



The Contribution of the Swiss Mountains to the Energy Turnaround with New Renewables

Michael LEHNING, Annelen KAHL, Felix von Rütte, Jérôme DUJARDIN, Bert KRUYT, Stuart BARTLETT

EPFL

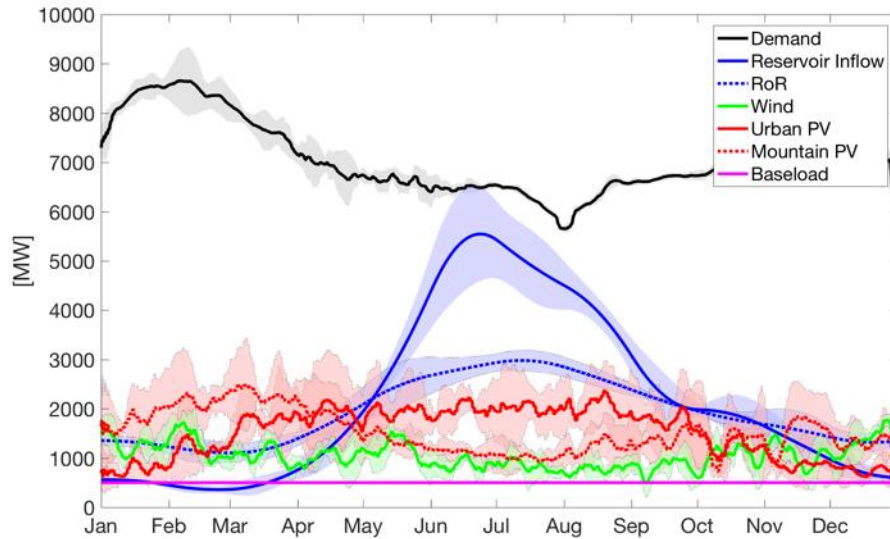


SCCER  **SoE**

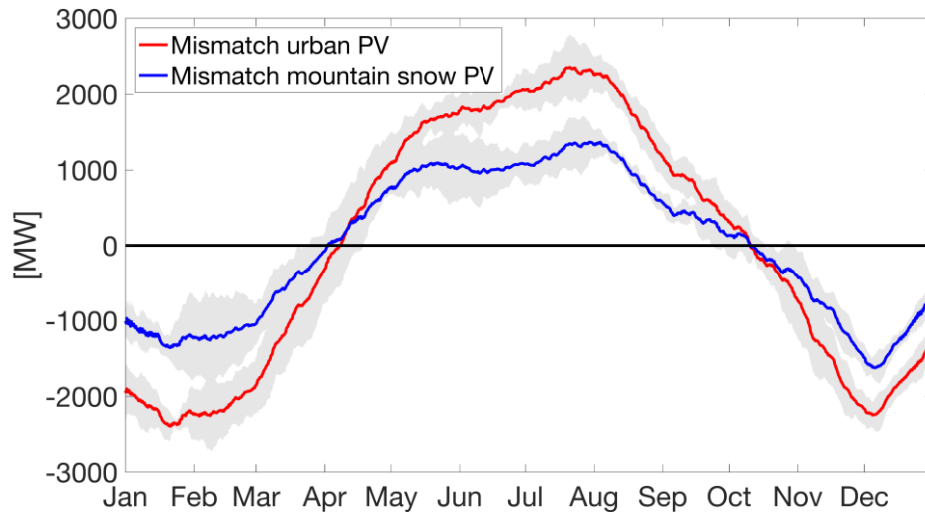
SWISS COMPETENCE CENTER for ENERGY RESEARCH
SUPPLY of ELECTRICITY

Michi Lehning - CRYOS - EPFL Laboratory of the WSL/SLF

Significant seasonal mismatch reduction



This mismatch reduction also reduces the required import of energy



	Panel tilt	PV area
urban	40°	53km ²
mountain	90°	42km ²