

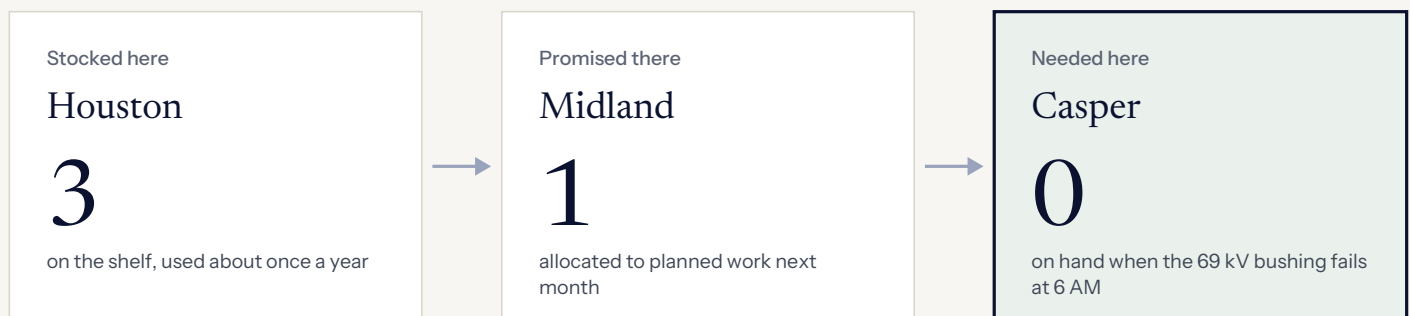
Sample Energy Co.

Summary.

A missing part stops the work. So does a part at the wrong site. This Core Diagnostic maps 150 critical parts against where failures happen at Houston, Midland, and Casper, and shows what to hold, how many, and where. Delivered in six weeks.



One part shows the pattern.



$$\begin{array}{ccccc} \$8,000 & \times & 44 \text{ hours} & = & \$352,000 \\ \text{downtime per hour} & & \text{to bring the nearest spare} & & \text{for a part they already owned} \end{array}$$

The fix

- **Move two bushings from Houston to Casper.** One freight move, made months before the failure, instead of 44 hours of downtime.
- **Set a minimum of two at Casper.** Casper sees most of the failures, so it holds the stock from now on.
- **Keep one at Houston.** Enough for its once-a-year use, with the third freed up for the network.

Ranked by downtime cost

What to hold, how many, and where.

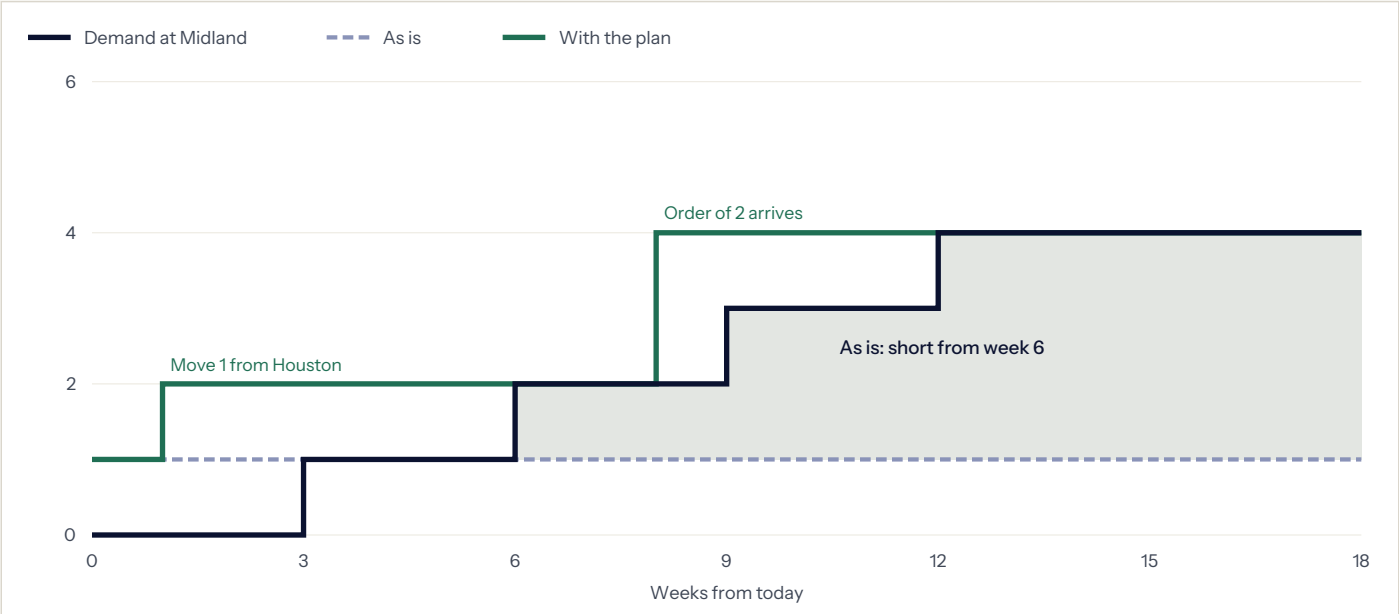
Every critical part is ranked by what an hour without it costs, with the minimum each site must hold and what to move, what to buy, or what to leave alone. The top five are below; all 150 are in the workbook.

Part	Downtime / hour	Site	Minimum	On hand	Action
Transformer bushing, 69 kV	\$8,000	Casper	2	0	Move 2 from Houston
Main bearing set	\$6,500	Midland	1	1	Leave alone
UPS battery module	\$5,200	Midland	2	0	Buy 2 now
Pump mechanical seal kit	\$4,800	Midland	3	0	Move 1 from Houston, buy 2
PLC processor module	\$3,900	Casper	3	1	Buy 2

Parts below their site’s minimum go on the watchlist. One already in transit is counted for the seal kit.

Demand forecast: pump seal kit at Midland

Units Midland will need over the next 18 weeks, against units on hand or on the way. Where demand rises above supply, work stops.

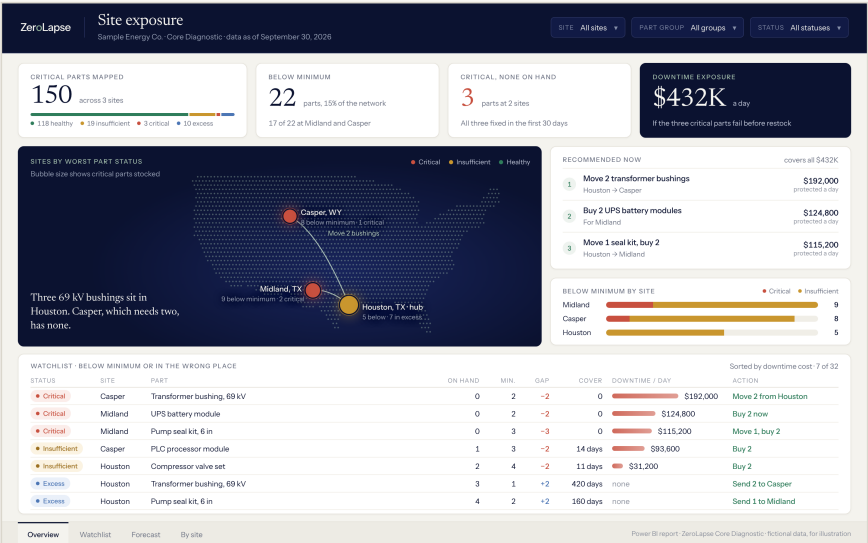


Across all 150 parts

- 22 parts below minimum. Three are critical, with none on hand. Moving stock already owned fixes the worst of them.
- Midland and Casper carry the risk. 17 of the 22 sit there, while Houston, the hub, holds most of the excess.

Days 1 to 90

The plan, and what you receive.



The Dashboard

The same findings, live in Power BI. Filter by site, part group, or status. Each site is colored by its worst part, with the moves that fix it.

PDF Report

Findings, minimums, and the plan, written for leadership.

Excel Workbook

All 150 parts by site, with forecast and watchlist.

With your team Walkthrough

We go through the findings and the plan together.

The 90-day plan

Days 1 to 30

Move and buy first

- Move 2 bushings to Casper and 1 seal kit to Midland.
- Buy 2 UPS modules and 2 seal kits.

Days 31 to 60

Set every minimum

- Bring the other 19 parts up to minimum.
- Approve each site's minimums and rebalance the excess.

Days 61 to 90

Confirm it held

- Re-run the map on fresh usage.
- Check that no spare has drifted back.

This is the fixed-fee Diagnostic, agreed in writing and run under a mutual NDA. Each quarter after, Continuity resets the minimums and refreshes the dashboard as your operation changes.

Start with a 30-minute conversation.

Complimentary, to confirm fit and scope. zerolapsegroup.com/booking.html