**Information for Capacity Upgrades at Plant Goat Rock Units 9-12**

Georgia Power Company (the “Company”) is seeking certification of capacity increases for Plant Goat Rock Units 9-12 in the 2019 IRP. As discussed in Attachment E of the 2019 IRP Main Document, the Company is replacing aging turbines at the Plant Goat Rock hydro facility with updated turbine technology. This upgrade will increase the capacity from 5 MW to approximately 9.6 MW for each unit. The Company is seeking this capacity increase to help correct for water flow imbalances along the Chattahoochee River. As a result of the turbine replacements, Plant Goat Rock Units 3-6 will become Plant Goat Rock Units 9-12. To support this recommendation, the Company conducted an economic evaluation comparing the cost and benefits of continued operation of Plant Goat Rock with and without the capacity increase.

Mid-year NPV (2020-2048) in millions of dollars:

|  |  |  |  |
| --- | --- | --- | --- |
| **2019 M$** | **$0 CO2** | **$10 CO2** | **$20 CO2** |
| **High Fuel** | **REDACTED** | **REDACTED** | **REDACTED** |
| **Moderate Fuel** | **REDACTED** | **REDACTED** | **REDACTED** |
| **Low Fuel** | **REDACTED** | **REDACTED** | **REDACTED** |