Manufacturing & Industrial 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.

1. CLIENT INFORMATION

Enter client/company information for this project

Company Name	

Client or company name

Company Address (Street)	

Street address

City	

City name

State/Province	

State or province abbreviation

ZIP/Postal Code	

Postal code

Country	

Country (if outside US)

Primary Contact

Contact Name	

Primary contact person name

Contact Email	

Contact email address

Contact Phone	

Contact phone number

Contact Mobile/Cell	

Mobile phone number (optional)

2. 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

Secondary Contact Email	

Email address

3. TEST PARAMETERS

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

Powered By

SYNEREX™
LABORATORIES, LLC

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

4. 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

5. BILLING INFORMATION

Utility Company	
Account Number	
Energy Rate	$/kWh
Cost per kilowatt-hour	

Demand Rate	$/kW-month
Cost per kilowatt per month	

6. MANUFACTURING & INDUSTRIAL FACILITY DATA

Facility Type	[ ] Manufacturing Plant [ ] Assembly Plant [ ] Processing Facility [ ] Foundry [ ] Chemical Processing [ ] Food Processing [ ] Textile [ ] Automotive [ ] Electronics [ ] Pharmaceutical [ ] Paper/Pulp [ ] Other: _____
Facility Area	_____ sqft
Total facility floor area	

Number of Production Lines	_____

Total number of production lines

Number of Machines/Equipment	_____

Total number of machines

Operating Hours per Day	_____ hours

Average operating hours per day

Number of Shifts per Day	_____

Number of production shifts

Units Produced	Before: _____	After: _____

Total units produced

Machine Hours	Before: _____ hours	After: _____ hours

Total machine operating hours

Production Rate	_____ units/hour

Average production rate

Product Type / Industry	_____

Compressed Air System

Compressed Air Power	_____ kW

Total compressed air system power

Compressed Air Flow	_____ CFM

Compressed air flow rate

Compressed Air Pressure	_____ psi

Operating pressure

Total Motor Horsepower	_____ HP

Total installed motor horsepower

Process Heating Power	Before: _____ kW	After: _____ kW

Process heating equipment power

Pump Power	_____ kW

Pump system power

Welding Equipment Power	_____ kW

Welding equipment power

Conveyor Systems Power	_____ kW

Conveyor system power

Material Handling Power	_____ kW	

Material handling equipment power

Process Cooling Power	_____ kW	

Process cooling equipment power

Water Treatment Power	_____ kW	

Water treatment system power

Ventilation Power	_____ kW	

Ventilation system power

HVAC Power	Before: _____ kW	After: _____ kW

HVAC system power

Lighting Power	_____ kW	

Lighting system power

Other Process Loads	_____ kW	

Other process loads

Power Factor	Before: _____	After: _____

Average power factor (0-1)

Peak Demand	Before: _____ kW	After: _____ kW

Peak electrical demand

Demand Charge Rate	_____ $/kW	

Utility demand charge rate

7. NOTES

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