



# dcLFL<sup>⚡</sup>

## Online DC Line Fault Locator

The dcLFL™ (Line Fault Locator) pinpoints all faults on a transmission line to within a kilometre, including end-of-the-line faults. Initially developed for use on Manitoba Hydro's Nelson River HVDC transmission lines, the dcLFL™ has now been successfully installed in countries around the world to monitor DC transmission lines. Our current installations include Canada, Malaysia, Thailand, Australia, New Zealand, India, and China.

# A Complete Solution

We offer the dcLFL™ with full support including field commissioning, calibration, and training.

Our system components include:

- PC based master stations;
- GPS timing units;
- Surge capacitor and wave front detection unit electronics;
- Fibre optical transmitters and receiver communication systems (DC switchyard to the main computer);
- Optional active detection systems for more complex installations, which include combinations of cable and overhead line segments;
- Station-to-station communication system.



For more information, visit [mhi.ca](http://mhi.ca).

Available in accessible formats upon request.