Cold Storage Facility

Field Data Collection Form

Version 3.8 - January 2026

This form is designed for field workers to collect facility-specific data on-site. Complete all relevant sections and use this form as reference when entering data into the SYNEREX UI.

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1. PROJECT INFORMATION

Client/Company Name	
Project Name/ID	

Project identifier or name

Project Description	

Brief description of the project

Facility Location

Facility Address (Street)	
City	
State/Province	
ZIP/Postal Code	
Country	

Country where facility is located

Project Location

Project Address (Street)	

Physical location where project work is performed (if different from facility)

Project City	

City where project work is performed

Project State/Province	

State/Province where project work is performed

Project ZIP/Postal Code	

ZIP/Postal code for project location

Project Country	

Country where project work is performed

Primary Contact Information

Point of Contact Name	

Primary contact person name

Contact Title/Role	

Job title or role of contact person

Contact Phone	
Contact Email	

Contact Mobile/Cell	

Mobile phone number (optional)

Contact Location

Contact Address (Street)	

Contact person's business address (if different from facility)

Contact City	

City where contact person is located

Contact State/Province	

State/Province where contact person is located

Contact ZIP/Postal Code	

ZIP/Postal code for contact location

Contact Country	

Country where contact person is located

Additional Project Information

Project Manager Name	

Name of project manager

Project Manager Email	

Email of project manager

Project Manager Phone	

Phone of project manager

Project Start Date	

Date when project work began

Project End Date	

Expected or actual project completion date

Project Date (Form Completion Date)	

Date this form is being completed

Secondary Contact (Optional)

Secondary Contact Name	

Alternative contact person

Secondary Contact Title/Role	

Job title or role

Secondary Contact Phone	

Phone number

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Secondary Contact Email	

Email address

2. TEST PARAMETERS

Test Type	[ ] Power Quality [ ] Energy Savings [ ] Harmonic Analysis
Circuit Name	

Test Period	Before:	After:

Start and end dates

Test Duration	

Auto-calculated from CSV data

Meter Name	
Meter Specification	[ ] Class 0.2 [ ] Class 0.5 [ ] Class 1.0 [ ] Class 2.0
Interval Data	[ ] 1-minute [ ] 15-minute [ ] Hourly

3. WEATHER DATA

Temperature	Before: deg F	After: deg F

Average temperature during test period

Humidity	Before: %	After: %

Average relative humidity

Weather Data Source	[ ] Automatic API [ ] Manual Entry

4. BILLING INFORMATION

Utility Company	
Account Number	
Energy Rate	$/kWh

Cost per kilowatt-hour

Demand Rate	$/kW-month

Cost per kilowatt per month

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5. COLD STORAGE FACILITY CONFIGURATION

Enter product and storage information to calculate energy intensity metrics (kWh per unit of product)

Product Type	[ ] Meat (Beef, Pork, Poultry) [ ] Seafood [ ] Dairy Products [ ] Produce (Fruits, Vegetables) [ ] Frozen Foods [ ] Pharmaceuticals [ ] Other:

Type of product stored in the facility

Other Product Type Description (if Other selected)	

Describe product type when 'Other' is selected

Product Weight Unit	[ ] Pounds (lbs) [ ] Tons (US) [ ] Kilograms (kg) [ ] Metric Tons

Unit of measurement for product weight

Product Weight	Before Period:	After Period:

Total weight of product stored during baseline and measurement periods

Storage Capacity	[ ] lbs [ ] tons [ ] kg [ ] metric tons

Maximum storage capacity of the facility

Storage Temperature Setpoint	°F

Target storage temperature for the facility

Storage Utilization	%

Average percentage of storage capacity utilized (0-100%)

Storage Duration	Before Period: days	After Period: days

Average number of days product is stored during baseline and measurement periods

Product Turnover Rate	times/year

Number of times inventory is completely replaced per year

6. NOTES

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