4/3/23 meeting

BIRMINGHAM
A WALKABLE CITY

Alex Bingham <abingham@bhamgov.org>

Fwd: [EXTERNAL] Recent DTE Power Outages

1 message

Tom Markus <tmarkus@bhamgov.org> Mon, Apr 3, 2023 at 8:38 AM
To: Alex Bingham <abingham@bhamgov.org>
Cc: DepartmentHeads <departmentheads@bhamgov.org>, City Commission <city-commission@bhamgov.org>

FYI Also Please place a printed copy at each of the commissioners desks for this evening's meeting.

---------- Forwarded message ---------
From: **Jennifer L Whitteaker** <jennifer.whitteaker@dteenergy.com>
Date: Fri, Mar 31, 2023 at 4:27 PM
Subject: RE: [EXTERNAL] Recent DTE Power Outages
To: Tom Markus <tmarkus@bhamgov.org>
Cc: Paul Wells <Pwells@bhamgov.org>

Good afternoon, Tom

Our engineers just responded and confirmed our thesis, "Outages that are being referred to were due to the icy conditions experienced late February/early March. They are not due to capacity-related issues."

Have a great weekend,

Jennifer

Jennifer L Whitteaker

Manager, Regional Relations

DTE Energy, Corporate & Government Affairs

O:313.235.9282 | M: 734-748-9370 | jennifer.whitteaker@dteenergy.com

Report a Power Outage: Report Your Outage | DTE Energy | Submit a Tree Trim Inquiry: Tree Trimming Claim Form | DTE Energy

Report a Streetlight Outage: dteenergy.com - Street Lighting Trouble Report | DTE in the Community: Empowering Michigan homes, communities and businesses | DTE Energy - Empowering Michigan

From: Tom Markus <tmarkus@bhamgov.org>
Sent: Thursday, March 30, 2023 6:16 PM
To: Jennifer L Whitteaker <jennifer.whitteaker@dteenergy.com>
Cc: Paul Wells <Pwells@bhamgov.org>
Subject: Re: [EXTERNAL] Recent DTE Power Outages

Thank you for your prompt response. This issue is likely to be addressed at the City Commission meeting on Monday 4-3-23. If you can discuss this with the engineering team and secure their response before the meeting that would be greatly appreciated.

On Thu, Mar 30, 2023 at 5:41 PM Jennifer L Whitteaker <jennifer.whitteaker@dteenergy.com> wrote:

> Hi Tom
>
> I share the same understanding that you do – this storm was our second largest ice storm in the company's history, with the three successive weather events (ice, wind, heavy snow) causing more than 12,000 wires to come down throughout the territory. The outages were not due to a capacity issue. I will confirm with the "actual" engineers to make sure.
>
> Hope you're well,
>
> Jennifer
>
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> **From:** Tom Markus <tmarkus@bhamgov.org>
> **Sent:** Wednesday, March 29, 2023 11:09 AM
> **To:** Jennifer L Whitteaker <jennifer.whitteaker@dteenergy.com>
> **Cc:** Paul Wells <Pwells@bhamgov.org>
> **Subject:** [EXTERNAL] Recent DTE Power Outages
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U.S. Energy Information Administration

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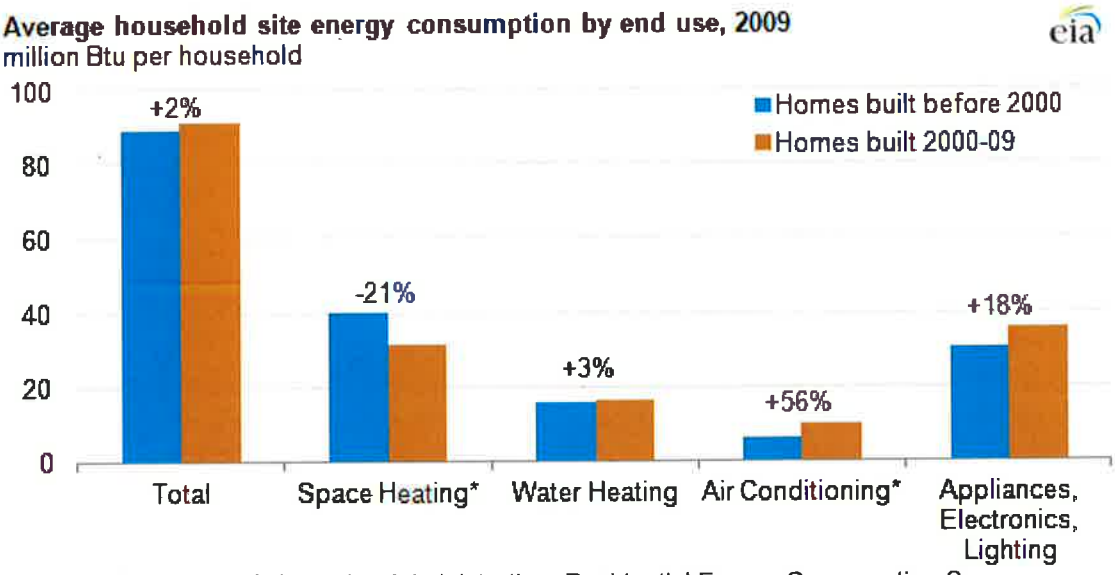
Today in Energy

February 12, 2013

Newer U.S. homes are 30% larger but consume about as much energy as older homes



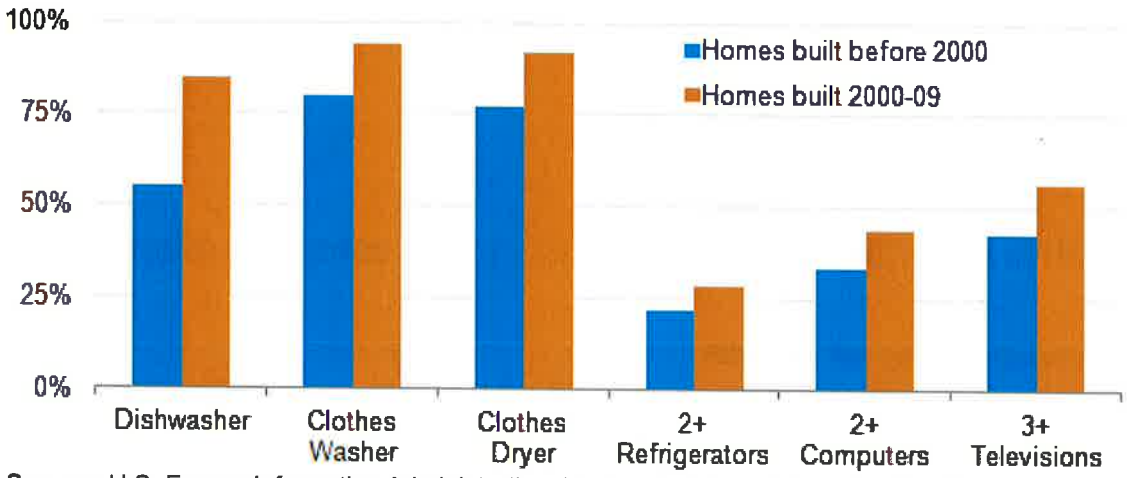
Source: U.S. Energy Information Administration, Residential Energy Consumption Survey.
***Note:** Averages for space heating and air conditioning reflect only those households that heated or cooled their homes in 2009.

Analysis from EIA's most recent Residential Energy Consumption Survey (RECS) shows that U.S. homes built in 2000 and later consume only 2% more energy on average than homes built prior to 2000, despite being on average 30% larger.

Homes built in the 2000s accounted for about 14% of all occupied housing units in 2009. These new homes consumed 21% less energy for space heating on average than older homes (see graph), which is mainly because of increased efficiency in the form of heating equipment and better building shells built to more demanding energy codes. Geography has played a role too. About 53% of newer homes are in the more temperate South, compared with only 35% of older homes.

The increase in energy for air conditioning also reflects this population migration as well as higher use of central air conditioning and increased square footage. Similar to space heating, these gains were likely moderated by increases in efficiency of cooling equipment and improved building shells, but air conditioning was not the only end use that was higher in newer homes. RECS data show that newer homes were more likely than older homes to have dishwashers, clothes washers, clothes dryers, and two or more refrigerators. Newer homes, with their larger square footage, have more computers, TVs, and TV peripherals such as digital video recorders (DVRs) and video game systems. In total, newer homes consumed about 18% more energy on average in 2009 for appliances, electronics, and lighting than older homes.

Households with selected appliances and electronics, 2009
percent of households



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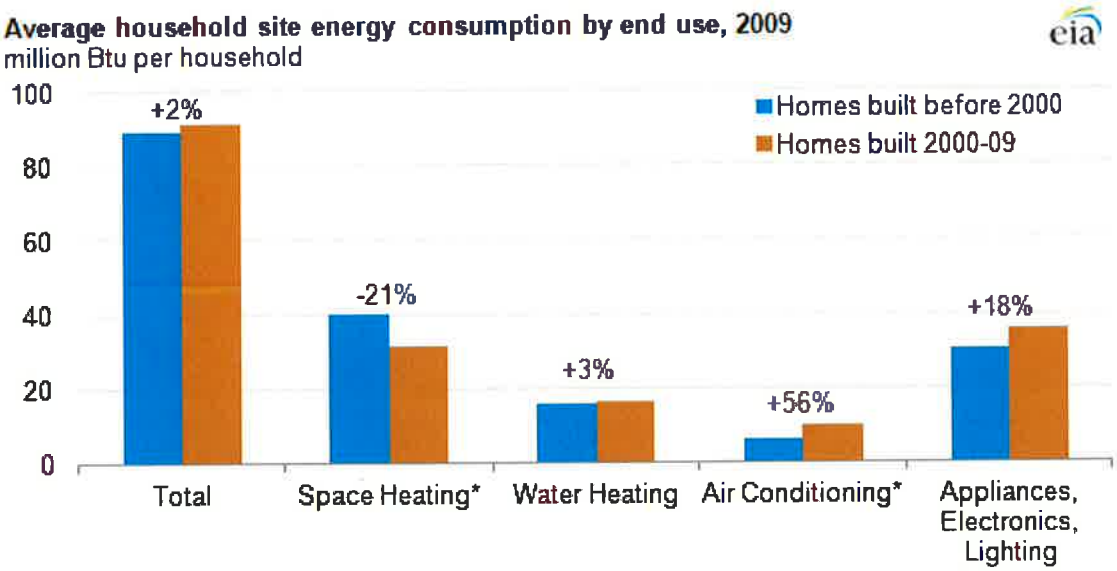

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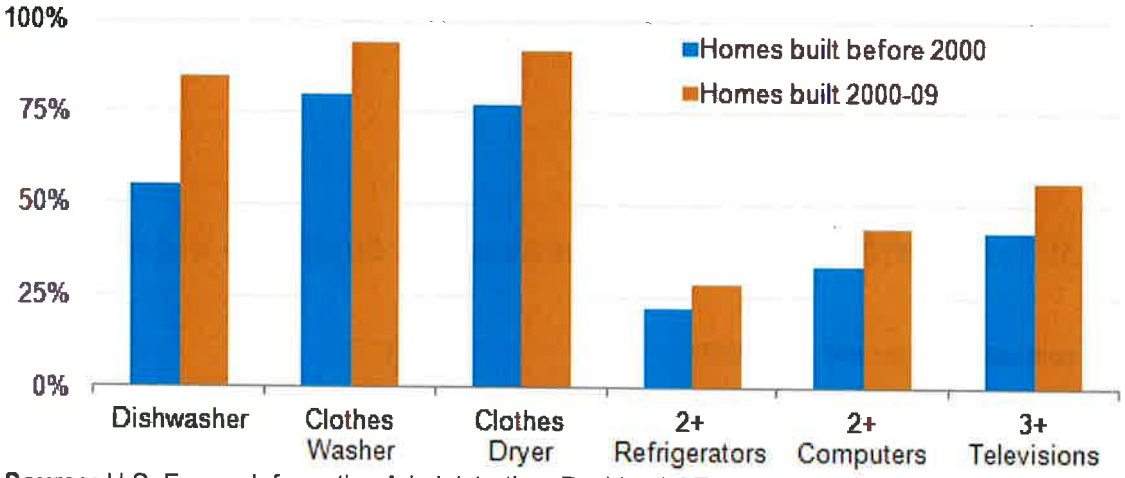

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