Reading note — the energy line, volume effect and price effect separated

LINDBERGH FORMATION — 16 rue de Maillé, 91310 Montlhéry, France · Companies register (RCS) Evry 817 946 114

Document issued on 09/11/2026

1,184 energy invoices for financial years N-2 to N, 44 municipal buildings · fictional document

Fictional document — demonstration example

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Fictional document — buildings, invoices and amounts invented for the demonstration. **This note exists for one precise reason: presented without it, the energy rise calls into question teams that had nothing to do with it. It is ready to review; the public official is the one who approves it before it enters the committee pack.**

The rise, and its breakdown across the three financial years

Energy line	N-2	N-1	N	Movement N-2 → N	Change
Total across the 44 municipal buildings	**€1.86m**	**€2.41m**	**€3.10m**	**+€1.24m**	**+66.7%**
of which PRICE effect	—	—	—	**+€918,000**	**74.0% of the rise**

Energy line	N-2	N-1	N	Movement N-2 → N	Change
of which VOLUME effect	—	—	—	**+€322,000**	**26.0% of the rise**

The split is not an estimate: it is read off the invoices. The 1,184 energy invoices of the three financial years each carry the kilowatt-hours consumed and the unit price applied — the volume effect is computed at constant N-2 prices, the price effect is the balance. **The method is written at the head of the note, so an elected member can argue with it as a method, and not as an intention.**

The three facilities carrying 72.3% of the rise

Facility	Movement N-2 → N	of which price effect	of which volume effect	Change in volume	Reading
Peupliers sports hall	**+€412,000**	**+€268,000**	**+€144,000**	**+19.4%**	**Covered hall commissioned in September N-2 — 4 months in N-2, 12 months thereafter**
Town-centre school	**+€286,000**	**+€312,000**	**−€26,000**	**−4.1%**	**Consumption FELL; the bill rises through tariffs alone**
Town hall	**+€198,000**	**+€174,000**	**+€24,000**	**+2.8%**	Volume near stable
Subtotal, 3 facilities	**+€896,000**	**+€754,000**	**+€142,000**	—	**72.3% of the total rise**

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Facility	Movement N-2 → N	of which price effect	of which volume effect	Change in volume	Reading
The other 41 buildings	**+€344,000**	**+€164,000**	**+€180,000**	—	**The only group where VOLUME outweighs price**
Total	**+€1,240,000**	**+€918,000**	**+€322,000**	—	**100%**

> **The fact that turns the reading around, and that will spare you an awkward moment in committee: the town-centre school cut its consumption by 4.1% — €26,000 less in volume — and still sees its bill rise by €286,000, because the price effect there is €312,000. Presenting its rise without that line means calling into question a team that did exactly what was asked of it. That is what this note is for, and it is also what a raw table will never say on its own.**

What the breakdown opens up as a decision — and what it closes

Finding	What it allows you to decide	What it makes pointless
74.0% of the rise comes from tariffs	**Deciding on energy purchasing and on the contract renewal calendar**	**A general saving instruction: it would bear on 26% of the rise**
The sports hall rises through a new facility	Bringing the covered hall into the baseline budget rather than treating it as overspend	Hunting for a cause on a line whose cause is dated
The town-centre school is down in volume	**Taking what was done there and applying it to the other 41 buildings**	Calling the team into question

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Finding	What it allows you to decide	What it makes pointless
The other 41 buildings: €180,000 of volume against €164,000 of price	**This is the only group where an energy-saving measure has a measurable return**	—

The next step proposed, and it is already framed: run the same price/volume split across the other 41 buildings, for the June committee. The computation is the same, the invoices are already read, and **the result will say which of the 41 deserves action and which would gain nothing from it. Costing before acting takes three hours; acting without costing takes a works season.**

Reading note reviewed and approved by the competent public official, on: _____

Breakdown of the other 41 buildings — committee chosen for its presentation: _____

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