


Other ABB HVDC Light (High Voltage Direct Current) systems in operation:

- The **Cross Sound Cable** project, a 40-kilometer long, 330-megawatt HVDC Light underwater cable transmission between Connecticut and Long Island near New York City. During the North American blackout of 2003, it was an important power supply route keeping Long Island customers out of the dark as authorities worked to restore the power network.
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- The award-winning **Murray Link**, a 180-kilometer long, 200-megawatt underground HVDC Light transmission system linking regional electricity markets in Southern Australia. It is the world's longest underground high voltage interconnection, and won the 2002 Case EARTH award for environmental excellence.
 - **Estlink**, a 105-kilometer long, 350-megawatt underground and underwater HVDC Light transmission between Estonia and Finland will link the Baltic power system to the Nordpool market, controlling power flow and voltage stability in the Estonian grid when it begins operation at the end of 2006.
 - **Eagle Pass**, Texas, a Back-to-Back Light system rated at 36 megavoltamperes at 138 kilovolts, installed at Eagle Pass substation as an link to connect US and Mexican power systems and permits the immediate import of power from Mexico to the US during emergencies.
 - **Direct Link**, Australia, a 65-kilometer long, 60-megawatt HVDC Light underground transmission system, consisting of three parallel 60 megavoltampere links connecting the regional power markets of New South Wales and Queensland. The flow of power is precisely defined, controlled and delivered to the highest-value regional market.
 - **Gotland**, Sweden, a 70-kilometer long, 50-megawatt underground transmission system connecting a wind power source to the load center of the grid. The technology eliminated flicker and faults, improving stability and voltage quality in the network.



- **Tjæreborg**, Denmark, a 4.5-kilometer, 8-megawatt HVDC small-scale underground HVDC Light system used for testing optimal transmission from sources of wind power generation.