

MACC Inputs

| Year   | 2016          | 2017          | 2018          | 2019          | 2020          | 2021          | 2022          | 2023          | 2024          | 2025          | 2026          | 2027          | 2028          | 2029          | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------|------|------|------|------|------|
| <b>Cash Investment-Private (Cash Flow Out)</b>     | € 125,407,215 | € 132,867,746 | € 137,094,260 | € 141,452,709 | € 143,757,421 | € 146,062,133 | € 148,366,844 | € 150,671,556 | € 153,119,952 | € 151,915,204 | € 150,710,456 | € 149,505,707 | € 148,300,959 | € 147,096,211 |      |      |      |      |      |      |
| <b>Cash Return-Private (Cash Flow In)</b>          | € 52,115,734  | € 55,870,235  | € 58,135,113  | € 61,483,977  | € 63,966,303  | € 66,371,518  | € 65,333,199  | € 65,776,347  | € 67,662,573  | € 67,181,666  | € 68,469,948  | € 71,717,618  | € 74,949,894  | € 76,181,380  |      |      |      |      |      |      |
| <b>Cash Investment - Exchequer (Cash Flow OUT)</b> | € 25,691,275  | € 26,241,534  | € 27,105,218  | € 28,443,344  | € 28,904,436  | € 29,097,982  | € 28,888,666  | € 28,943,449  | € 28,995,234  | € 28,054,334  | € 27,789,912  | € 27,542,173  | € 27,294,765  | € 27,031,252  |      |      |      |      |      |      |
| <b>Cash Return - Exchequer (Cash Flow IN)</b>      |               |               |               |               |               |               |               |               |               |               |               |               |               |               |      |      |      |      |      |      |
| <b>Indirect Gain*</b>                              | € 3,433,368   | € 3,637,083   | € 3,753,716   | € 3,911,275   | € 3,968,311   | € 4,025,347   | € 4,082,383   | € 4,139,419   | € 4,196,455   | € 4,167,840   | € 4,139,224   | € 4,110,608   | € 4,081,993   | € 4,053,377   |      |      |      |      |      |      |

|                  |                                  | 2020           |                      |
|------------------|----------------------------------|----------------|----------------------|
| Fuel             |                                  | Baseline (kWh) | Policy Scenario(kWh) |
| Coal             | Bituminous Coal                  | 0              | 0                    |
|                  | Anthracite + Manufactured Ovoids | 0              | 0                    |
| Peat             | Milled Peat                      | 0              | 0                    |
|                  | Sod Peat                         | 0              | 0                    |
|                  | Briquettes                       | 0              | 0                    |
|                  |                                  | 0              | 0                    |
| Oil              | Gasoline                         | 2168878014     | 2064718764           |
|                  | Kerosene                         | 0              | 0                    |
|                  | Jet Kerosene                     | 0              | 0                    |
|                  | Fueloil                          | 0              | 0                    |
|                  | LPG                              | 0              | 0                    |
|                  | Gasoil / Diesel /DERV            | 1643179208     | 1507430290           |
|                  | Petroleum Coke                   | 0              | 0                    |
| Naphta           | 0                                | 0              |                      |
| Natural Gas      | 0                                | 0              |                      |
| Renewables       | Biomass & Renewable Waste        | 0              | 0                    |
|                  | Landfill Gas                     | 0              | 0                    |
|                  | Biogas                           | 0              | 0                    |
|                  | Liquid Biofuel                   | 0              | 0                    |
|                  | Geothermal                       | 0              | 0                    |
|                  | Non-Renewable Waste              | 0              | 0                    |
| Electricity      | 0                                | 0              |                      |
| Heat             | 0                                | 0              |                      |
| CH4              | 0                                | 0              |                      |
| N2O              | 0                                | 0              |                      |
| CO2              | 0                                | 0              |                      |
| <b>Tot CO2eq</b> |                                  |                |                      |

|                    |                                  | 2023           |                      |
|--------------------|----------------------------------|----------------|----------------------|
| Fuel               |                                  | Baseline (kWh) | Policy Scenario(kWh) |
| Coal               | Bituminous Coal                  | 0              | 0                    |
|                    | Anthracite + Manufactured Ovoids | 0              | 0                    |
| Peat               | Milled Peat                      | 0              | 0                    |
|                    | Sod Peat                         | 0              | 0                    |
|                    | Briquettes                       | 0              | 0                    |
|                    |                                  | 0              | 0                    |
| Oil                | Gasoline                         | 2292169186     | 2182088940           |
|                    | Kerosene                         | 0              | 0                    |
|                    | Jet Kerosene                     | 0              | 0                    |
|                    | Fueloil                          | 0              | 0                    |
|                    | LPG                              | 0              | 0                    |
|                    | Gasoil / Diesel /DERV            | 1750299747     | 1605701219           |
|                    | Petroleum Coke                   | 0              | 0                    |
| Naphta             | 0                                | 0              |                      |
| Natural Gas        | 0                                | 0              |                      |
| Renewables         | Biomass & Renewable Waste        | 0              | 0                    |
|                    | Landfill Gas                     | 0              | 0                    |
|                    | Biogas                           | 0              | 0                    |
|                    | Liquid Biofuel                   | 0              | 0                    |
|                    | Geothermal                       | 0              | 0                    |
|                    | Non-Renewable Waste              | 0              | 0                    |
| Electricity        | 0                                | 0              |                      |
| Heat               | 0                                | 0              |                      |
| CH4                | 0                                | 0              |                      |
| N2O                | 0                                | 0              |                      |
| CO2                | 0                                | 0              |                      |
| <b>Total CO2eq</b> |                                  |                |                      |

|                    |                                  | 2030           |                      |
|--------------------|----------------------------------|----------------|----------------------|
| Fuel               |                                  | Baseline (kWh) | Policy Scenario(kWh) |
| Coal               | Bituminous Coal                  | 0              | 0                    |
|                    | Anthracite + Manufactured Ovoids | 0              | 0                    |
| Peat               | Milled Peat                      | 0              | 0                    |
|                    | Sod Peat                         | 0              | 0                    |
|                    | Briquettes                       | 0              | 0                    |
|                    |                                  | 0              | 0                    |
| Oil                | Gasoline                         | 2137631999     | 2034973323           |
|                    | Kerosene                         | 0              | 0                    |
|                    | Jet Kerosene                     | 0              | 0                    |
|                    | Fueloil                          | 0              | 0                    |
|                    | LPG                              | 0              | 0                    |
|                    | Gasoil / Diesel /DERV            | 1833969277     | 1682458509           |
|                    | Petroleum Coke                   | 0              | 0                    |
| Naphta             | 0                                | 0              |                      |
| Natural Gas        | 0                                | 0              |                      |
| Renewables         | Biomass & Renewable Waste        | 0              | 0                    |
|                    | Landfill Gas                     | 0              | 0                    |
|                    | Biogas                           | 0              | 0                    |
|                    | Liquid Biofuel                   | 0              | 0                    |
|                    | Geothermal                       | 0              | 0                    |
|                    | Non-Renewable Waste              | 0              | 0                    |
| Electricity        | 0                                | 0              |                      |
| Heat               | 0                                | 0              |                      |
| CH4                | 0                                | 0              |                      |
| N2O                | 0                                | 0              |                      |
| CO2                | 0                                | 0              |                      |
| <b>Total CO2eq</b> |                                  |                |                      |

| Energy Savings (kWh) | 2020             | 2023             | 2030             |
|----------------------|------------------|------------------|------------------|
| Petrol               | 104159250        | 110080245        | 102658676        |
| Diesel               | 135748917        | 144598529        | 151510768        |
| <b>Total</b>         | <b>239908167</b> | <b>254678774</b> | <b>254169445</b> |