<table>
<thead>
<tr>
<th>Parameter</th>
<th>Fuel type and sampling frequency</th>
<th>Value used in calculations (except for missing data hours)</th>
</tr>
</thead>
</table>
| Gas Total Sulfur Content              | Pipeline Natural Gas with total sulfur content less than or equal to 0.5 grains/100scf * Sampling is not required if a valid contract or tariff sheet is used to qualify. * If fuel sampling and analysis is used to qualify, sample annually and whenever the fuel supply source changes. | 1. If a contract or tariff sheet is used to qualify, use 0.0006 lb/mmBtu  
2. If fuel sampling and analysis is used to qualify, use 0.0006 lb/mmBtu, provided that the results of the required annual samples do not exceed 0.5 grains/100 scf of total sulfur. If the results of an annual sample exceed 0.5 grains/100 scf, re-classify the fuel as appropriate and determine the SO₂ emission rate to be used in the calculations, using the applicable procedures in section 2.3.2 or 2.3.3 of this appendix. |
|                                       | Natural Gas with total sulfur content less than or equal to 20.0 grains /100scf * Sampling is not required if a valid contract or tariff sheet is used to qualify. * If fuel sampling and analysis is used to qualify, sample annually and whenever the fuel supply source changes. | Default SO₂ emission rate calculated from Eq. D-1h, using either:  
1. The maximum total sulfur content specified in the fuel contract or tariff sheet, if a contract or tariff sheet is used to qualify; or  
2. The total sulfur content, based on the most recent fuel sampling and analysis. If multiple samples are taken, the results may be averaged before using Equation D-1h. |
|                                       | Any gaseous fuel transmitted by pipeline, having a "low sulfur variability", as shown under section 2.3.6 of this appendix. * Either sample daily or, if Eq. D-1h is used to calculate a default SO₂ emission rate, sample annually. | * If daily sampling is performed, use either:  
1. Actual value from the daily sample; or  
2. Highest value from previous 30 samples.  
* If the option to use Eq. D-1h is selected, use a default SO₂ emission rate, calculated using the higher of:  
1. The 90th percentile value of the total sulfur content, obtained in the 720-hr demonstration under section 2.3.6; or  
2. The actual total sulfur content from the most recent annual sample. If multiple samples are taken, the results may be averaged before using Equation D-1h. |