|  |  |
| --- | --- |
| **• Energy support for investments must be applied for before the acquisition of fixed assets or before the commencement of construction, alteration or improvement work funded by the support.**  **• Making a final and binding investment decision is regarded as constituting the commencement of the work.**  • **Support can only be applied for, if it will have a  major impact on the start-up of the project.** | **SUPPORT APPLICATION FOR ENERGY INVESTMENTS**  **Section 32.60.40 of the Government Decree on the General Terms for Granting Energy Support (1063/2012)**  **This report must be submitted to Tekes as an attachment to the application**. |

1 APPLICANT

|  |  |
| --- | --- |
| Company, organisation | Business ID |

2 PRIMARY PURPOSE OF THE INVESTMENT (choose one).

|  |  |  |
| --- | --- | --- |
| Energy savings or increasing the efficiency of energy production or use | | Use of renewable energy |
| Reduction of environmental damage caused by energy production or consumption. | | |
| The project is related to the energy efficiency system of the Ministry of Economic Affairs and Employment (Attachment) | ------------------------------------------------------------------------------------------------ | |

3 THE TECHNOLOGY TO BE USED

|  |  |
| --- | --- |
| New technology (first applications in Finland) | Commercially established |

4 EMISSIONS TRADING

|  |
| --- |
| The project is within the scope of the Emissions Trading Act (311/2011). |
| The project is not within the scope of the Emissions Trading Act (311/2011). |

5 CALCULATION OF ENERGY SAVINGS TO BE MADE  
The calculation criteria used to obtain the figures presented must be clearly indicated in the attachments.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Fuel/energy** | **Consumption in previous year**  **(MWh)** | **Estimated savings**  **(MWh)** | **Price (EUR/MWh)** | **Annual cost savings (EUR)** |
| Light fuel oil |  |  |  |  |
| Heavy fuel oil |  |  |  |  |
| Coal |  |  |  |  |
| Natural gas |  |  |  |  |
| Electricity |  |  |  |  |
| District heating |  |  |  |  |
| Other, please specify: |  |  |  |  |
| Other possible savings | | | | |
| Potential increase in costs | | | | |
| Total annual cost savings | | | | |
| Interest-free payback period of investment (= investment costs/annual cost savings) | | | | |

6 CALCULATION OF FUEL USED AND ENERGY GENERATED BY PRODUCTION PLANTS  
The annual energy production of the energy production plant, by fuel type, or the increase due to the conversion investment, must be calculated. Either the price agreed with the supplier, or the probable price, should be used when calculating fuel costs.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Fuel used** | **Unit** | **Heat value**  **(MWh per unit)** | **Annual consumption**  **units** | **Annual costs**  **(EUR)** | **Energy produced from fuel (MWh/a)** |
| Milled peat |  |  |  |  |  |
| Sod peat |  |  |  |  |  |
| Wood |  |  |  |  |  |
| Other forms of biomass, please specify: |  |  |  |  |  |
| Fossil fuel, please specify: |  |  |  |  |  |
| Other, please specify: |  |  |  |  |  |

7 INFORMATION ABOUT FACILITY

|  |
| --- |
| Annual fuel utilisation efficiency and stage of construction, electrical and thermal power (MW), full load hours (h/a) |

8 FUEL PRODUCTION PROJECT CALCULATION  
The table presents annual production data on the domestic fuel production investment. Further details on the ownership, purchasing method and quantities of raw materials used in fuel production should be provided in the attachments.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **To be produced fuel** | **Unit** | **Average production**  **per year**  **units** | **Production**  **cost (EUR/unit)** | **Estimated**  **sales price (EUR/unit)** | **Total energy content of production (MWh/year)** | **Ownership base of raw materials** |
| Wood chips |  |  |  |  |  |  |
| Pellets |  |  |  |  |  |  |
| Biogas |  |  |  |  |  |  |
| Bioethanol/ biodiesel |  |  |  |  |  |  |
| Other, please specify: |  |  |  |  |  |  |
| Other, please specify: |  |  |  |  |  |  |

9 PLACES TO WHICH FUEL WILL BE DELIVERED

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **User plant/buyer** | **Fuel** | **Unit** | **Annual**  **number of units** | **Contractual status of delivery** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

10 IMPORTANCE OF SUPPORT TO PROJECT

|  |
| --- |
| **Please evaluate the primary impact of the energy support you are applying for on the implementation of the project (NB: Please select only one option)** |
| The project will not be implemented at all without the support |
| The project will be implemented on a broader basis than it would be without the support |
| The project will be implemented at a higher quality level than it would be without the support |
| The support will be used to move the project’s implementation schedule forward by       mm |
| Please justify your answer |

11 ATTACHMENTS (\*mandatory for all projects)

|  |  |
| --- | --- |
| Project plan\* | Copy of possible equipment supplier's tender/tenders |
| Profitability calculation for project\* | Copy of audit or analysis report on project |
| Form for assessing impact of energy support\* | Copy of energy efficiency agreement or accession document (for energy efficiency projects only) |
| Evaluation of new technology and estimate of  the project’s impacts on the commercialisation and adoption of the technology  (mandatory for new technology projects) |  |

**12 CONSENT TO THE DISCLOSURE OF INFORMATION**

|  |
| --- |
| Under the Act on the Client Information System of Enterprise Services (1039/2010), the Ministry of Economic Affairs and Employment, Finnvera, Tekes, ELY Centres and TE Offices may exchange client information relating to a beneficiary.  The Ministry of Economic Affairs and Employment, Tekes and the EU Commission have the right to inspect the applicant's business operations, insofar as this is necessary due to the above criteria. |

**OVERVIEW**

As state aid, the Ministry of Economic Affairs and Employment can grant support for energy investments in accordance with Government Decree 1063/2012, within the limits of the commitment authority granted under section 32.60.40 of the State Budget. The terms and conditions for granting energy support are set out in the decree. The penalties under criminal law for subsidy fraud are provided for in the Criminal Code (Chapter 29 of the Criminal Code).

Energy support can be granted to companies, municipalities and other organisations. It cannot be granted to housing companies, residential estates, government institutions, start-up projects in receipt of state aid, or farms or projects implemented in relation to farms. Of the eligible costs, Tekes can grant a maximum of EUR 5 million for energy efficiency or renewable energy investments. Other support and all investment support for new technology are granted by the Ministry.

**ATTACHMENTS**

In addition to the above, account must be taken of the following in the attachments:

**PROFITABILITY CALCULATION FOR THE PROJECT** presents the impacts of the investment on energy efficiency, as well as profitability with and without the grant. The internal rate of return, net current value and/or payback period can be used as the key indicator of profitability. The profitability calculation must be based on alternative implementation methods with regard to the new plants and on the current situation with regard to the conversion of existing plants.

The **PROJECT PLAN** must present the project schedule, general drawings showing the function, location and key equipment of the facility, and other information critical to the implementation of the project. Structural and corresponding drawings should not be attached.

If the application relates to **NEW TECHNOLOGY** a statement must be attached on the importance of the technology to Finland’s national power supply, competitiveness, export opportunities, risks associated with the technology’s introduction, and the possible linking of the project to national research programmes. In this context, new technology refers to solutions for which insufficient experience has been gathered of their functionality in commercial-scale facilities in Finland.