

Energy consumption optimization

This workflow automatically monitors energy consumption across laundromat locations and implements optimization strategies to reduce utility costs and improve operational efficiency.

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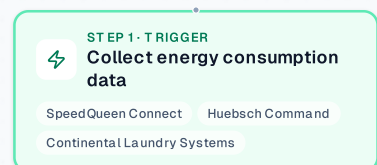
WORKFLOW TRIGGER



Daily energy consumption data is collected from all laundromat equipment at midnight

Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.



STEP 2 · ACTION
Analyze consumption patterns
Wash Tracker

STEP 3 · DECISION
Evaluate optimization opportunities
Wash Tracker

STEP 4 · ACTION
Implement load balancing adjustments
Speed Queen Connect Huebsch Command
LaundryPay

STEP 5 · ACTION
Generate maintenance alerts
Dexter Connect
Continental Laundry Systems

STEP 6 · OUTPUT
Deliver optimization report
Wash Tracker



Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

Collect energy consumption data

Automated system pulls daily energy usage metrics from all washers, dryers, and facility systems across all locations. Data includes peak usage times, machine-specific consumption, and total facility energy draw.

2

 ACTION

Analyze consumption patterns

System processes energy data to identify usage spikes, inefficient machines, and peak demand periods. Compares current consumption against historical baselines and industry benchmarks.

Wash Tracker

3

 DECISION

Evaluate optimization opportunities

Algorithm determines if energy consumption exceeds thresholds or if specific optimization strategies should be triggered. Routes workflow based on severity of inefficiencies detected.

Wash Tracker

4

 ACTION

Implement load balancing adjustments

System automatically adjusts machine scheduling and cycle timing to distribute energy load more evenly throughout the day. Delays non-critical operations to off-peak hours when possible.

SpeedQueen Connect

Huebsch Command

LaundryPay

5

 ACTION

Generate maintenance alerts

AI Business OS

Creates work orders for equipment showing abnormal energy consumption patterns that may indicate mechanical issues. Schedules preventive maintenance for energy-inefficient machines.

Dexter Connect

Continental Laundry Systems

6

⌂ OUTPUT

Deliver optimization report

Generates comprehensive energy optimization report with implemented changes, projected savings, and recommended manual interventions. Sends alerts to facility managers and corporate headquarters.

Wash Tracker



Outputs

- Daily energy optimization report
- Automated machine scheduling adjustments
- Maintenance work orders for inefficient equipment



Key Metrics

- Percentage reduction in energy consumption

- Cost savings per location

AI Business OS

Equipment efficiency scores



Tools & Integrations

- SpeedQueen Connect
- Huebsch Command
- Continental Laundry Systems
- Wash Tracker
- Dexter Connect
- LaundryPay

Actionable AI implementation strategies for
AI Business OS ready to transform their
operations.

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