Making Utility Bill & Energy Management
easier. smarter. :) friendlier.
Almost 40 Years of Innovation

7 generations of OS and database technology

26 major product version releases since 1982
EnergyCAP Users—Government

State Gov’t – 25% of all states
PA, RI, CO, DC, SD, MT, MD, OK, OR, TN, CT, SC, MI, Alberta, Ontario, Manitoba

Cities – 4 of top 8, 17 of top 50
Phoenix, Tucson, Los Angeles, Philadelphia, San Diego, San Francisco, San Bernardino, Virginia Beach, Minneapolis, Tampa, Baltimore, Toronto, Denver, Jacksonville, Richmond, Cleveland, Portland, OK City, Norwalk, Chandler, Corona, Sacramento, Louisville, Sacramento, Corona

Counties – 3 of top 10
Miami-Dade FL, Orange CA, Riverside CA, Santa Barbara CA, Fairfax VA, Pima AZ, Montgomery MD, Prince Georges MD, Cobb GA, Loudoun VA, Hennepin MN, Fulton GA

Federal – on GSA price list, certified veteran-owned small business
U.S. Dept of Energy (3 National Labs), Smithsonian, USMC Camp Pendleton, Natural Resources Canada, National Guard (multiple states)
Common Challenges

Multiple systems (Accounting, Excel, Metering, etc.)

Decentralized or inefficient bill processing and access to data

‘Eyeball test’ vs Detailed auditing of utility bills

Energy reduction, ENERGY STAR, GHG mandates

Objective measurement & verification of savings on energy initiatives

Rebilling tenants or cost allocation to departments within shared facilities

Reporting and communication of data to key stakeholders
Energy Management

- Weather normalizations
- EUI-energy utilization index
- Energy, utilities, & sustainability reporting
- Carbon footprint reporting
- Benchmarking
- M&V cost avoidance calculations
- Automated ENERGY STAR interface
- Public dashboards
- Maps & snapshots
- Performance vs. targets
Key Features & Functions
Track any **commodity** and any **unit of measure**, including non-energy utilities like water, sewer, trash, recycling, traction power, mileage and onsite generation like steam, chilled water, and solar
Workflow settings give you control over processes for entering, importing, auditing, verifying, approving, and paying utility bills.

Multiple ways to enter utility bills:
- Manual Entry
- Electronic Import (.CSV, .TXT, .XLS)
- Bill Processing Service
Your electricity charges

These charges are for the electricity you used (kWh) and getting that electricity to you (delivery). Kansas has a daily charge for the entire month. On the other hand, you pay a fixed fee for the entire month. We prorate your bills accordingly.

Electricity used during this billing period from Nov 16, 2017 to Dec 15, 2017

<table>
<thead>
<tr>
<th>Name</th>
<th>kWh used</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential</td>
<td>9200</td>
<td>0.03287</td>
<td>293.50</td>
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</tbody>
</table>


**Total electricity charges** $5,659.88

**Your supply charges**

These charges represent the delivery portion of your electricity bill. You will receive a separate bill for your meter supply. If you have any questions about your supply bill, please contact DIRECT ENERGY BUSINESS at 1-866-955-6615.

**Your delivery charges**

- **Energy delivery**: 72,800 kWh at $0.03287/kWh = $2,350.49
- **Demand delivery**: 136 kW at $0.20/kW = $27.20
- **System Benefit Charge**: $487.70
- **System Effort Charge**: $102.00/kWh = $102.00

**System Benefit Charge**: $487.70

**System Effort Charge**: $102.00/kWh = $102.00

**Energy Delivery**: 72,800 kWh at $0.20/kW = $14,560.00

**Total Delivery Charge**: $15,037.70

**Your total charges**: $5,659.88

Contact Con Edison for more information on their services and other tax charges.

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**Account Details**

- **Con Edison**
- **Vendor ID**
- **Account**
- **11/16/2017-12/19/2017**

**Monthly Overview**

- **Total Cost** $5,659.88
- **Energy Delivery** 72,800 kWh at $0.20/kW = $14,560.00
- **Demand Delivery** 136 kW at $0.20/kW = $27.20
- **System Benefit Charge**: $487.70
- **System Effort Charge**: $102.00/kWh = $102.00
- **Total** $5,659.88

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**Payment Methods**

1. **Direct Payment**: Pay your bill automatically from your checking or savings account. Visit www.coned.com or call 1-800-367-7000.
2. **Internet**: Pay online at www.coned.com or pay by phone at 1-800-367-7000.
3. **Phone**: Pay by phone at 1-800-367-7000.
4. **In-Person Payment toaster appliances**: Visit www.coned.com for the nearest toaster appliance in your area. Our walk-in center is open Monday to Friday, 8:30 am to 5:30 pm.

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**Contact Information**

- **Con Edison**, JAV Station, PO Box 1702, New York, NY 10118
- **Phone**: 1-800-367-7000
- **Email**: MapleCove@ConEd.com
- **Address**: 1775 Second Avenue, New York, NY 10118
- **Website**: www.coned.com

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**Average Daily Use**

- **January**: 72,800 kWh
- **February**: 72,800 kWh
- **March**: 72,800 kWh

**Average Cost Per Day**

- **January**: $15,037.70
- **February**: $15,037.70
- **March**: $15,037.70

**Average Unit Cost**

- **January**: $0.20/kWh
- **February**: $0.20/kWh
- **March**: $0.20/kWh

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**More Information**

For more information, call 1-800-75-CONED (1-800-75-6633).
Use customizable audits to verify utility bill accuracy and spot problems.
Import and analyze meter interval data for detailed energy consumption analysis.
From submeters and % splits, create chargeback and/or tenant cost allocation bills
Create detailed budgets, accruals, and usage forecasts.
Communicate and manage via user-configurable dashboards.

https://goo.gl/Vd5qwX
Compare buildings and meters within your portfolio using benchmarking charts.

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<thead>
<tr>
<th>Annualized Cost/Area</th>
<th>$2.14/ft²</th>
<th>$3.71/ft²</th>
<th>$6.62/ft²</th>
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</tbody>
</table>
Submit your building data to Portfolio Manager.
View and analyze data via reports, charts, and graphs.
Perform IPMVP-compliant measurement and verification of savings and cost avoidance. Normalize data.
Calculate carbon footprint using provided EPA emission factors, or use your own factors.
A Smart Investment

A comprehensive Utility Bill & Energy Management solution can pay for itself in under 12 months.
Guide to Payback

Monitoring Consumption and Costs
Save 1 to 4%
• Analysis of costs and consumption
• Monitoring load curves
• Configurable alerts

Payment of invoices
Save 0.5 to 2%
• Streamlined workflow
• Automated payments
• Reduction of late fees

Automated data collection
Save $0.50 to $5 per bill
• Automatic entry of bills
• Enhanced workflow process

Rate Optimization
Save 2 to 3%
• Identify rate issues
• Negotiate contracts

Energy Efficiency Projects
Save 1 to 10%
• Measure, improve, verify savings

Communication
Save 1 to 5%
• Stakeholder involvement
• Developing good practice
• Automated emails
• Web and mobile access

Benchmark
Save 1 to 3%
• Identify facilities to improve
• Continuous improvement process

Invoice control
Save 1 to 3%
• Detect errors
• Correct errors
Questions?
Thank You!