

REPLACEMENT METHODS FOR MISSING DATA

Missing data period	Replacement method
Less than 6 hours	Use the average of the 4 hours immediately prior to and after the missing data period
6 to less than 24 hours	Use the 90% upper or lower confidence limit of the 24 hours prior to and after the missing data period, whichever results in greater conservativeness
1 to 7 days	Use the 95% upper or lower confidence limit of the 72 hours prior to and after the missing data period, whichever results in greater conservativeness
More than 7 days	<p>No data may be replaced and no reduction may be credited, except if the methane from the project is injected into a natural gas distribution network. In that case, the missing data may be replaced for a period of more than 7 days but not more than 2 months using the following equation. This method allows the replacement of both the missing flow data and the missing methane concentration data.</p> $Q_i = \frac{E_{NG}}{HHV_{CH_4}}$ <p>Q_i = Total quantity of CH₄ sent to reclamation device i during the reporting period, in cubic metres of CH₄ at standard conditions; E_{NG} = Quantity of combustible energy injected into the natural gas distribution network, in GJ HHV = High heat value of CH₄, or 0.03982 GJ / m³</p>