

Switzerland: ABZ Residential Area “Moos”

BIODATA

PV community name:	ABZ Residential Area “Moos”
Kind of urban area:	Residential – urban
Main building type in community:	Houses – multi-story apartment buildings
New/Retrofit/Added:	Retrofit – building integration
Type of project:	Commercial project
Start of operation:	first stage: Year 2000, second stage: Year 2003
City, state, etc.:	Marchwartstreet, Zurich
Country:	Switzerland
Latitude:	N47 20' 15”
Longitude:	E8 31' 35”

PV SYSTEM CHATACTERISTICS

Total PV power:	100 kW in total
Number of houses/buildings:	11 buildings
PV power per unit:	8,5 kW/building in average
Energy yield per year:	830 kWh/kW
Main PV system type:	Grid-connected – demand side
Main PV application type:	Inclined roof - integrated
Main PV module type:	Framed regular module
Main PV cell type:	Crystalline silicon - mono
PV module manufacturer/brand:	Solrif BP Modul 585
Inverter manufacturer/brand:	Top Class ASP
Investment for PV systems:	-

OWNERSHIP

Building owner:	ABZ general firm, Zurich
PV owner:	Edisun Power AG, Zurich
PV energy user:	Solar Stock Exchange, Zurich



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PV COMMUNITY DESCRIPTION

PV Community Brief

The ABZ Residential Area is located on the Marchwartstreet, 8038 Zurich, which is the largest city in Switzerland with around 370 000 inhabitants. The community is composed of eleven blocks multi-story apartment buildings in four rows and is in quiet residential area not far away from the center of the city.

The solar plant on this project was realized in two stages (year 2000 and 2003) the second stage was an extension, meaning that on additional roofs of the same Residential Area had more solar fields installed.

Grid issue

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Urban planning and architectural issues

The ABZ Residential Area-inhabitants accepted this solar power plant extraordinary well. It gives them a satisfying solution for their standard power consumption and thus ABZ (general firm of building contractors) realized some related Projects in series.

Economic / financial issues

The Solar Stock Exchange Zurich brokers the solar electricity. It follows special rules: the solar power comes from over 80 local producers and is sold at the purchase price to solar power subscribers, with no benefit. The purchase is at cost covering prices, promoting solar installation and the subscribers can also make a conscious contribution for the promotion of the solar electricity.

Other remarks

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COMMUNITY INFORMATION

Project leader company: Edisun Power AG, Zurich

Other project company: Enecolo AG, Monchaltorf

Project's www: www.edisunpower.com

Contact address: Enecolo AG, Mönchaltorf