



Description of the data file content and format

The csv data file has the 10-minute interval sample data for the period of year 2004 to year 2009. It has following 5 columns:

Column 1: Calgary local time in "yyyy/mm/dd hh:mm" (no hour ending 2 for short day and two hour ending 2 for long day)

Column 2: aggregate of all transmission connected wind power facility real power output in MW

Column 3: the wind MW data quality flag (0 indicate normal, 1 indicate potential issue)

Column 4: the Alberta Internal Load in MW

Column 5: the load MW data quality flag (0 indicate normal, 1 indicate potential issue)

There are potential data issues due to reasons such as:

1. The aggregate wind power output may not correctly reflect the individual wind power facility power output during its commissioning stage
2. SCADA/EMS/PI temporary technical issue during real time operation.