REVIVE 2024 Report

Resilience and ADORB Summary

Morphed_Chicago-MDW_Phius Precriptive

1 Introduction

Some regular text and some*italic text.*
Also some crazy characters: $&#{}

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	0.0	°F hr
Hours Below 2°C	0.0	hr
Caution (> 26.7, < 32.2°C)	41.25	hr
Extreme Caution (> 32.2, < 39.4°C)	54.0	hr
Danger (> 39.4, < 51.7°C)	44.25	hr
Extreme Danger (> 51.7°C)	0.0	hr
Heating Battery Size	6.946238079071673	kWh
Cooling Battery Size	4.69877495296324	kWh

2.2 Adorb Single Point Metrics

Metric	Result	Unit
Energy Use Intensity	14.02	kBtu/ sf yr
Peak Electrical Load	4000.57	W
First Year Electric Cost	992.9680847886119	$
First Cost	21075.714	$
Total ADORB Cost	86920.13861114542	$

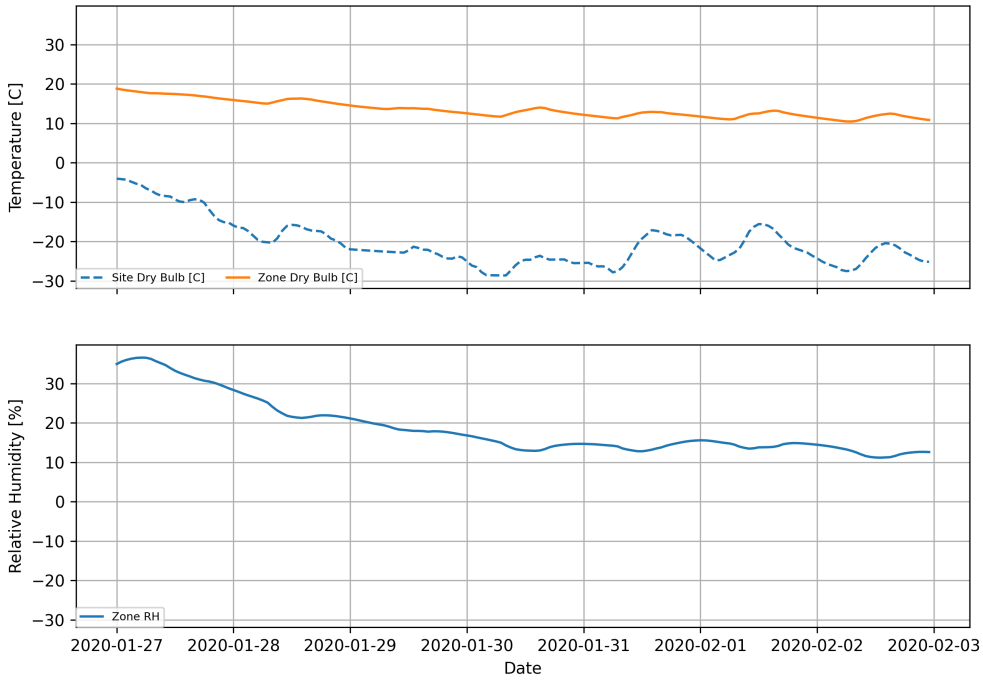
3 Graph Results

Some regular text and some

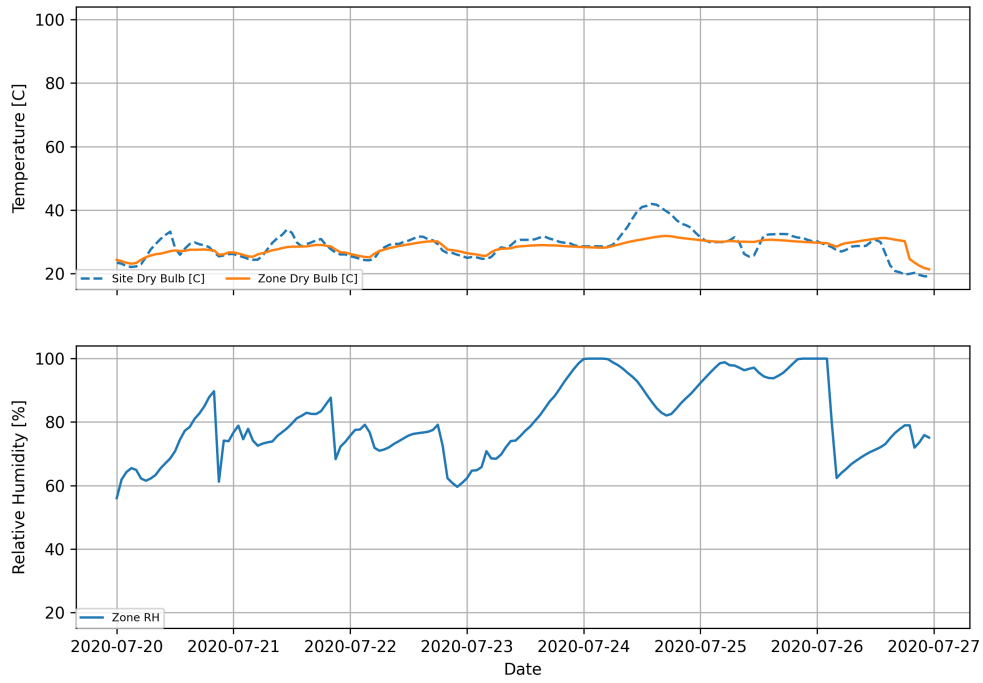
3.1 Resilience Graph Results

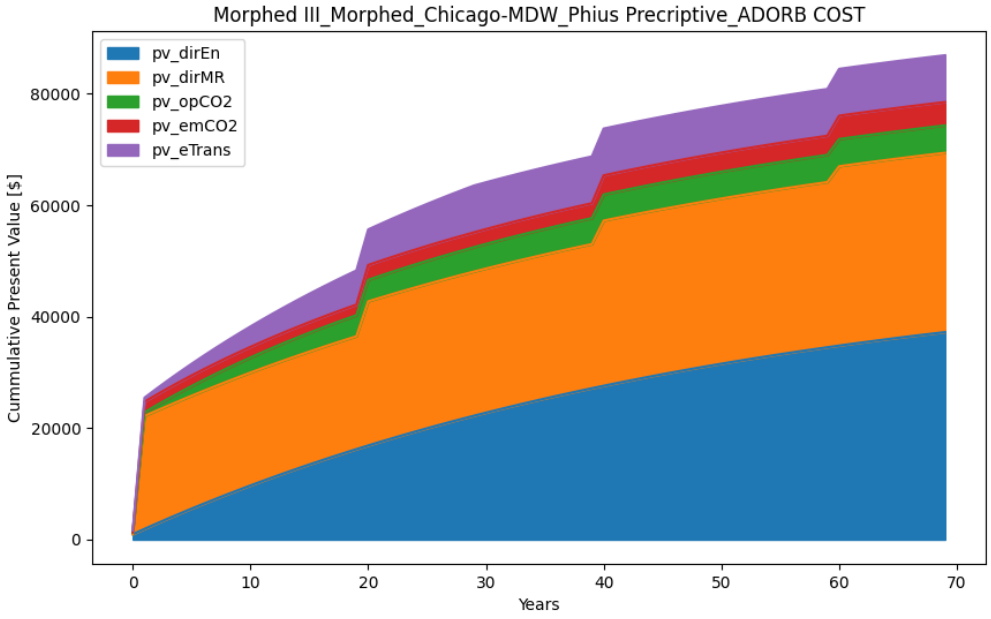
3.2 Adorb Graph Results

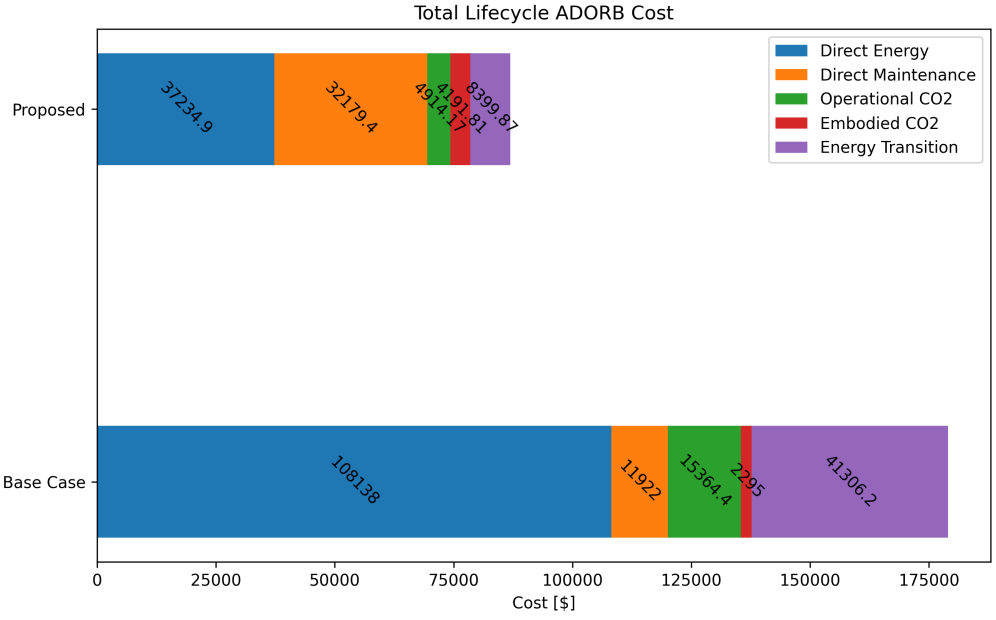
Morphed_Chicago-MDW_Phius Precriptive_Heating Outage Resilience



Morphed_Chicago-MDW_Phius Precriptive_Cooling Outage Resilience




Morphed III_Morphed_Chicago-MDW_Phius Precriptive_ADORB COST
pv_dirEn
pv_dirMR
pv_opCO2
pv_emCO2
pv_eTrans
Cummulative Present Value [$]
0
20000
40000
60000
80000
0
10
20
30
40
50
60
70
Years


Total Lifecycle ADORB Cost
Direct Energy
Direct Maintenance
Operational CO2
Embodied CO2
Energy Transition
Proposed
Base Case
37234.9
32179.4
4914.17
4191.81
8399.87
108138
11922
15364.4
2295
41306.2
0
25000
50000
75000
100000
125000
150000
175000
Cost [$]