**Energy Intensity and GHG Coefficients**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Energy Type** | **Unit of Measure** | **eKWh****Coefficient** | **GJ** **Coefficient** | **Kg GHG** **Coefficient 2011** | **Kg GHG** **Coefficient 2016** |
| Electricity  |  kWh | 1.0000000 | 0.0036000 | 0.0980400 | 0.035548 |
| Fuel Oil 1 & 2 | litre | 10.7777770 | 0.0388000 | 2.7351560 | 2.7351560 |
| Fuel Oil 4 & 6 | litre | 11.8055550 | 0.0425000 | 3.1450370 | 3.1450370 |
| Natural Gas | cubic metre | 10.6277770 | 0.0382600 | 1.8906270 | 1.8906270 |
| Propane | Litre | 7.0305550 | 0.0253100 | 1.5409840 | 1.5409840 |
| Coal | metric tonne | 7063.8889450 | 25.4300000 | 2280.2000000 | 2280.2000000 |
| Wood | metric tonne | 5000.0000400 | 18.0000000 | 860.4900000 | 860.4900000 |
| District Heating | metric tonne - Steam | 647.2222270 | 2.3300000 | 138.1650030 | 138.1650030 |
| District Heating | GJ - Steam or Hot Water | 277.7777800 | 1.0000000 | 59.2982832 | 59.2982832 |
| District Heating | kilolitre - Hot Water | 29.0277780 | 0.1045000 | 6.3638920 | 6.3638920 |
| District Cooling | GJ - Chilled Water | 84.1750000 | 0.3030300 | 8.2525170 | 2.999225 |
| District Cooling | kilolitre- Chilled Water | 2.3466660 | 0.0084480 | 0.2300671 | 0.08341928 |
| Natural Gas | Giga Joule | 277.7777800 | 1.0000000 | 49.4152370 | 49.4152370 |
| Natural Gas | ekWh | 1.0000000 | 0.0036000 | 0.1778940 | 0.1778940 |

Source: GHG emission factors National Inventory Report 1990–2016:Greenhouse Gas Sources and Sinks in Canada