

INSIGHTS FOR A COMPLETE GAME PLAN

INSIGHT #1 // IOT TECHNOLOGY WILL SAVE 8X THE ENERGY IT CONSUMES BY 2030

Proponents of radiant cooling believe air is meant for breathing not A new report from Transforma Insights and 6GWorld has shown that IoT operations in 2030 will save more than 8X the energy they consume, amounting to net savings of 230 billion cubic meters of water and eliminating one gigaton of CO2 emissions - Fin Strathern

In terms of electricity, the report found that the manufacturing of new IoT technologies will increase global electricity use by 34 terawatt-hours (TWh) by 2030, but that IoT solutions will also reduce electricity consumption by more than 1.6 petawatt-hours (PWh), enough electricity to support more than 136.5 million homes' energy use for one year.

The report also identified that the most impactful IoT solution in terms of fuel savings (*above*) will come from road fleet management of vehicles, accounting for 37% of fuel saved by IoT solutions of all kinds. However, the report points out that IoT technologies' impact will be notably lower in regions that already have a greater representation of sustainable energy supplies.

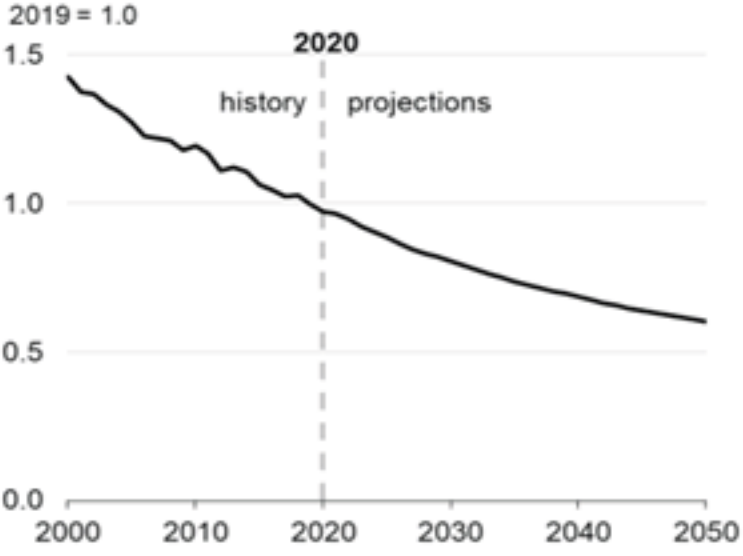
SOURCES: FIN STRATHERN, APRIL 2021

Share of total fuel saved by IoT applications, 2030

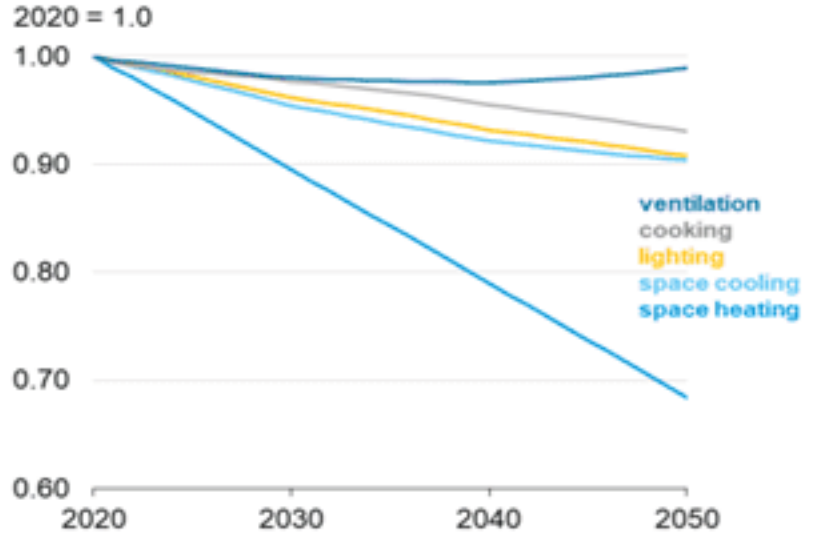


INSIGHT #2 // EIA'S 2050 ENERGY INTENSITY PREDICTIONS

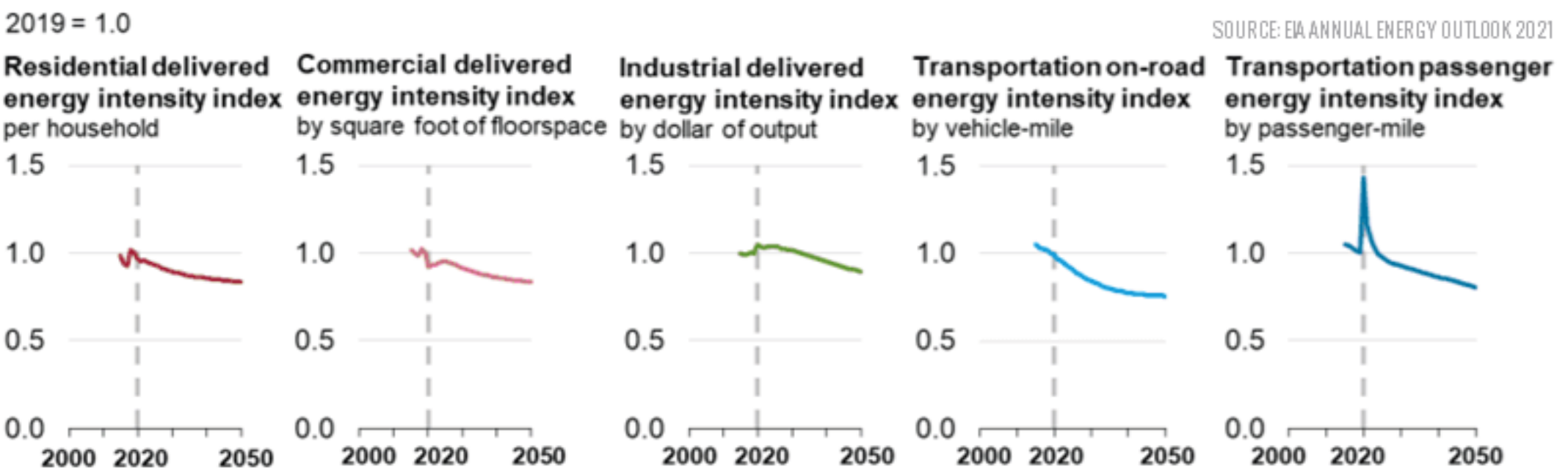
Indexed total energy intensity of the U.S. economy AEO2021 Reference case



Indexed commercial service provided per square foot of floorspace AEO2021 Reference case



SOURCE: EIA ANNUAL ENERGY OUTLOOK 2021



GAME WEEK // DALLAS COWBOYS.

CURRENT RECORD
9-4



Sunday 12/19
@ 12:00 PM

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