

Annex 4A

Emission Inventory for the  
Proposed New Gas Heaters of  
the Project at BPPS and LPS

## Annex 4A - Emission Inventory for the Proposed New Gas Heaters of the Project at BPPS and LPS

| Sources                        | Emission Point ID (SP Licence) | Model Input ID | X        | Y        | Ground Level | NOx Emission | Stack height | Temp | Exit Velocity | Diameter | Operation Hour |
|--------------------------------|--------------------------------|----------------|----------|----------|--------------|--------------|--------------|------|---------------|----------|----------------|
|                                |                                |                |          |          | mPD          | g/s          | m            | K    | m/s           | m        |                |
| Gas Heaters of New GRS at BPPS | -                              | A1             | 809025.9 | 830865.2 | 6            | 0.2025       | 15           | 553  | 10            | 0.6      | 24 hours       |
|                                | -                              | A2             | 809027.5 | 830867   | 6            | 0.2025       | 15           | 553  | 10            | 0.6      | 24 hours       |
|                                | -                              | A3             | 809035.3 | 830875   | 6            | 0.2025       | 15           | 553  | 10            | 0.6      | 24 hours       |
|                                | -                              | A4             | 809036.9 | 830876.7 | 6            | 0.2025       | 15           | 553  | 10            | 0.6      | 24 hours       |
| Gas Heaters of New GRS at LPS  | -                              | B1             | 828850   | 808152.7 | 7.75         | 0.139        | 11.15        | 573  | 2.6           | 0.61     | 24 hours       |
|                                | -                              | B2             | 828887.7 | 808153   | 7.75         | 0.139        | 11.15        | 573  | 2.6           | 0.61     | 24 hours       |
|                                | -                              | B3             | 828925.3 | 808153.4 | 7.75         | 0.139        | 11.15        | 573  | 2.6           | 0.61     | 24 hours       |
|                                | -                              | B4             | 828962.9 | 808153.8 | 7.75         | 0.139        | 11.15        | 573  | 2.6           | 0.61     | 24 hours       |