

PROMOTION PROGRAMMES FOR ENERGY PROJECTS IN VIENNA

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Rational use of energy and the implementation of energy processes based on renewable energy sources are main goals in the Viennese energy promotion policy. Within the climate protection programme the Vienna City Council set its targets for the reduction of carbon dioxide emissions and measures to reach these goals are on their way.

The following promotion programmes can be addressed:

- Electric energy from RES
- Solar Heat production
- Heat pumps
- Biomass combustion ovens
- District heating
- Ecological Housing
- Sanitation of buildings
- Improvement of appartments
- THEWOSAN
(Thermal – energetical sanitation of buildings)

The aim of the promotion programme for RES (renewable energy sources) is to produce electric energy from wind, sun, geothermal sources, biomass, landfill gas, biogas and gas from wastewater treatment plants. Applications are welcome from both private persons and companies. Within the scope of the promotion programme investments in production of electricity are funded as well as concepts, studies and feasibility studies. The projects get a grant of 40% of the eligible cost.

Solar energy is in the centre of the promotion programme for solar thermal systems.

Collectors and the integration into the warm water systems as well as into the heating system are funded. There are no restrictions regarding the applicants. The grant amounts approximately to 40% of the eligible cost.

Heat pumps are promoted in the context of new buildings. The efficiency of the system (COP) must be higher than 3,2. If the heat pump is only used for warm water production the amount of funding is 1100 €. In the case of integration of the heat pump in the heating system the grant is 2000 €.

In the framework of biomass combustion promotion different ovens are funded:

- Wood gasification boiler
- Wood chips combustors
- Wood pellet stoves and boilers
- Tiled stoves.

This installations need to comply with an high efficiency which is calculated by $\eta_{\min} = 80 + 2,5 \log P$. The stoves must be highly environmentally friendly. Depending on the emissions of the equipment the projects are funded between 21 to 32% of the eligible costs. The highest possible funding is 11000 €.

Persons that want to connect district heating to their house are the applicants in the framework of the district heating promotion programme. The eligible measures include all the necessary piping, instrumentation and control equipment. The amount of grant depends on the energy source substituted and ranges between 23,5 to 33,3 %.

The City of Vienna promotes also the new building of highly efficient and ecological buildings. Depending on the energy benchmark new buildings will be funded between 2900 € to 6900 €.

A very important part of the Viennese energy efficiency promotion programme is the refurbishment of buildings. Three main lines are within the scope of the programme:

- Sanitation of buildings
- Improvement of apartments
- THEWOSAN
(Thermal – energetical sanitation of buildings)

The grant amounts to some 30% of the eligible cost.