

Welcome!

Agenda

- Energy Efficiency options for ComEd customers
- Solar updates
 - Rooftop solar
 - community solar
 - Solar group buy
- DCEC updates



HOME Energy Savings

Saving Energy & Money



Sarah Moskowitz
Deputy Director
Citizens Utility Board of Illinois



CITIZENS UTILITY BOARD (CUB)



**Volunteer
with CUB!**

Represents utility ratepayers:

- Illinois Commerce Commission, IL General Assembly, Courts

Helps individuals:

- 1-800-669-5556 (hotline)
- citizensutilityboard.org

Conducts Consumer Education

- Outreach events (~500/yr)
- Virtual Utility Bill Clinics: email scanned bills to: ubc@citizensutilityboard.org
- Media & publications

**Advocates for affordable
and sustainable energy
policies in IL**



CITIZENS UTILITY BOARD (CUB)

Pesky consumer advocates...

Rrrrrrrr!!



Great utility programs

...gifts from the heavens??



Good policy is hard work

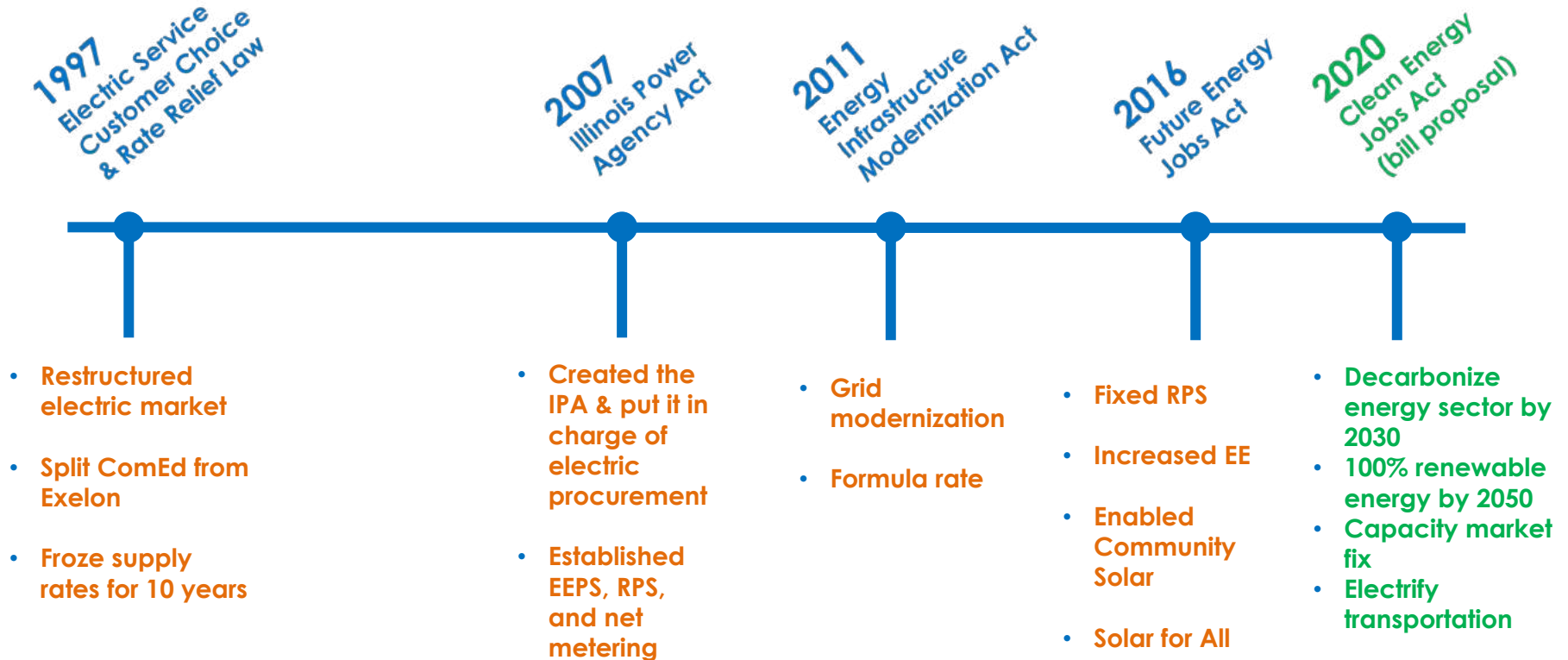


- Passage
- Design
- Implementation

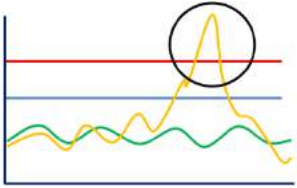


Illinois Energy Policy:

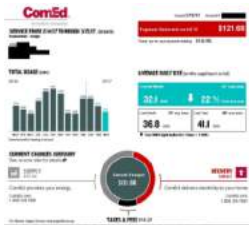
It's a process



What can we do NOW?



Energy efficiency/peak demand control



(“Green” energy plans??)



Renewable energy



An Exelon Company

SERVICE FROM 2/14/17 THROUGH 3/15/17 (29 DAYS)

Residential - Single

Julie [REDACTED]

Issued 3/15/17

Account # [REDACTED]

Payment Deducted on 4/6/17

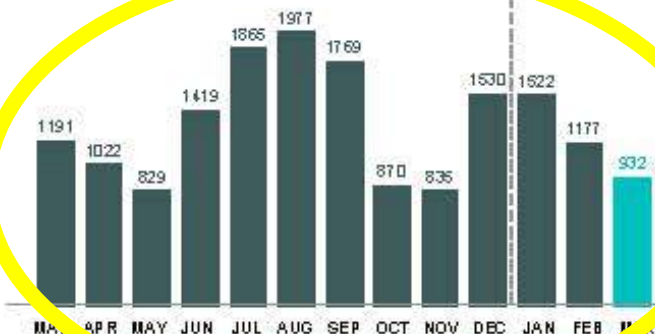
\$121.68

Thank you for your payments totaling **\$144.98.**

TOTAL USAGE (kWh)

2016

2017



Current month's reading is actual.

AVERAGE DAILY USE (monthly usage/days in period)

Current Month

41° avg. temp

32.1 kWh



22 % from last year

Last Month

33° avg. temp

36.8 kWh

Last Year

40° avg. temp

41.1 kWh

⚡ Ten 100W light bulbs for 1 hour = 1 kWh

CURRENT CHARGES SUMMARY

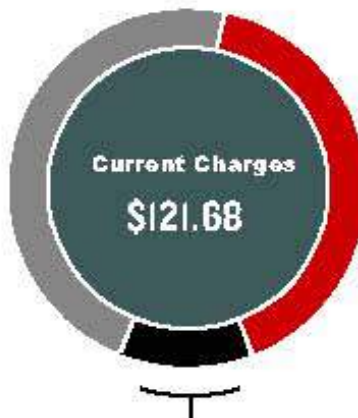
See reverse side for details ➡



SUPPLY
\$57.64

ComEd provides your energy.

ComEd.com
1.800.334.7661



TAXES & FEES \$14.37

DELIVERY
\$49.67



ComEd delivers electricity to your home.

ComEd.com
1.800.334.7661



English **1.800.EDISON1 (1.800.334.7661)**
Español **1.800.95.LUCES (1.800.955.8237)**
Hearing/Speech Impaired **1.800.572.5789 (TTY)**
Federal Video Relay Services (VRS) **Fedvrs.us/session/new**

\$121.68

Read Dates	Meter Number	Load Type	Reading Type	Previous	Present	Difference	Multiplier	Usage
2/14-3/15	27	General Service	Total kW/h	29012 Actual	29944 Actual	932	x1	932

Residential - Single 2/14/17 - 3/15/17 (29 Days)

SUPPLY

\$57.64

Electricity Supply Charge	932 kWh X 0.05055	\$47.11
Transmission Services Charge	932 kWh X 0.01263	\$11.77
Purchased Electricity Adjustment		-\$1.24

DELIVERY - ComEd

\$49.67

Customer Charge		\$11.21
Standard Metering Charge		\$4.70
Distribution Facilities Charge	932 kWh X 0.03505	\$32.67
IL Electricity Distribution Charge	932 kWh X 0.00117	\$1.09

TAXES & FEES

\$14.37

Environmental Cost Recovery Adj	932 kWh X 0.00033	\$0.31
Energy Efficiency Programs	932 kWh X 0.00333	\$3.10
Franchise Cost	\$49.10 X 4.10700%	\$2.02
State Tax		\$3.08
Municipal Tax		\$5.88

Service Period Total	\$121.68
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Thank you for your payment of \$144.98 on March 8, 2017

Total Amount Due	\$121.68
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UPDATES

ComEd

- **SMART GRID:** See how the Smart Grid is ensuring fewer and shorter power outages at ComEd.com/SmartGrid
- **HIGH USAGE ALERT:** If your home has a smart meter, sign up to receive a High-Usage Alert - by text, phone or email - when your electricity usage is trending higher than usual. Visit ComEd.com/OnlineTools for more information.
- **DISCOUNTS ON LED BULBS:** Save up to \$7.27 each year when you replace a single 60-watt incandescent bulb with an ENERGY STAR certified LED. Learn more at ComEd.com/Lighting
- **ILLINOIS COMMERCE COMMISSION CONSUMER DIVISION:** (800-524-0795) The Consumer Services Division is available to help resolve disputes with ComEd. However, customers should contact ComEd before seeking assistance from the ICC.
- The amount of this bill will be automatically deducted from your bank account on April 6, 2017.

1000





nicorgas.com/myaccount
1 888 Nicor4U 1 888 642-6748

Account Summary for

Account Number: [REDACTED]
Meter Number: [REDACTED]
Service Address: [REDACTED] Rosele
Bill Period: 12/02/15 - 01/04/16 (33 days)
Bill Issue Date: 01/07/16
Total Previous Balance \$21.45
Payment Received 12/29/2015 - Thank you! -\$21.45
Remaining Balance \$0.00
New Charges - Utility \$25.52
New Charges - Additional Products & Services \$263.75
Total Amount Due by 01/29/2016 \$289.27

New Charges - Residential - Heat

A Message for You

Your Customer Select supplier is **ABC Supplier Inc.** For questions relating to your natural gas cost, contact your supplier at: 877 228-9427. If you have any questions regarding natural gas safety, call Nicor Gas at 1 888 642-6748. Learn more about payment options and changes coming soon to our processing vendors fees by visiting nicorgas.com.

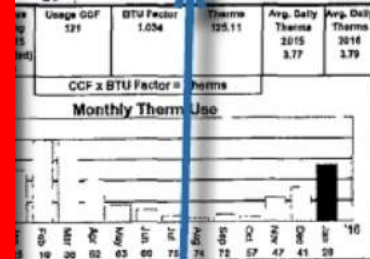
Total - Additional Products & Services \$263.75
Customer Select supplier previous balance \$0.00
ENERGY CHARGE-125THM@1.26016 PER THM 01/04/2016 \$157.52
ADJUSTMENT 01/04/2016 \$106.23
Total Due ABC Supplier Inc. \$263.75
ABC Supplier Inc. Questions? Please call 1-877-555-5555

A Message for You

Your Customer Select supplier is **ABC SUPPLIER** For questions relating to your natural gas cost, contact your supplier at: **1-555-555-5555** If you have any questions regarding natural gas safety, call Nicor Gas at 1 888 642-6748.

Your safety is important to us. Ask to see an employee ID when our field team is working in or around your premises. Also, verify your account information with customer service before making a transaction over the phone.

Energy Profile



Taxes
Municipal Utility Tax for Rosele \$21.40 @ 5.15% \$1.10
Utility Fund Tax \$21.40 @ 0.1% \$0.02
State Gas Use Tax 125.11 @ \$0.024 = \$3.00
Total \$25.52

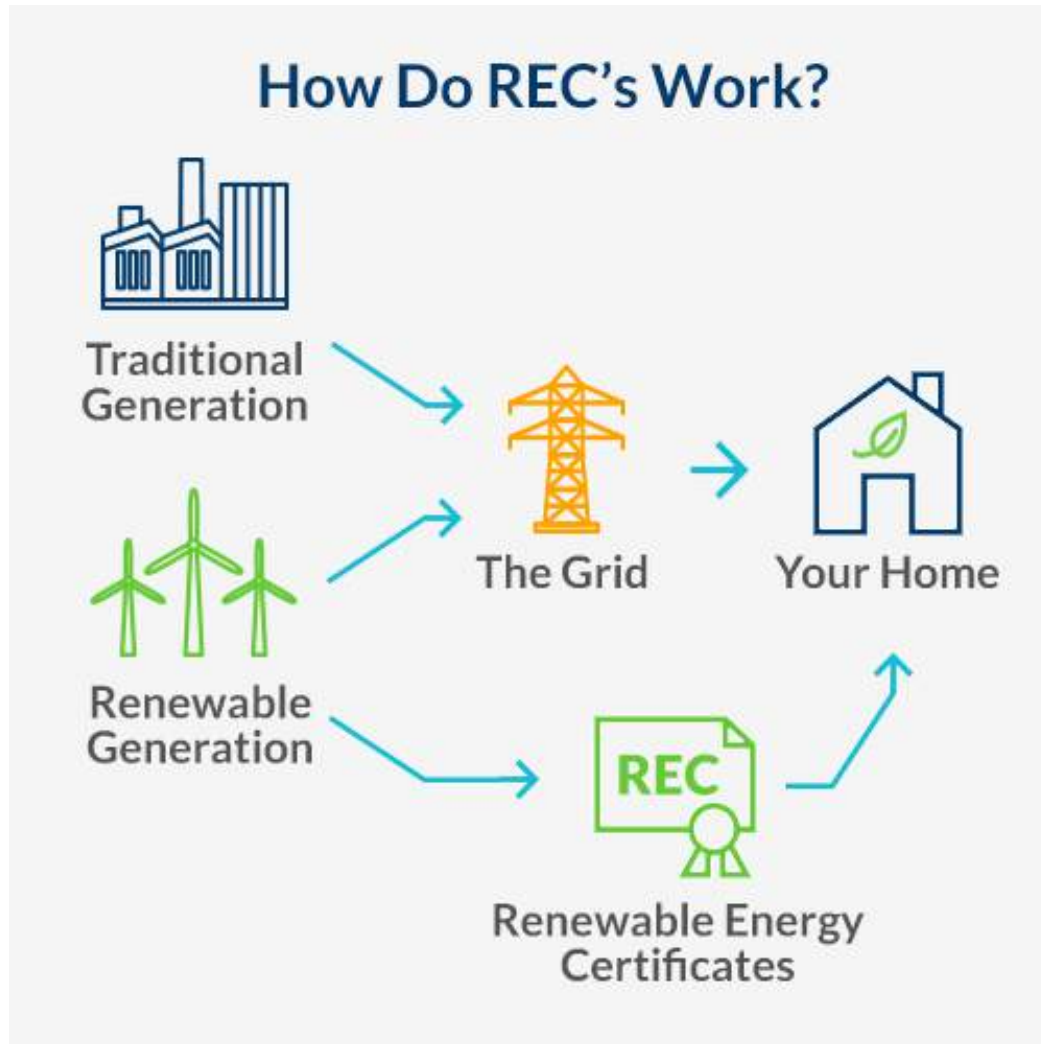
Please see the reverse side of this bill

Total - Additional Products & Services \$263.75
Customer Select supplier previous balance \$0.00
ENERGY CHARGE-125THM@1.26016 PER THM 01/04/2016 \$157.52
ADJUSTMENT 01/04/2016 \$106.23
Total Due ABC Supplier Inc. \$263.75
ABC Supplier Inc. Questions? Please call 1-555-555-5555



“Green” energy suppliers

Note the use of scare-quotes above



“Green” energy suppliers

How is this changing?



Which grid??

How much do you pay?

How much of your money is going towards these?

Where??
Built how long ago?

The **HEAT** Act

A win for consumers!

- Ends early termination/exit fees.
- Stops suppliers from automatically renewing a contract from a fixed rate to a higher-cost variable rate.
- Requires supplier marketing materials to clearly state the utility's current price.
- Requires utility bills to clearly state the utility's current price, too.
- Protects households getting LIHEAP assistance from overpriced suppliers
- Gives the Illinois Commerce Commission (ICC) sharper teeth in dealing with alternative suppliers.



Current Utility Rates

- **ComEd Price:**
 - 7.175¢ per kilowatt-hour (kWh) until June 2020 (changes twice a year)
- **Nicor Gas Price:**
 - 26¢ per therm (can change every month)



NOW, ON
TO THE
FUN STUFF

Free energy-saving products

FOR YOUR HOME!

If you have ComEd & Peoples, North Shore, or Nicor Gas at your house, you're entitled to a **FREE** personalized energy assessment with **FREE** installation of energy-saving products:

- programmable thermostats
- LED light bulbs
- low-flow/high-pressure showerheads
- faucet aerators
- hot water pipe insulation



*



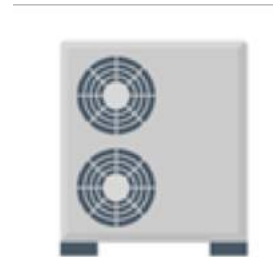
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These two items offered at a discount, not free.

Other Efficiency Programs

- Appliance recycling: ComEd will pay you \$35 if you let them remove and recycle your old, working fridge or freezer
 - Recycle a working dehumidifier or room air conditioner at the same time to get an additional \$10 each **(PROGRAM ON CORONAHOLD)**
- A variety of rebates, including:
 - Insulation
 - Central A/C
 - Heat Pumps
 - Lighting
- Income-eligible programs



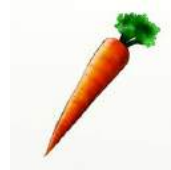
NOW, ON
TO THE
REALLY FUN
STUFF

New Choices

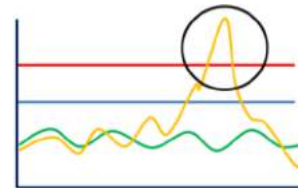
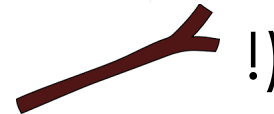
...AND OLD

Pricing plans:

- Traditional Electricity Rates
- Peak-time Rebate (all
- Real-time Pricing
 - Comed: Hourly Pricing

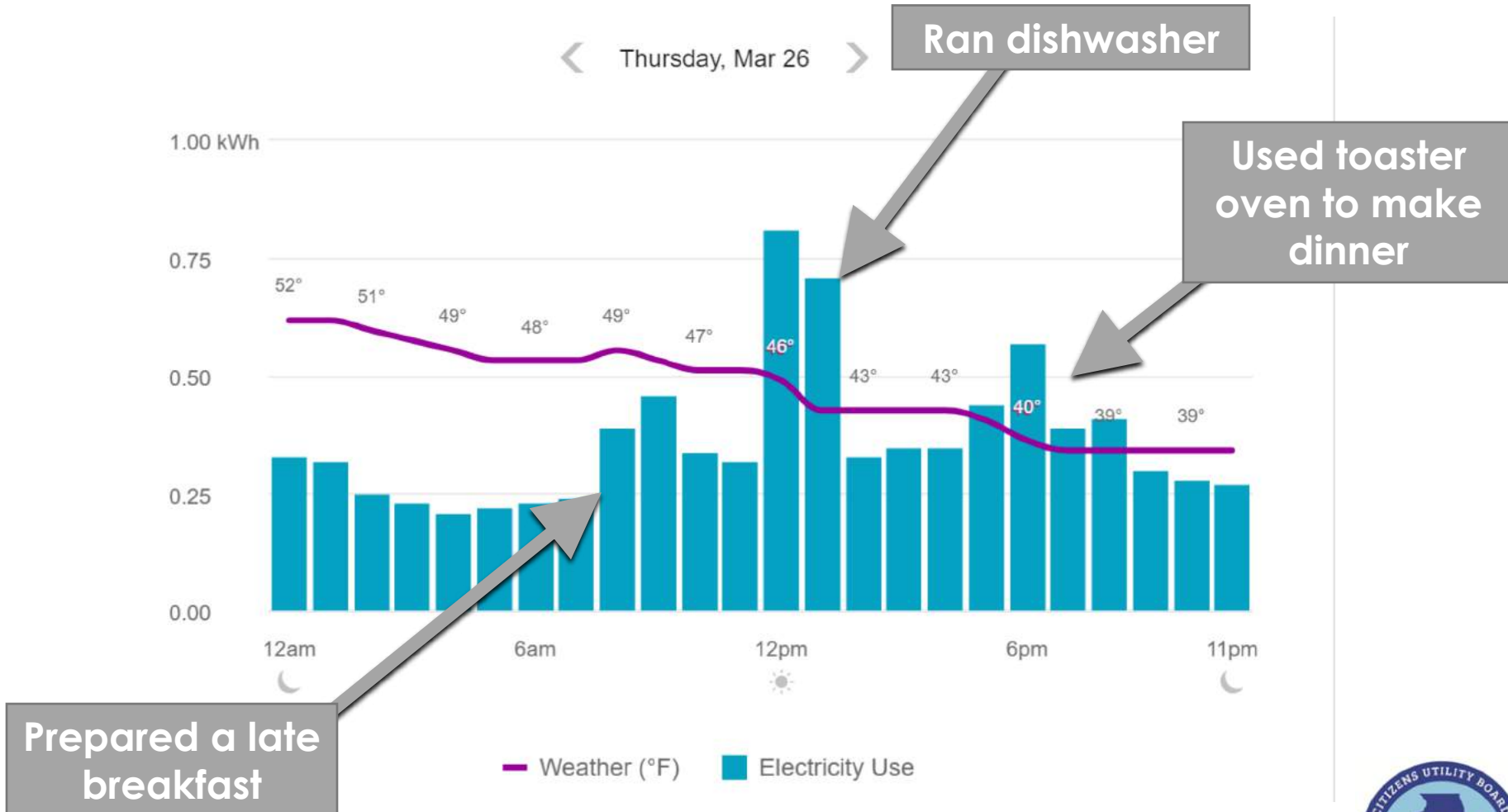


...no

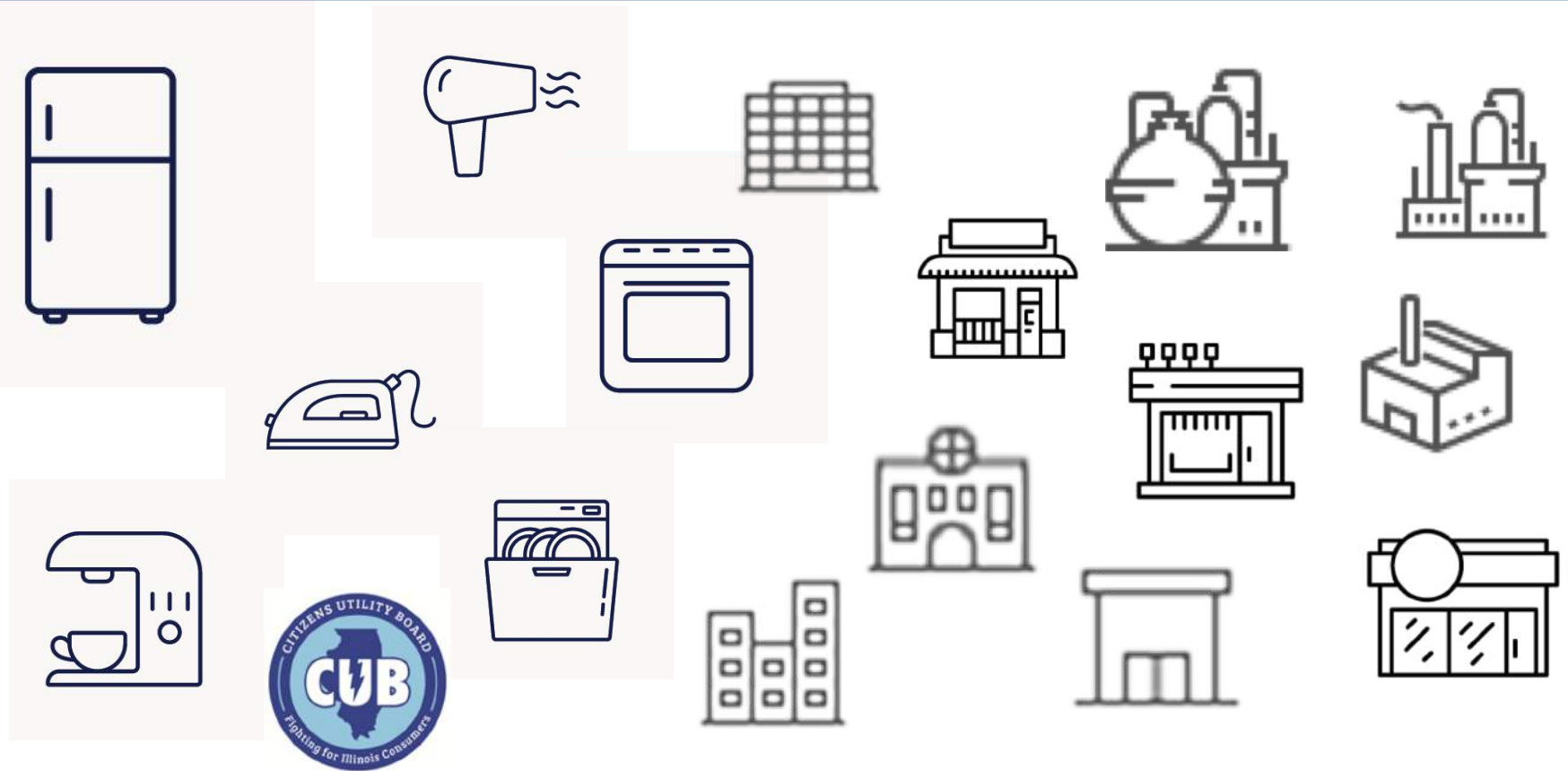


My exciting Thursday!

Detailed electric usage info brought to you by advanced metering

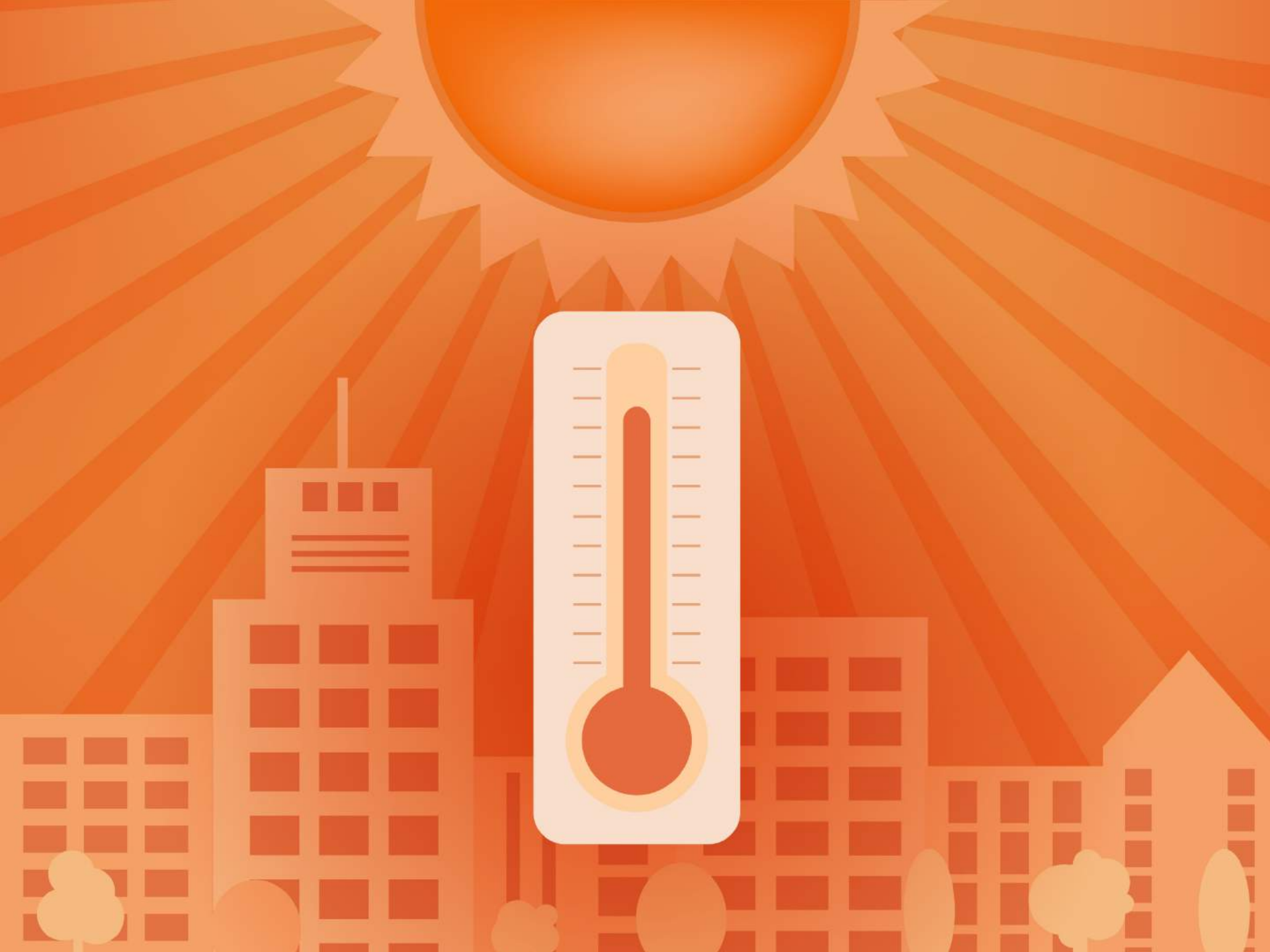


When do **YOU** use the **most** electricity?

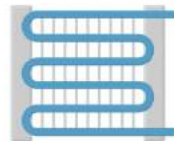
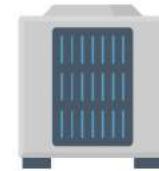
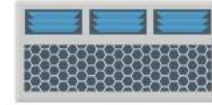
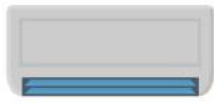


When does **SOCIETY** use the **most** electricity?

BUT WHEN DO
WE REALLY USE
THE MOST
ELECTRICITY?

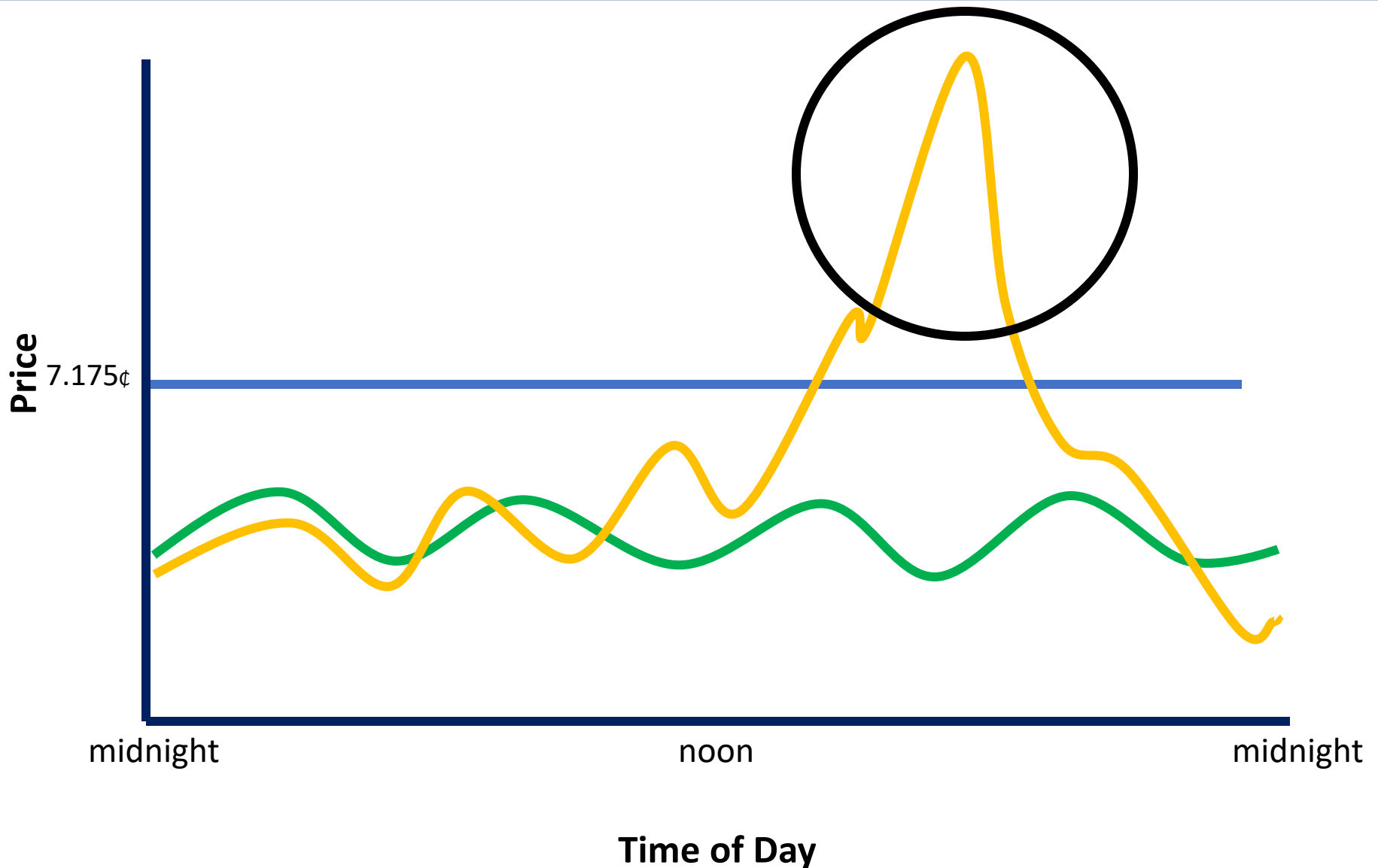


AIR CONDITIONING:



THE MAIN CULPRIT

Hourly vs. fixed-rates





hourlypricing.comed.com



powering lives

[HOME](#)

[ABOUT](#)

[PRICES](#)

[FAQS](#)

[ENERGY TIPS](#)

[TOOLS](#)

[CONTACT](#)

[Enroll](#)

[My Hourly Pricing Account](#)

1.5¢ per kWh Real-Time Hourly Price 2-3 PM CT

1.6¢ per kWh Day-Ahead Hourly Price 3-4 PM CT

4.5¢ per kWh Current Hour Average at 3:45 PM CT

[Today](#) [Week](#) [Month](#) [Year](#)

[5 Minute Prices](#)

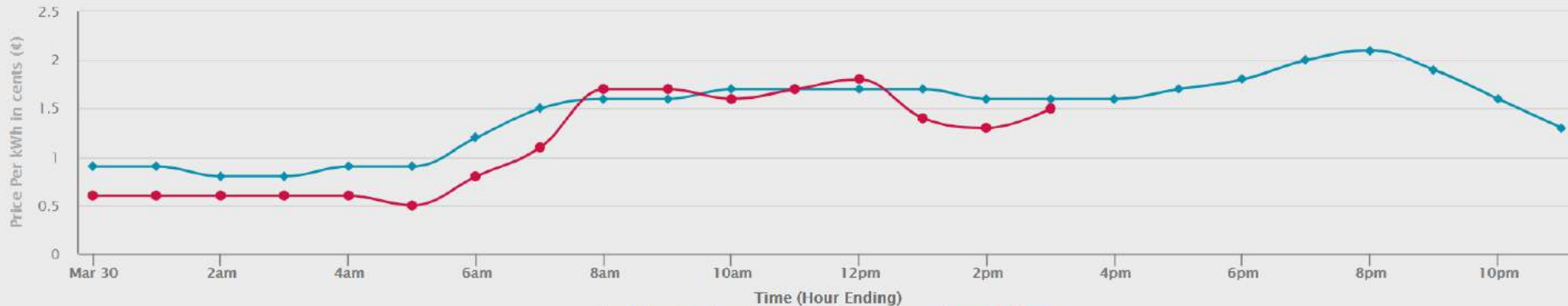
[Tomorrow's Prices](#)

[Pricing Table](#)

[API](#)



REAL-TIME HOURLY PRICES FOR MARCH 30TH, 2020



The kWh prices above do not include your personal [capacity charge](#).

[← PREVIOUS DAY](#)

Day-Ahead Hourly Price Real-Time Hourly Price



2.8¢ per kWh Real-Time Hourly Price 9-10 AM CT

3.1¢ per kWh Day-Ahead Hourly Price 10-11 AM CT

3.1¢ per kWh Current Hour Average at 10:35 AM CT *i*

Today Week Month Year

5 Minute Prices

Tomorrow's Prices

Pricing Table

API



REAL-TIME HOURLY PRICES FOR JULY 29TH, 2019



PREVIOUS DAY

NEXT DAY

My Hourly Pricing Results

Sarah, here's your Hourly Pricing savings update.



Account Ending: 0045

You've been part of the Hourly Pricing community for
1 year and 4 months.

Your Total Savings

\$100.87 42.3%

Current Month Performance:
February 24 – March 24

Your fixed-price bill
would have been:

\$37.34

On Hourly Pricing,
you paid:

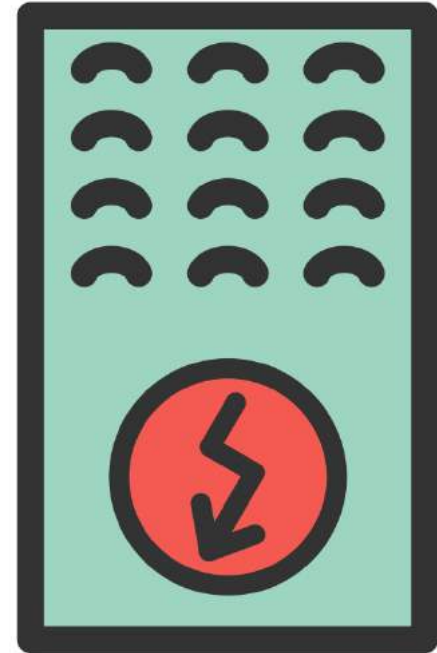
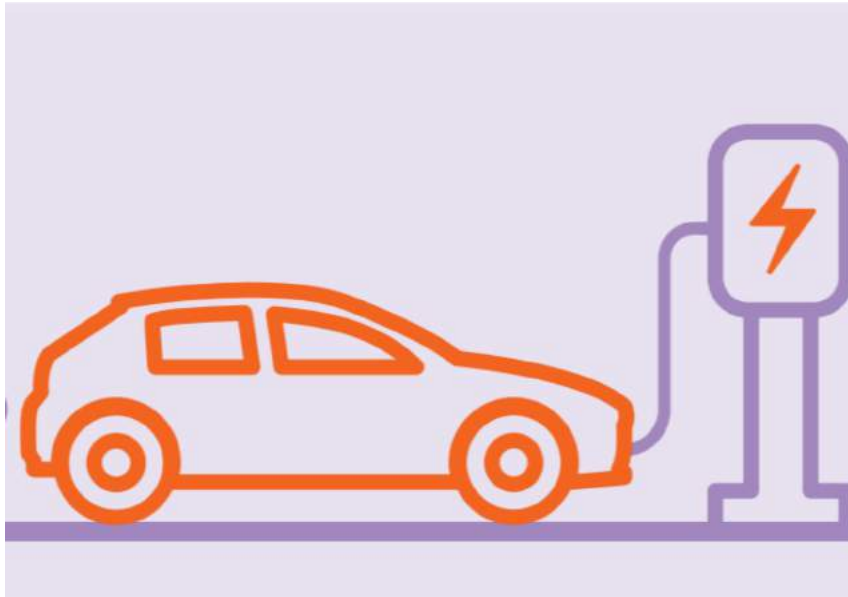
\$30.49

Here's what you
saved this month:

**\$6.85
48.4%**



Electric Car? Electric Heat?



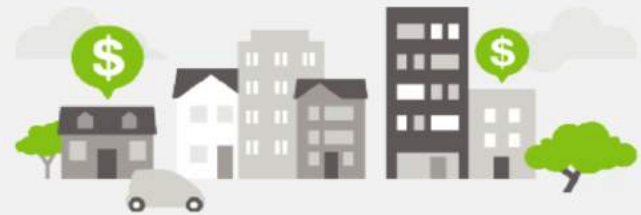
...Hourly Pricing!!

Peak-Time Savings

- The utility notifies you before a “high-usage event” peak
- If you can cut your energy usage during that time, you get 1\$ off your bill for every kWh you save
- No risk!
- Cannot have PTS at the same time as A/C Cycling or Net Metering

Earn money by saving electricity
during today's Peak Time Savings
Hours.

August 28
3pm - 7pm



Central air-conditioning cycling

(ComEd only)

- Save **\$5 or \$10** every month from June and September
- The temperature will not change more than a few degrees
- 2 cycling options, both exclude weekends and holidays

**SAVE \$20-40
per summer**



A Great Time to go **SOLAR** in IL!

✓ Technological
advancements



✓ State
Incentives

✓ Federal Tax
Credit



But **TIME** is of the essence!

Solar ITC Schedule

2019

30%

2020

26%

2021

22%

2022



Commercial
& Utility-
Scale

10%



Residential

0

But **TIME** is of the essence!

- The Illinois incentive is also being used up
- SREC = Solar Renewable Energy Credit
 - the state pays you for the right to count your solar energy towards their renewable energy goals
- Incentive is first come - first served
- Each time a block of funding is used up, the next block opens up – currently on block 2 of 3 in ComEd territory
- But at a rate that is 4% lower than the previous block
- LONG STORY SHORT - it is also decreasing



No Solar at Home?

- Don't own your house?
- Live in an apartment?
- Not enough sun?
- Roof can't take it?
- Financing doesn't work for you?
- Other barriers?



Community Solar

MANY CONSUMERS ARE INTERESTED IN SOLAR POWER, BUT CAN'T INSTALL PANELS ON THEIR HOME. Maybe their house has too much shade, or they live in an apartment.



With community solar, you don't have to install panels. **YOU, YOUR NEIGHBORS AND BUSINESSES CAN SUBSCRIBE TO A PORTION OF A COMMUNITY SOLAR GARDEN.**



How you pay for it depends on the offer you sign, but your subscription helps the developer fund the garden. **IN RETURN, YOU GET A CREDIT ON YOUR ELECTRIC BILL** in proportion to your share of the electricity the solar garden produces.

ELECTRIC BILL

YOUR USAGE \$

CREDIT! \$

TOTAL \$



Community Solar Offers

- 20% savings guarantee
- 20 year contract
- Charges exit fee – waived if you move outside of the territory



-
- 20% savings guarantee
 - 15 year contract
 - No exit fee – requires 90 days notice



-
- At this time is not offering true community solar
 - 10% savings
 - No contract term
 - No exit fee



Sign up for our Community Solar newsletter to hear about new offers as they hit the market!

What happened to community solar?

- Many of us thought that we would see community solar projects in our communities
- Instead, most of the projects look the same
 - Large projects – 8-10 acres
 - Built in more rural areas
- What changed?
 - Projects were developer driven
 - There wasn't enough funding compared to the interest in the program – everyone wanted to submit the largest project possible





Illinois Solar for All

- Ensures that low income people and people living in environmental justice communities will also see the benefit of solar
- Includes: Community solar, residential rooftop, rooftop for non-profits
- No money down, and guaranteed savings on electricity bills
- Grassroots education
- To qualify you must be below 80% Area Median Income:
 - \$63,200 for a family for 4 in the Chicago area – varies by household size and region
- Visit: www.illinoissfa.com to learn more!

“CEJA” – we’re still working on it!

The Four Policy Pillars:



1. Quality jobs and investments in communities across the state
2. Carbon-free electric sector by 2030
3. 100% renewable energy by 2050
4. Increase electric vehicles

HB 3624 // SB 2132

Solarize Chicagoland 2.0

- Coming soon!
- Go solar as a group & save!
- Last year 130 households went solar – including 40 in DuPage!



- www.SolarizeChicagoland.com
- Respond to the link in the follow up email if you would like to be added to the list



Citizens Utility Board

THANKS for tuning in!



Christina Uzzo

Environmental Outreach Coordinator

cuzzo@citizensutilityboard.org

**For a free analysis, send pictures of bills
to: ubc@citizensutilityboard.org**

DCEC Update

