

# Facing the EE/COVID Challenge: A Facilitated Panel and Audience Q&A

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# Chicago Housing Authority

- ▶ Third largest PHA in the nation
- ▶ Serves 25,000 low-income households
- ▶ Mission: to provide stable, decent, safe and affordable housing to families and individuals, while supporting healthy communities in neighborhoods throughout Chicago
- ▶ Portfolios
  - ▶ Senior - high rise buildings with 1BR apartments
  - ▶ Family - townhomes and/or midrise buildings on campus-style developments
  - ▶ Scattered Sites – most diverse housing stock: single family homes, 2-6 flats, etc.



# Department of Planning, Construction Management, and Building Operations



- ▶ Energy Management
  - ▶ Energy efficiency projects
  - ▶ Weatherization projects
- ▶ Capital Projects – equipment standardization
- ▶ Renewable Energy
- ▶ Energy procurement and Benchmarking Ordinances
- ▶ Sustainable land use initiatives
- ▶ Environmental Health and Safety





## BIT Building Neighborhood Project

Are you ready to make your buildings healthier and more energy-efficient while supporting workforce development within your community? The BIT Building Neighborhood Project is a unique building performance improvement pilot in which participants get assistance implementing sustainable best practices through a training and workforce development initiative.

### THE BIT AIDE PILOT

BIT Aides trained to participate in this project will deploy in select communities to assist building owners and operators of income eligible properties in resource-saving strategies.

### HOW DOES IT WORK?

BIT Building is based on the 18 Best Practices for resource savings and optimization. Trained BIT Aides will work with participants to monitor and benchmark building operations, evaluate potential improvements and assist in implementing a retentive improvement plan.

### WHAT IS THE COST?

This is a free offer, made possible by the ConEd® Energy Efficiency Program.

### ADDITIONAL IMPACTS

By enrolling, participants can improve their building performance and operations. Our BIT Aides also help train individuals in career-enhancing facilities maintenance and energy management skills.

### BUILDING AND COMMUNITY BENEFITS

BIT Building empowers facility staff to improve building performance, while generating community-wide benefits.

- Achieve persistent resource efficiency gains in energy, water and waste.
- Gain access to experts to support improvement measures and connect to utility program incentives.
- Reduce operating costs and increase ROI.
- Unite community projects and workforce development initiatives to advance energy-efficient building operations.

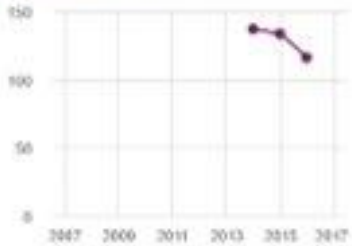
**CONTACT US**

MyPortfolio [Sharing](#) [Reporting](#) [Recognition](#)

Properties (62)

[Add a Property](#)

Source EUI Trend (kBtu/ft<sup>2</sup>)



Manage Portfolio

- [Transfer ownership](#) of a property that you manage to another Portfolio Manager user.
- [Upload and/or update multiple properties](#) at once using an Excel spreadsheet if you are a pro. This can be done to create new properties, add use details, create meters and add meter consumption data.
- [Download your entire portfolio to Excel](#) or create a [custom download](#).
- [Set a portfolio baseline and/or target](#) to help measure progress.

Dashboard (Metrics current as of 01/29/2018 10:41 AM EST)

[View All Properties \(62\)](#)

[Energy Highlights](#)

[Refresh Metrics](#)

[Add/Edit/Delete Groups](#)

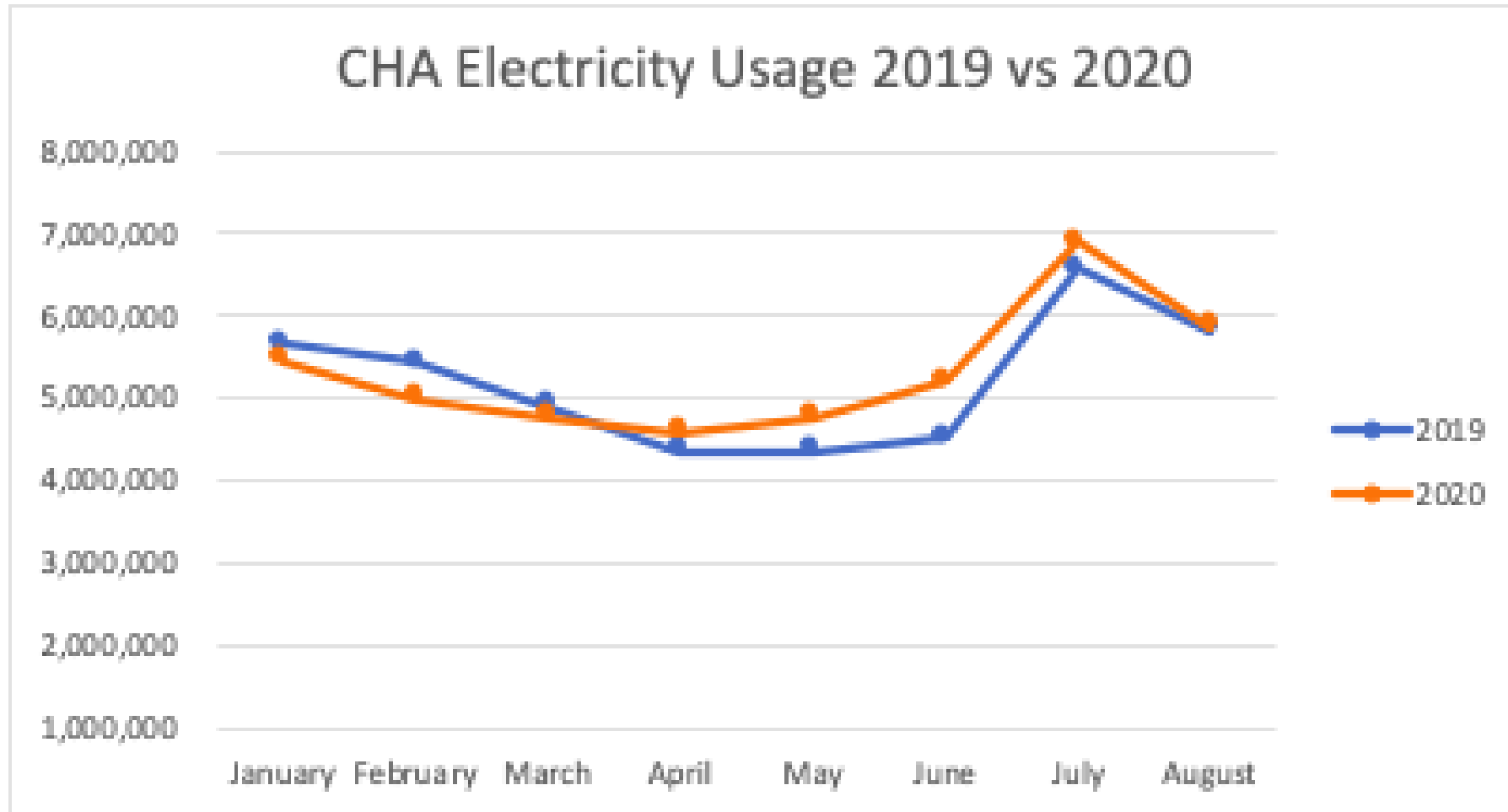
[Add/Edit/Delete Views](#)

Name	Energy Current Date	ENERGY STAR Score	Site EUI (kBtu/ft <sup>2</sup> )	Source EUI (kBtu/ft <sup>2</sup> )
<a href="#">2138 W Touhy - BT 5011983</a>	12/31/2016	NA	39.5	69.8
<a href="#">3221 S Hartley - BT 5011989</a>	11/30/2017	NA	17.9	56.2
<a href="#">AFLA Brooks Homes 3995432</a>	08/31/2017	65	97.7	117.9
<a href="#">Ada S. Morrison McKinley Apartments 3995136</a>	08/31/2017	77	72.6	122.0
<a href="#">Abery Terrace Apartments 3995144</a>	08/31/2017	90	60.1	100.7
<a href="#">Alvada Daniel Foster Apartments 3995147</a>	08/31/2017	67	81.9	124.6
<a href="#">Alvord Gardens 3995420</a>	08/31/2017	67	90.8	168.6
<a href="#">Armour Square Apartments 3995312</a>	08/31/2017	64	102.2	133.7
<a href="#">Bridgmont Homes 3995426</a>	08/31/2017	63	46.3	107.9
<a href="#">Britton Blvd 4704793</a>	08/31/2017	90	37.1	75.8
<a href="#">Cabrini Rowhouses 3995433</a>	08/31/2017	100	4.7	13.8

# The CHA's Energy Benchmarking Program

- ▶ Maintain Portfolio Manager accounts for 55 properties and reports annually
- ▶ Data from ComEd EUDs software, commodity supply contracts and local utility delivery
- ▶ Energy and water usage data is monitored using EPA Portfolio Manager for compliance with the Chicago Energy Benchmarking Ordinance

## CHA Electricity Usage 2019 vs 2020







## CHA IS FIRST-EVER PUBLIC HOUSING AUTHORITY TO EARN BIT BUILDING CERTIFICATION FOR IMPROVING BUILDING SUSTAINABILITY

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CHICAGO (June 24, 2020) – Southface Institute, a leader in sustainable advocacy, today announced that the Chicago Housing Authority's (CHA) Dearborn Homes development has achieved BIT Building Certification, making it the first-ever Public Housing Authority to accomplish the milestone of including the 16 BIT Practices for resource efficiency and sustainability for building operations and maintenance.

BIT Building is a set of cost-effective industry standards that all property owners can implement to improve building performance and raise sustainability levels to reduce carbon emissions and operational costs. CHA achieved certification by analyzing and then reorganizing the existing maintenance and operations program at Dearborn Homes within the BIT Building framework, and adopting more efficient and cost efficient best practices.

"We are pleased to achieve BIT Building certification for Dearborn Homes, demonstrating CHA's continued commitment to sustainable operations," said CHA CEO Tracey Scott. "Applying energy efficiency initiatives saves CHA energy and money, allowing the agency to allocate resources for programs and initiatives that directly benefit residents. Congratulations to our Sustainable Initiatives and Projects team for leading this important project."



# 2020 Wins