

# Tramway de Clermont-Ferrand in France



Clermont-Ferrand is the capital of the Auvergne Region and the biggest city in the Massif Central. The local economy is essentially based on industrial activities: chemicals, rubber and plastics with Michelin in particular. As member of the Association of European local authorities promoting sustainable energy policy, Energie Cités, however the city supports the reduction of greenhouse gas emissions by intelligent policy making and spectacular projects.

The most important of these projects was the reintroduction of an electric public transport system in form of a trolleybus line, whose energy needs are partly covered by renewable energy. With an output of 150kWp the Tramway de Clermont-Ferrand is the most important crystalline module installation in France, furthermore the installation of 272 modules which serve as sunshields demonstrate the superior execution of this project. The PV installation was realised by the French subsidiary of Conergy, part of the Conergy Group.



## Clermont-Ferrand Data

<b>Location</b>	Clermont-Ferrand, Auvergne region, France
<b>Output</b>	150 Wp
<b>Initial operation</b>	March 2006
<b>Systems</b>	
<b>Modules</b>	
<b>Main building</b>	666 Conergy C175M modules, 177 Wp
<b>Sun shields</b>	272 Conergy C123P modules, 123 Wp
<b>Inverters</b>	2 Sputnik Inverters, Solarmax SM100C, Solarmax SM30C