



SUPSI

Swiss BiPV Competence Centre



Ertex ®

Power Grid Control Centre Vienna (A)

Building Details

CONTACTS

	Name	Website (or e-mail)
Owner	Verbund	www.gastroticino.ch
Architect	Podwin & Marginter	-
Energy Consultant	Reto Minoli, Solventure	-
PV Installer	Ertex solartechnik	www.ertex-solar.au

BUILDING

Completion year

2009 Building

2009 PV Plant

Category

New

Renovation

Enlargement

Other

Typology

Residential

Administration

Industrial

Sport

Agricultural

Urban

Historical

Other

Description

Power Grid Control was commissioned in southeast Vienna in 2009. It forms the nerve centre of the Austrian transmission grid. The facility is characterised by its striking architecture but also by the modern and state-of-the-art technology that is employed. A strip of PV semi-transparent shadings are integrated onto a glazed part of the roof.



L.Dostal ©



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BiPV Details

LOCATION OF PLANT

Roof	Flat roof	Sloped	Curved	
Façade	Cladding	Balcony	Greenhouse	Curved
Glass	Façade	Roof	Solar shading	Canopy
Orientation	South	West	East	North

ARCHITECTURAL EVALUATION

Color	Dark blue cells
Transparency	partially
Frame	Frameless glazed laminates
Aknowledgments	-

SPECIFICATION

Photovoltaic	Monocrystalline	Multicrystalline	Thin Film
PV Module	Cells	scSi	
	Module	-	
Power	kWp	5	
Size	m²	200	
Energy production	kWh/year	4 500	