



RESOLUTION

REQUESTING THE CITY ADMINISTRATION TO WORK WITH THE COUNCIL TO ESTABLISH A BENCHMARKING PROGRAM TO INCREASE THE EFFICIENCY AND RESILIENCY OF COMMERCIAL AND RESIDENTIAL BUILDINGS ON O'AHU.

WHEREAS, rising temperatures and other negative impacts related to climate change will continue to challenge the long-term affordability of housing and the well-being of the residents of the City and County of Honolulu ("City"), particularly those who live in low-income and frontline communities vulnerable to negative weather events; and

WHEREAS, increasing the energy and water efficiency of O'ahu's buildings can help minimize the negative impacts of climate change; and

WHEREAS, buildings constructed today will generally last for 60 years or more, and the design of these buildings will have a large impact on their operating costs and carbon footprints as well as on their occupants' comfort and energy consumption; and

WHEREAS, fossil fuel-sourced electricity consumption and energy inefficient buildings contribute to the climate crisis and the City's high cost of living where, in 2019, some O'ahu households spent 6.8 percent of their incomes on home energy bills, higher than the national average of 3 percent; and

WHEREAS, reducing energy demand through increased energy efficiency will play a large role in achieving the City's and State of Hawai'i's clean energy target of zero emissions by 2045, as established by Ordinance 20-47 and Section 225P-5, Hawai'i Revised Statutes; and

WHEREAS, pursuant to its Resolution 21-105, CD1, the City Council ("Council") adopted the 2020-2025 Honolulu One Climate One O'ahu Climate Action Plan ("CAP") for the City, which notes that 35 percent of O'ahu's greenhouse gas (GHG) emissions come from electricity used to power businesses and homes; and

WHEREAS, CAP Strategy 5 encourages a reduction in energy demand by increasing energy efficiency, and includes actions that may be taken to increase the energy efficiency of both new and existing buildings, which is key to achieving the City's climate change mitigation goals; and

WHEREAS, CAP Action 5.1 commits the City to the regular and timely adoption of the most current building and energy conservation codes, such as the 2021 International Energy Conservation Code, which is the primary mechanism to ensure that



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new buildings help O'ahu reach its climate change mitigation goals, as well as improve their long-term efficiency and affordability; and

WHEREAS, as outlined in CAP Action 5.2, the City should lead by example by developing a municipal energy and water benchmarking program for covered City facilities along with data transparency, reporting, and building performance standards; and

WHEREAS, City residents share the value of mālama 'āina ("to care for and nurture the land"), which conveys a clear responsibility to avoid waste and to use only the resources that one needs; and

WHEREAS, efficient buildings limit waste and the consumption of land, water, and other resources needed to locate and build modern energy generation facilities; and

WHEREAS, the Council believes that energy efficiency can make City residents' homes and workspaces safer, healthier, and more comfortable, yet resilient in the face of extreme weather events associated with global climate change; and

WHEREAS, the City's Rental and Utility Relief Program and programs provided by Hawai'i Energy are providing immediate energy bill relief during the COVID-19 pandemic, but further action is needed to continue long-term energy and cost savings for O'ahu residents and businesses by equitably increasing the energy and water efficiency of O'ahu's building stock; now, therefore,

BE IT RESOLVED by the Council of the City and County of Honolulu that the City Administration is requested to work with the Council to establish a benchmarking program to increase the efficiency and resiliency of commercial and residential buildings on Oah'u; and

BE IT FURTHER RESOLVED that the City Administration is requested to report back in writing to the Council within 60 days of the date of the adoption of this resolution on its plans to work with the Council to establish a benchmarking program for commercial and residential buildings in Honolulu; and



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BE IT FINALLY RESOLVED that copies of this resolution be transmitted to the Mayor, the Managing Director, the Executive for Climate Change, Sustainability and Resiliency, the Director of Planning and Permitting, the Chief Engineer of the Department of Facility Maintenance, the Director of Design and Construction, the Director of Budget and Fiscal Services, and the Manager and Chief Engineer of the Board of Water Supply.

INTRODUCED BY:

Radiant Odo

DATE OF INTRODUCTION:

SEP 30 2021

Honolulu, Hawai'i

Councilmembers

CITY COUNCIL
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII
CERTIFICATE

RESOLUTION 21-229

Introduced: 09/30/21 By: RADIANT CORDERO Committee: COUNCIL (CCL)

Title: REQUESTING THE CITY ADMINISTRATION TO WORK WITH THE COUNCIL TO ESTABLISH A BENCHMARKING PROGRAM TO INCREASE THE EFFICIENCY AND RESILIENCY OF COMMERCIAL AND RESIDENTIAL BUILDINGS ON O'AHU.

Voting Legend: * = Aye w/Reservations

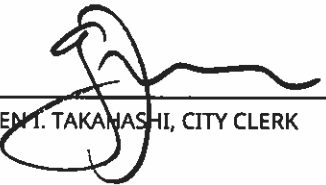
09/30/21 INTRO Introduced.

10/06/21 CCL Adopted.

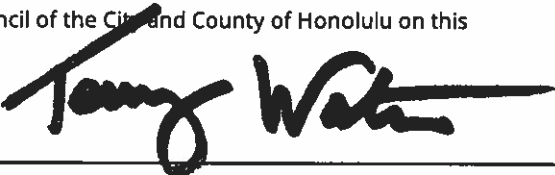
8 AYES: CORDERO, ELEFANTE, FUKUNAGA, KIA'ĀINA, SAY, TULBA, TUPOLA, WATERS

1 ABSENT: TSUNEYOSHI

I hereby certify that the above is a true record of action by the Council of the City and County of Honolulu on this RESOLUTION.



GLEN I. TAKAHASHI, CITY CLERK



TOMMY WATERS, CHAIR AND PRESIDING OFFICER