Textiles / TX-03

Gas restrictions and energy planning

When gas pressure drops, export orders are put at risk. Measure consumption and prepare a contingency plan in advance.

The gas stopped. The contract deadline didn't.

According to the Business Ombudsman, a large textile enterprise in Namangan stopped operating because of a gas outage and low pressure, putting its export contracts at risk. An enterprise that does not know its energy consumption by line cannot prepare for restrictions.

Conceptual architecture. No operating results are shown.

01 Measurement	Gas · Electricity · Steam
02 Linking	Line · Order · Shift
03 Planning	Priority · Alternative · Scenario
04 Reporting	Production cost · Risk · Deadline

At a glance

1,200+ — Workers at the stopped enterprise (Ombudsman data). [1]

$2M+ — Total value of three export contracts put at risk. [1]

6 million m³ — Daily gas shortfall in winter 2025–2026, according to the Ministry of Energy. [2]

November 2026

01 Evidence and context

Who it is for

CEO	Contract risk.
Chief power engineer	Gas and electricity.
Production	Line priorities.
Export	Deadlines.

Facts and global practice

Business Ombudsman

On 25 March, an appeal was submitted to the Ombudsman: an enterprise with more than 1,200 workers stopped operating because of a gas outage and low pressure, and three export contracts worth more than $2 million were put at risk. [1]

Business Ombudsman

After the Ombudsman intervened, the enterprise was reconnected to the medium-pressure gas network. [1]

Ministry of Energy

In winter 2025–2026, the gas shortfall reached approximately 6 million m³ per day. [2]

Textile industry presentation

The official presentation listed expensive financing and logistics costs among the sector's constraining factors. [3]

An enterprise cannot control its gas supply. What it can control is knowing how much each line consumes and setting priorities for restriction periods in advance.

02 Where the losses occur

Not by line

Gas and electricity consumption by workshop is unknown.

Not linked to orders

Which order runs on which line is not linked to energy data.

No alternative

No backup fuel or generator plan has been calculated.

Late notice

Restriction notices do not arrive in time.

How the loss is calculated

Downtime	downtime (h) × output (units/h) × margin (per unit)
Contract	delayed shipments (count) × penalty per shipment
Restart	restart events (count) × cost per restart
Wages	downtime (h) × workers × hourly wage rate (per worker-hour)

Illustrative calculations; establish the baseline, units and rates during the site assessment. Avoid counting the same loss twice.

03 Solution architecture

Consumption, priorities and planning

Energy consumption by line is linked to orders. Which orders go first during a restriction is calculated in advance.

01 Measurement

Gas · Electricity · Steam

02 Linking

Line · Order · Shift

03 Planning

Priority · Alternative · Scenario

04 Reporting

Production cost · Risk · Deadline

Modules

Energy measurement	Meters (via partner)	Engineering capability
Order-to-line linking	Production plan	Engineering capability
Restriction scenarios	Prioritisation	Engineering capability
1C integration	Production cost	Commercially available

Each module has a readiness status. Third-party results are not a forecast for your site.

04 Implementation and measurement

01 Energy audit

Meters and lines.

Output: metering map.

02 Measurement

60 days.

Output: consumption by line.

03 Scenarios

Winter plan.

Output: readiness.

04 Subscription

Monthly report.

Output: trend.

What is measured

Consumption	kWh and m³ per unit of product	Meter
Downtime	Hours	Log
Delayed shipments	Count	System
Scenario readiness	Yes/no	Plan

What is needed to start

- Chief power engineer
- List of meters
- Order plan
- List of lines

05 Readiness checklist and next step

01 Is gas consumption by line known?	Yes / No / Unknown
02 Is electricity consumption broken down by workshop?	Yes / No / Unknown
03 Is each order's line assignment linked to energy data?	Yes / No / Unknown
04 Is there a list of priority orders for restriction periods?	Yes / No / Unknown
05 Has an alternative energy source been assessed?	Yes / No / Unknown
06 Is there a procedure for notifying buyers in advance?	Yes / No / Unknown
07 Are downtime hours recorded?	Yes / No / Unknown
08 Is the restart cost known?	Yes / No / Unknown
09 Has a winter plan been prepared?	Yes / No / Unknown
10 Is there a designated responsible person?	Yes / No / Unknown

What we do not promise

• Exact timeline and price without an audit

• Guarantee of meeting buyer requirements

• Certification

• Unmeasured results or savings

• Gas supply

Energy audit

We measure consumption by line and prepare a plan for restriction periods.

• Metering map

• Winter plan

• Implementation fee and monthly subscription

Scope, price and schedule are agreed after reviewing the site and its data.

06 Sources and scope

[1] Business Ombudsman report: textile enterprise in Namangan stopped due to gas outage. spot.uz, 03.04.2026.

spot.uz

[2] Ministry of Energy: winter 2025–2026 gas restrictions. spot.uz, 26.02.2026.

spot.uz

[3] Presentation on the textile industry's 2025 results and 2026 objectives. gov.uz, 24.12.2025.

gov.uz

Prepared from the cited sources. Vendor statements and reported sector figures are attributed, not independently verified here. No performance, certification or regulatory outcome is guaranteed. Check the current official rules before making decisions.

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