





The PLC needs important information like voltage, current, wind speed, torque, and power output. The PLC controls the motion of the wind turbines. When the PLC detects the wind speed or the torque is too high, it may be dangerous so the PLC stops the wind turbines to prevent damage. After the wind speed or torque slows down, the PLC lets the wind turbine operate again.

[GW-7433D](#) provides data transformation between Modbus TCP and CANopen protocols. It also supports disconnection detection mechanisms in Ethernet and CANopen interfaces. If the Ethernet connection is broken, the [GW-7433D](#) stops the wind turbine immediately. If the CANopen interface is off-line, the [GW-7433D](#) issues a warning to notice the PLC for safety. After recovery of the Ethernet and CANopen interfaces is confirmed, the [GW-7433D](#) informs the PLC and the wind turbine will operate again.