

The Factory Was Already There

Six independent firms. One qualified production promise. No shared private model.



FIXTURE REVISION 2026-08-27.2

EXECUTION PASSED | ORACLE REVIEWED | FINAL VERIFICATION PASSED

420

factory-complete units

14

lots of 30

98

lot-level activities

432

qualified critical kits

12

protected buffer kits

THE OPERATING STORY

An installer has a ten-day winter window for 420 cold-climate heat pumps. Six firms must compose material, qualified work, calibration, test, release, internal transport, energy, and outbound sequence into one complete route.

ONE FACT CHANGES

At MON 10:13, Cirrus QMS reports leak-test station LT-882 out of tolerance. Lot 48-03 is held, nine unstarted refrigerant-circuit lots and two WIP shuttle routes are in the declared affected region, and future station availability becomes false.

THREE BOUNDED REPAIRS

WAIT

Wait for recalibration

Misses installation sequence

INFEASIBLE

ONE CELL

Move to one neighboring line

Test and dock windows fail

INFEASIBLE

TWO CELLS

Split work; exchange two test windows

Complete route remains feasible

SELECTED

PLAN MARGIN

PARK-PLAN-114 158 min

-29 min after repair

PARK-PLAN-115 129 min

AUTHORITY STOPS BEFORE ACTION

Grid may assemble and repair a proposed plan. Tenant owners, quality authorities, the contractual prime, and external execution systems accept and perform it. An acknowledgment can establish commitment evidence; it is not dispatch, execution, release, or outcome evidence.

A verified fixture is not a factory outcome

Verification closes the publication proof loop. It does not advance the real-world authority rail.



WHAT VERIFICATION ESTABLISHES

- Exact source, model, test, and retained evidence bindings
- Deterministic publication-fixture execution: 14 of 14 tests passed
- Exact baseline, quality disturbance, repairs, and negative cases
- Independent oracle review and final package comparison
- Only the Grid FYI fixture at revision 2026-08-27.2

WHAT REMAINS NOT EVIDENCED

- Grid runtime execution
- Plant or manufacturing-system integration
- Physical execution or production dispatch
- Quality release or certification; energy delivery
- Commercial acceptance or safety performance
- Any operational or customer outcome

AUTHORITY AND EVIDENCE RAIL



SOURCES AND RETAINED EVIDENCE

CANONICAL SOURCE

MANUFACTURING_PARK_EDGE_SCENARIO.md | source revision 2026-08-26.2

PACKAGE EVIDENCE

scenario-packages/manufacturing-park-factory-was-already-there/fixtures/fixture.json
 scenario-packages/manufacturing-park-factory-was-already-there/evidence/execution.json
 scenario-packages/manufacturing-park-factory-was-already-there/evidence/oracle-review.md
 scenario-packages/manufacturing-park-factory-was-already-there/evidence/verification.json

DOMAIN CONTEXT - NOT FICTIONAL OUTCOME EVIDENCE

NIST Digital Thread for Smart Manufacturing | nist.gov/programs-projects/digital-thread-smart-manufacturing
 GS1 EPCIS 2.0.1 | ref.gs1.org/standards/epcis/2.0.1/

Public sources ground digital-thread and interoperable event concepts. They do not establish a Grid deployment, product result, operational recommendation, fictional event, or customer outcome.