WORKING MATERIAL 2.8 · CHAPTER 2 — THE OPERATIONAL PERSPECTIVE (SECTIONS B, C AND D) · SETTING: LONGYEARBYEN, SVALBARD, NORWAY

Energy Conservation You Can Measure

Source: Francesco Dore, The Helm and the Lens, Volume 7a — GSTC Hotel Standard v4.0, subchapter 2.8 (book page 289)

GUIDING QUESTION

In a cold place, every hotel knows that energy matters, and most know what their energy costs. Far fewer can say where it goes, by type, by area and per guest night. What changes when a hotel stops paying an energy bill and starts reading one?

1 · Verification Pact: market claims against the standard

Copied from the book. The last column is for your property: what holds here, and how you know it.

What is claimed	Binding?	What actually holds	In our property
Paying the energy bill on time shows energy is managed	No	D1.1 asks for total use and use per guest night or room, by type	
Vehicle fuel is transport, not energy	No	The guidelines to D1.1 include transportation fuel in directly managed operations	
A hotel without access to renewables cannot meet D1	No	Renewables are required where available; the guidelines ask the hotel to document constraints	
Group-level energy reporting covers every property	Only partially true	Group reporting is possible, but property-level data must be clearly distinguished	
Keycard switches must be fitted in every room at once	No	The guidelines allow a phased, multiyear plan with interim measures	
Outdoor heaters are a guest-comfort matter outside the standard	No	D1.6 asks for reduced non-renewable fuel in outdoor heating and cooling	
Fixing faults promptly is the same as maintenance	Only partially true	D1.5 asks for regular maintenance, and the guidelines for scheduled inspections and records	

2 · Common mistakes — a self-check

Tick each mistake you recognise in your own property, and note where it shows.

☐ Managing energy as a cost in money rather than a quantity in units.

☐ Leaving vehicle fuel out of the hotel's energy figures.

☐ Comparing months without relating energy to guest nights or occupied rooms.

☐ Setting a reduction target before establishing a baseline.

☐ Assuming that a lack of renewable options removes the obligation, instead of documenting the constraints.

☐ Confusing prompt repairs with scheduled maintenance and leaving no records.

☐ Ignoring outdoor heaters because they serve guest comfort.

☐ Claiming renewable operation on the strength of one installation that has never been measured.

3 · A Checklist for Energy You Can Measure

The book's checklist, with a column for your own answer.

Question	Why it matters	Our answer
Do we know our total energy use and use per guest night or room, by type, each month?	D1.1 is the basis of every other indicator	
Is vehicle and equipment fuel included in our figures?	The guidelines include transportation fuel in directly managed operations	
Do we have written annual targets for consumption and for renewables?	D1.3 asks for targets tracked annually	
If renewables are not available, have we documented why?	The guidelines ask the hotel to document constraints	
Is there a maintenance schedule with records for heating, cooling and refrigeration?	D1.5 and its guidelines ask for records as evidence	
Can our figures be separated from those of our group?	The guidelines require property-level data to be clearly distinguished	

4 · What would show this is working

Questions drawn from the subchapter's reading of the standard and its practical application. Indicator references point to the GSTC Hotel Standard v4.0; where the evidence lives is this book's practice, not a requirement of the standard.

Question	Where the evidence lives	Seen?
Is total energy measured by type, and per guest night or occupied room (D1.1)?	Monthly indicator log, energy sheet	☐
Are renewable sources used where available, and their share reported annually (D1.2)?	Supplier statements; annual report	☐
Are annual targets set for consumption and renewables, and progress tracked (D1.3)?	Target table and results	☐
Is energy and water equipment maintained on a schedule, with records (D1.5)?	Maintenance calendar and record sheets	☐
Is non-renewable fuel use in outdoor heating and cooling being reduced (D1.6)?	Equipment list and reduction plan	☐
Do staff and on-site contractors receive energy-saving guidance, and guests information (D1.7, D1.8)?	Attendance lists; guest-facing summary	☐

> *What this sheet is not: the GSTC Hotel Standard does not prescribe this form. It is a working aid drawn from the book; the standard's criteria, indicators and guidelines govern the real case. Independent material; not affiliated with or endorsed by the GSTC. The standard's own text at www.gstc.org prevails.*