REVIVE 2024 Report

Resilience and ADORB Summary

Chicago-MDW_IECC_Elec

1 Introduction

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Elit sed vulputate mi sit amet mauris. Eu feugiat pretium nibh ipsum consequat nisl vel pretium lectus. Viverra maecenas accumsan lacus vel facilisis volutpat est velit. Pellentesque nec nam aliquam sem et tortor. Pellentesque diam volutpat commodo sed egestas egestas fringilla phasellus. Malesuada fames ac turpis egestas. Turpis in eu mi bibendum neque egestas. Ac auctor augue mauris augue neque gravida in fermentum et. Et tortor at risus viverra adipiscing at in. Quis viverra nibh cras pulvinar mattis nunc sed. Ac orci phasellus egestas tellus rutrum tellus pellentesque. Adipiscing enim eu turpis egestas pretium. Proin sed libero enim sed faucibus turpis in eu mi.Ullamcorper eget nulla facilisi etiam dignissim diam. Enim neque volutpat ac tincidunt vitae semper quis. Amet est placerat in egestas. Sapien et ligula ullamcorper malesuada proin libero nunc consequat interdum. Ultrices gravida dictum fusce ut placerat orci. Lorem ipsum dolor sit amet. Ut pharetra sit amet aliquam id. Scelerisque felis imperdiet proin fermentum leo. Urna duis convallis convallis tellus. Lectus vestibulum mattis ullamcorper velit sed ullamcorper morbi tincidunt ornare. Tortor at auctor urna nunc id cursus. Donec adipiscing tristique risus nec feugiat in fermentum posuere. Feugiat nisl pretium fusce id velit. Et egestas quis ipsum suspendisse ultrices gravida. Condimentum id venenatis a condimentum vitae sapien pellentesque habitant morbi. Auctor eu augue ut lectus arcu bibendum at varius vel. Tellus at urna condimentum mattis pellentesque id nibh tortor. Aliquet risus feugiat in ante metus. Sit amet nisl purus in. Velit laoreet id donec ultrices tincidunt arcu non.

1.1 Math that is incorrect

$$2 * 3 = 9$$

2 Tables

Tables for thermal resilience and ADORB Costs

2.1 Resilience Single Point Metrics

Metric	Result	Unit
Heating SET Hours	368.93	°F hr
Hours Below 2°C	20.78	hr
Caution (> 26.7, < 32.2°C)	71.75	hr
Extreme Caution (> 32.2, < 39.4°C)	50.25	hr
Danger (> 39.4, < 51.7°C)	0.0	hr
Extreme Danger (> 51.7°C)	0.0	hr
Heating Battery Size	6.946577471025454	kWh
Cooling Battery Size	4.696743169494214	kWh

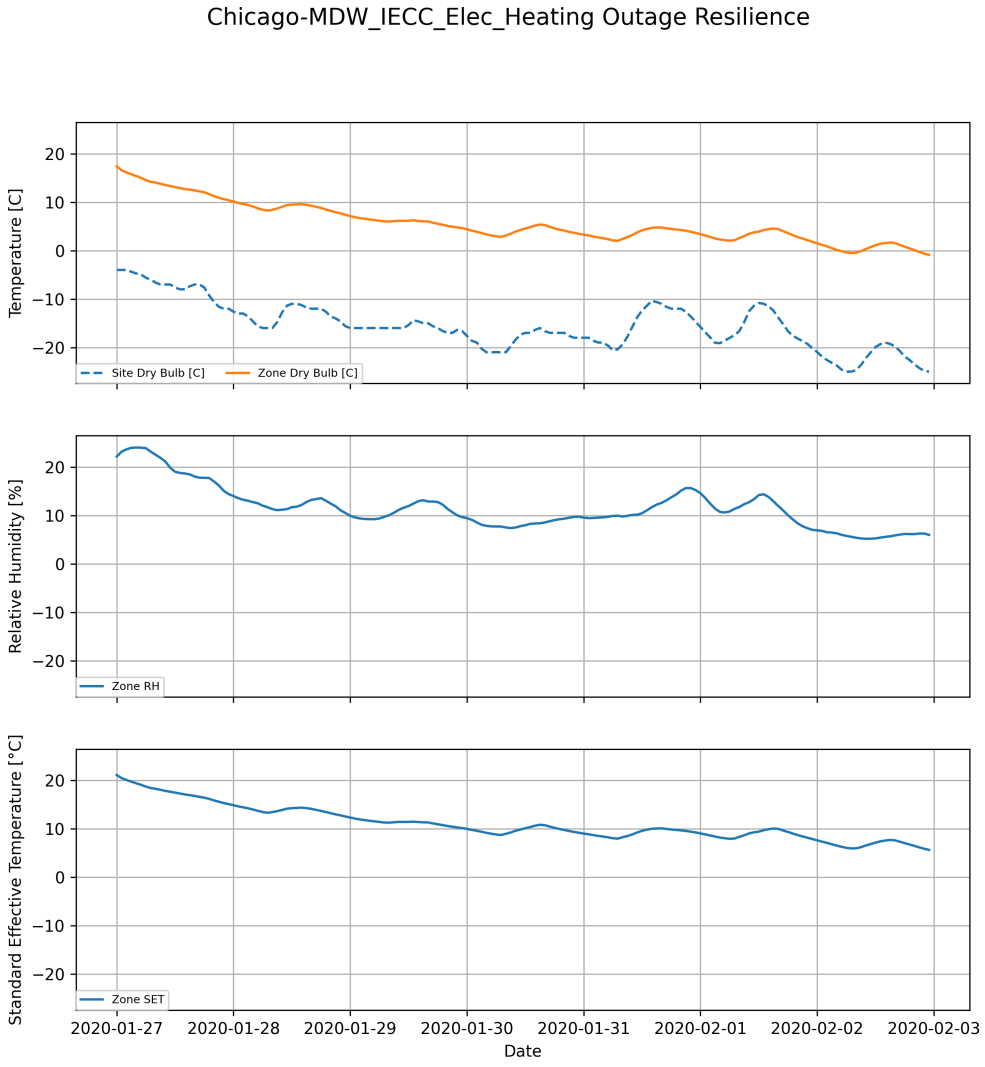
2.2 Adorb Single Point Metrics

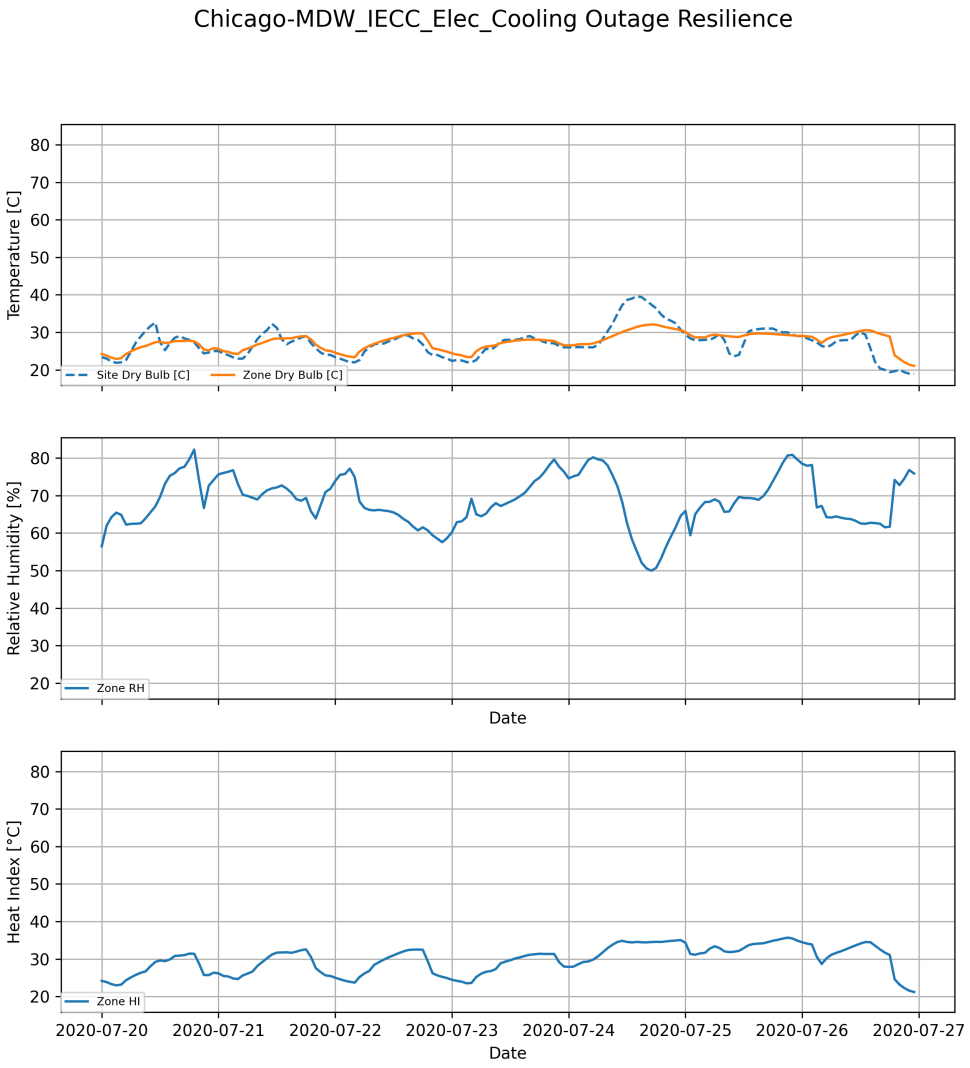
Metric	Result	Unit
Energy Use Intensity	25.66	kBtu/ sf yr
Peak Electrical Load	12254.33	W
First Year Electric Cost	1906.6632555442247	$
First Cost	11417.922	$
Total ADORB Cost	133449.65034037747	$

3 Graph Results

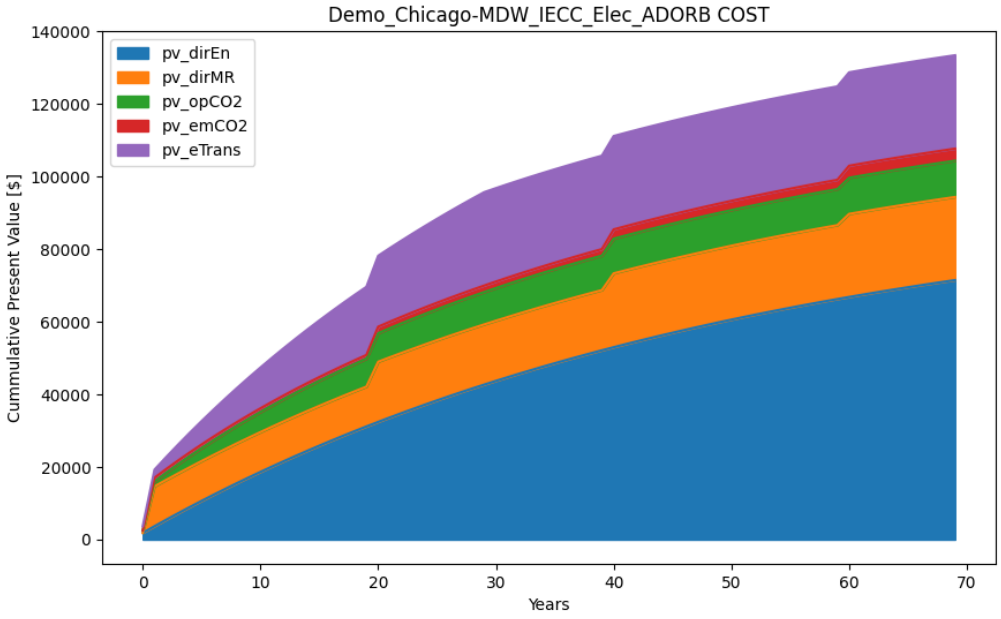
Some regular text and some

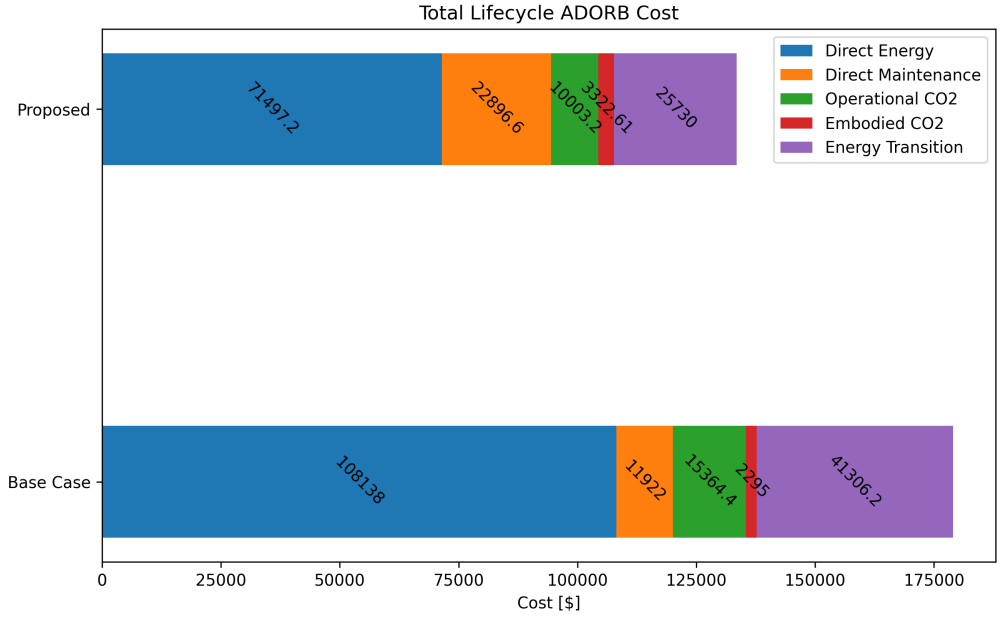
3.1 Resilience Graph Results





3.2 Adorb Graph Results


Demo_Chicago-MDW_IECC_Elec_ADORB COST
pv_dirEn
pv_dirMR
pv_opCO2
pv_emCO2
pv_eTrans
Cummulative Present Value [$]
Years
0
20000
40000
60000
80000
100000
120000
140000
0
10
20
30
40
50
60
70


Total Lifecycle ADORB Cost
Direct Energy
Direct Maintenance
Operational CO2
Embodied CO2
Energy Transition
Proposed
Base Case
71497.2
22896.6
10003.2
3322.61
25730
108138
11922
15364.4
2295
41306.2
Cost [$]
0
25000
50000
75000
100000
125000
150000
175000