



PRACTICE 03 • ENERGY FOR COMMUNITIES

New energy, new options for communities

The energy tasks of village and settlement councils: the calculation, financing matched to the scale of the community, and support through to the result.



Their scale puts communities outside the market's attention

Village and settlement councils face the same problems as cities: expensive energy, cold buildings, water supply and boiler houses stopping during outages. The only difference is scale.

A large contractor has no interest in preparing a project of a few hundred kilowatts, and a large lender none in considering a loan of a few million hryvnia. So the community is left without a solution, although its task is the same.

WHAT HURTS

The same tasks

- Expensive energy in municipal buildings
- Cold buildings and ageing equipment
- Water and heat stopping during outages
- No in-house energy engineer, no design budget

The problem is not the scale of the task but that nobody is working on it.



We start from the task, not from the technology

STEP 1

Current state

Bill structure, contracts, consumption regime, condition of equipment — where the community is losing money and energy right now.

STEP 2

Optimisation

Part of the result comes from this step alone — with no capital spending and no new equipment.

STEP 3

Investment decision

Solar, storage, a heat solution, small wind, backup power or a combination of them — as the calculation shows.

The list of technologies is not narrowed in advance: the task decides the technology.



Scale does not change the method of calculation

METHOD

8,760 hours a year

The calculation for a community is hourly — the same one used for a city or an industrial consumer.

It has to stand up to the same check as a calculation for a city: every number has a source, every deviation from the method is recorded.

INDEPENDENCE

Advice with nothing behind it

We are not tied to equipment suppliers and take no commission from them.

The list of solutions is limited by the calculation alone, not by a supplier's catalogue.

Current state first, then optimisation, and only then investment.



Financing is matched to the scale of the community

Energy performance contract

The investment is repaid out of actual savings, confirmed after implementation.

The community's own funds

Measures that pay back within the budget the community already has.

Cossack Energy capital

We come in with our own capital where the calculation proves the solution.

Small grant programmes

Sources available at this scale, rather than programmes of international banks.

We know what each source requires and prepare the project to fit it from the start.



We carry the solution through to the ~~result~~

Preparing the decision for the council session, drafting procurement requirements, checking contractors' offers, supervising delivery and confirming actual savings after implementation. Including with our own capital.

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