

# Winter power shortages won't worry off-grid Swiss valley

October 11 2022, by Agnes PEDRERO

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A solar panel on a chimney in the Bavona valley.

While people across Europe are being urged to save energy this coming winter to avert power shortages, Switzerland's Bavona Valley is unfazed, having never been plugged into the power network.

Located in the Italian-speaking Ticino region of southern Switzerland, the remote, glacially-carved valley following the Bavona river is one of the steepest in the Alps.

But there are 12 hamlets made up of stone dwellings scattered along the rugged valley which are home to a few dozen inhabitants for most of the year, except in winter when fewer than 10 stay on.

Eleven of the hamlets are not connected to the power grid, despite the area producing lots of electricity thanks to dams located high up near the mountain tops.

They were built after World War II to provide electricity for the German-speaking region of Switzerland over on the northern side of the Alps, said Romano Dado, a former local councillor in Cevio, the village at the lower end of the valley on which the hamlets depend.

Bringing power down into the valley would have required transformers, but "the people here didn't have the money for that," he told AFP. Only the last hamlet at the very top of the valley could afford this luxury.

As the decades passed, the valley's population shrank from around 500 to fewer than 50 now, according to Dado, and the inhabitants learned to get by without being on the electricity grid, making do with their fireplaces and installing solar panels on the roofs from as early as the 1980s.



Romano Dado (l), a former local councillor, with fellow villager Bice Tonini.

## **Oil lamps and candles**

Residents also use gas canisters, candles and oil lamps. To wash their clothes, "we go to the river, as always", said Tiziano Dado, Romano's stonemason brother.

The narrow valley, around 10 kilometres long (six miles) and flanked by towering slopes reaching more than 2,500 metres in altitude, has seen sometimes-fatal avalanches, floods and landslides throughout the centuries.



Seasonal migration to the summer pastures persisted in the area until the 1970s.

Families went up the valley with their animals from March until the end of December, coming back down for Christmas, said Sonia Fornera, from Orizzonti Alpini, a group of experts in Alpine history and culture.

"It was a hard life but a simple life," said Bice Tonini, 88, warming herself by the fireplace in her house.

Despite her age, she continues to live there from spring to October thanks to her solar panels.



October sunbathing next to the tiny village of Roseto near Cevio.

"There is so much wastage of electricity" in modern society, she lamented.

At night, there are no street lights to prevent her from admiring the stars—and she enjoys the nightly show far more than watching television, which is a rare sight in the valley.

## **Museum or dream?**

"We are used to living in a very simple way and we're not afraid of making savings" in terms of energy, said Ivo Dado, 81, who proudly had solar panels installed in 1987.

The former farmer—no immediate relation to the Dado brothers—is delighted that some cities are giving up on their traditional festive illuminations this December.

"This Christmas will be as before, with less light. It will be beautiful again!" he said.

This sparing attitude towards electricity is not to everyone's taste.

"Solar panels are a partial solution," Martino Giovanettina, a writer and owner of one of the few restaurants in the valley, told AFP.



Resturant owner Martino Giovanettina believes the valey is becoming an open-air 'museum' instead of orientating towards tourism.

He believes the lack of electricity, plus the stringent rules for renovating old buildings, are contributing to depopulating the valley, turning it into an open-air "museum" of the past, instead of orientating towards tourism, as neighbouring valleys have done.

The Bavona Valley has no set-up for tourists at all, apart from a cable car from the last hamlet up to the dams, and the parking of motorhomes is banned.

Doris Femminis, a 2020 Swiss Prize for Literature winner, grew up in the valley and raised goats there during her 20s. Now she recounts the

story of the Bavona Valley in her books.

Now living in the Jura mountains in western Switzerland, she returns every two months to this "wonderful place of one's childhood".

"In Switzerland, we like the idea of still having a corner of wild nature," she said, but acknowledged that such places are not suited to modern life.

"It's a place of the past," she told AFP.

"Nobody wants to live there anymore; it's just a dream."

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