

REPORTE SEMESTRAL DE ELABORACIÓN DE DIAGNÓSTICOS ENERGÉTICOS

Programa Presupuestario: E057 - Política Ambiental y Planeación Técnica

Indicador: ENERGIACO7ACT02 - Porcentaje de avance en la elaboración de diagnósticos energéticos.

Descripción: Mide el número de diagnósticos energéticos elaborados

Periodicidad del indicador: Semestral

Trimestre: Segundo semestre (Julio – diciembre de 2022)

Resultados alcanzados:

La meta anual es del 100% de atención a las solicitudes de diagnósticos energéticos, en el primer semestre, se elaboraron 10 diagnósticos energéticos de 10 solicitudes recibidas, cumpliendo la meta establecida.

En el segundo semestre se realizaron 8 diagnósticos de 8 solicitudes recibidas cumpliendo así con el 100% de la meta establecida

Con el apoyo del Lawrence Berkeley National Laboratory se implementó un programa de eficiencia energética en el sector hotelero logrando la participación de 8 hoteles que recibieron una diagnóstico energético con recomendaciones a implementar para incrementar su eficiencia energética

ATENTAMENTE



Fermín Arturo Vázquez Ara

Director de Desarrollo Energético



Evidencias.



BETTER V.1.0 Portfolio Summary Report

Hoteles Quintana Roo-Offices

Generated at 2022-09-06

Overview

Number of Buildings

8

Total Gross Floor Area (m²):

168.673,6

Potential Cost Savings:

\$1.499.491

39,5%

Potential Energy Savings:

13.613.300 kWh

39,5%

Electricity Energy/Cost Savings:

39,5%

Fossil Fuel Energy/Cost Savings:

0%

GHG Emissions Reduction (tCO₂e):

5.954,3

39,5%

GHG Emissions Intensity Reduction (kgCO₂e/m²)

82,5

Note: The annual estimates are based on the most recent 12 months of data input into BETTER for all buildings in the portfolio.

[More energy, emission, and cost details](#)

Top Energy Efficiency Measures

The energy efficiency recommendations most frequently recommended across your portfolio are:

- Reduce Equipment Schedules
- Reduce Plug Loads
- Reduce Lighting Load
- Increase Cooling Setpoints
- Increase Cooling System Efficiency

(5 out of 8 buildings)

(4 out of 8 buildings)

(4 out of 8 buildings)

(1 out of 8 buildings)

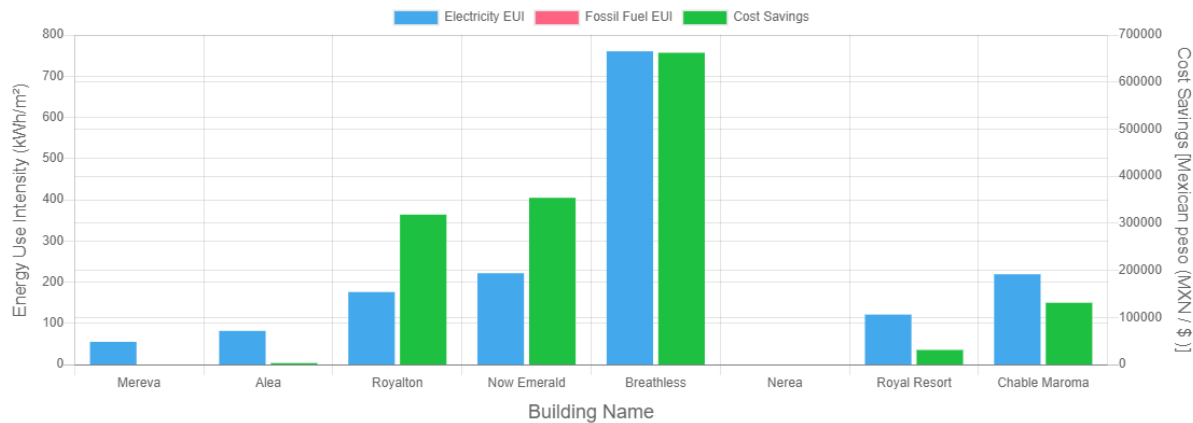
(1 out of 8 buildings)



Benchmarking

The chart below shows the energy use intensities and cost savings potentials of each building in your portfolio. The X-axis lists all the buildings you analyzed. The left Y-axis represents the annual energy use intensity (EUI), and the right Y-axis represents the cost savings potential. By default, the electricity and fossil fuel EUI are stacked. You can disable or enable the display of the EUI or cost savings by clicking on the legend at the bottom of the plot.

Annual Energy Use Intensity and Cost Savings Potential



Building Analytics List

Building Name	Building Location	Building Area (m²)	Annual Electricity Consumption (kWh)	Annual Fossil Fuel Consumption (kWh)	Annual Electricity Cost (Mexican peso (MXN) / \$)	Annual Fossil Fuel Cost (Mexican peso (MXN) / \$)	Annual Electricity EUI (kWh/m²)	Annual Fossil Fuel EUI (kWh/m²)	Annual Cost Savings Potential (Mexican peso (MXN) / \$)	Annual Energy Savings (%)
Mereva	Tulum, México	5,200.0	285,297	N.A.	31,425.3	N.A.	54.9	N.A.	0	0.0 %
Alea	Tulum, México	2,496.0	203,259	N.A.	22,388.8	N.A.	81.4	N.A.	2,955	13.2 %
Royalton	Cancún, México	58,820.4	10,342,586	N.A.	1,139,225.8	N.A.	175.8	N.A.	318,315	27.9 %
Now Emerald	Cancún, México	33,886.6	7,508,142	N.A.	827,014.5	N.A.	221.6	N.A.	354,086	42.8 %
Breathless	Cancún, México	10,991.1	8,357,092	N.A.	920,525.6	N.A.	760.3	N.A.	662,212	71.9 %
Nerea	Tulum, México	3,600.0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	0	N.A. %
Royal Resort	Cancún, México	40,778.6	4,939,353	N.A.	544,064.9	N.A.	121.1	N.A.	30,800	5.7 %
Chable Maroma	Playa de Carmen, México	12,901.0	2,824,983	N.A.	311,169.2	N.A.	219.0	N.A.	131,120	42.1 %



About BETTER

BETTER is a web application that uses readily available building and monthly energy data to quantify energy, cost, and greenhouse gas reduction potential and recommend efficiency interventions at the building and portfolio levels to capture that potential. See the [How It Works](#) page of the BETTER web application for more information.

Acknowledgements

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Disclaimer

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