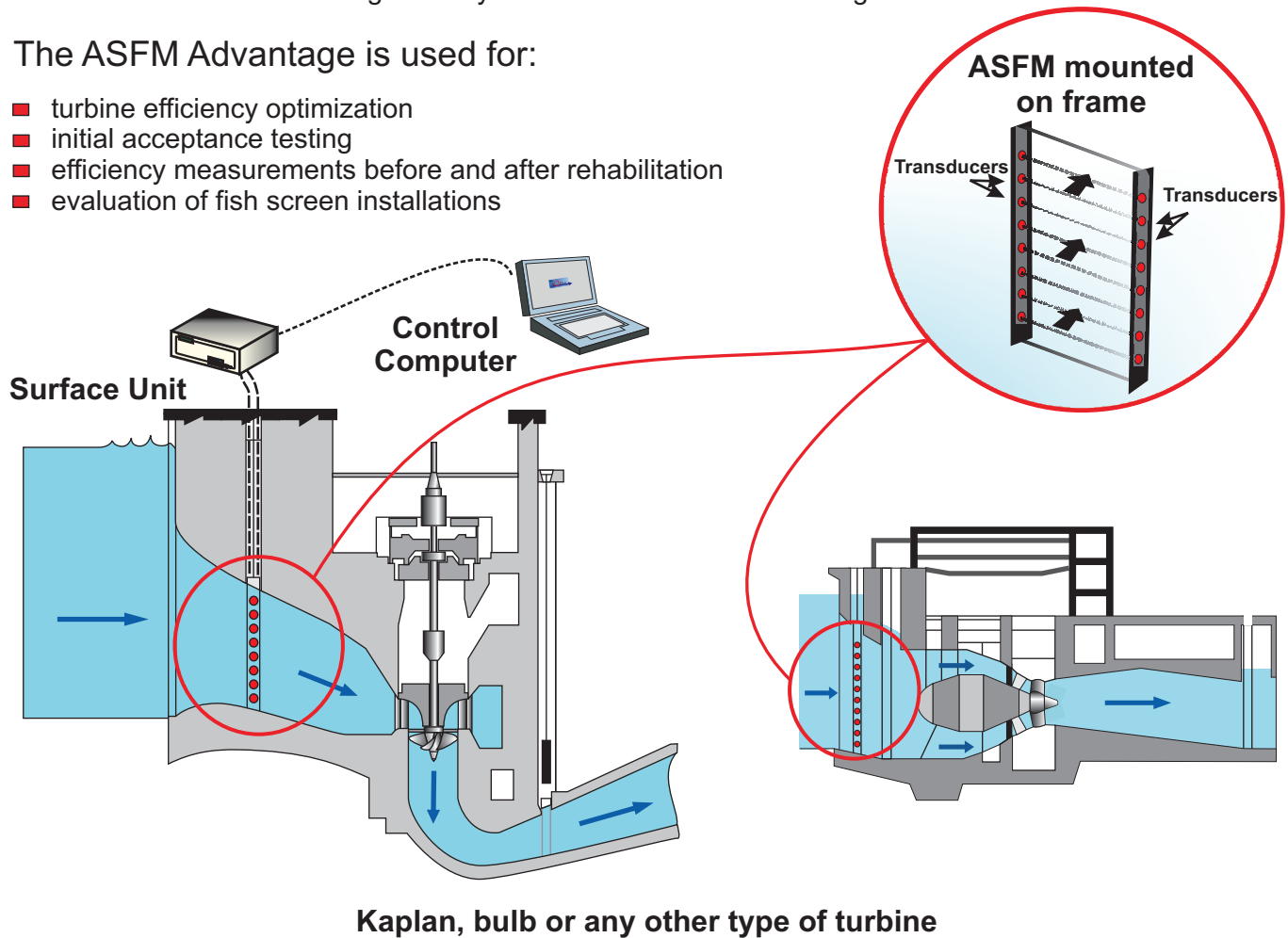
ASFM Advantage™

ASFM Advantage provides field discharge measurements in intakes:

- that are reliable and accurate, even under adverse hydraulic conditions
- whose overall costs are significantly lower than alternate technologies

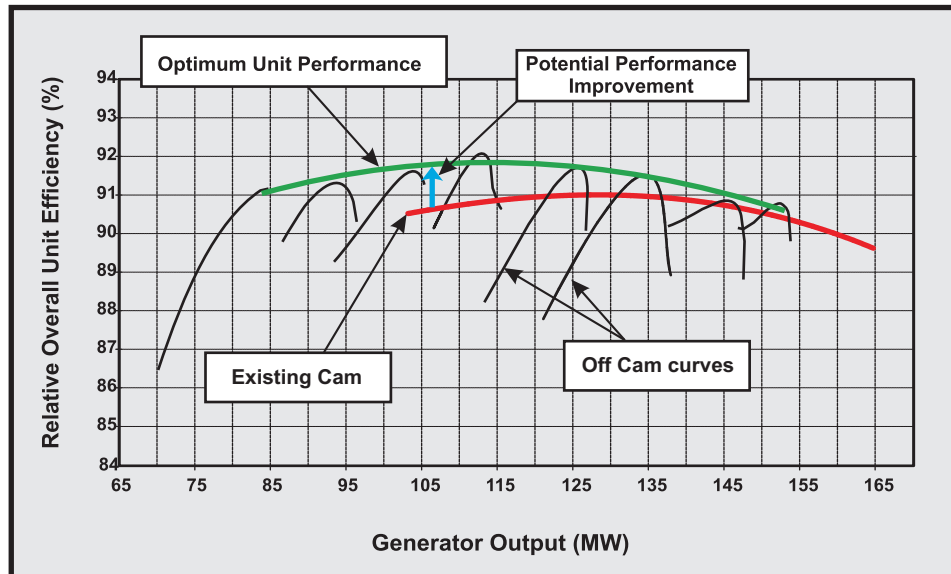
The ASFM Advantage is used for:

- turbine efficiency optimization
- initial acceptance testing
- efficiency measurements before and after rehabilitation
- evaluation of fish screen installations



Excels in flow measurement at
hydroelectric plant intakes.

Turbine Efficiency Optimization



Features of the ASFM Advantage

- Cost-effective support of unit, plant and system level optimization models.
- Non-intrusive, no headloss and no vulnerability to debris impact.
- No moving parts, no mechanical maintenance and no calibration.
- Can be setup for single- or multi-bay installation. The same equipment and frames can be used at all intakes at a multi-unit plant without instrumentation removal and re-installation.
- Can be adapted for fixed-path or profiling operation.
- Discharge results available immediately after completion of measurements.
- Offers simple, user-friendly displays and outputs.
- Can be operated remotely or locally.

ASL AQFlow offers complete turbine flow measurement services, including initial personnel training, on equipment rental or purchase basis.



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Innovative Solutions for Hydro's most Challenging Flow Measurements