REVIVE 2024 Report

Resilience and ADORB Summary

Montreal_Package_3B_IECC+0.04_Elec

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	0.02	°F hr
Hours Below 2°C	0.0	hr
Caution (> 26.7, < 32.2°C)	27.25	hr
Extreme Caution (> 32.2, < 39.4°C)	5.0	hr
Danger (> 39.4, < 51.7°C)	0.0	hr
Extreme Danger (> 51.7°C)	0.0	hr
Heating Battery Size	6.25449496573874	kWh
Cooling Battery Size	3.946466030016281	kWh

2.2 Adorb Single Point Metrics

Metric	Result	Unit
Energy Use Intensity	22.57	kBtu/ sf yr
Peak Electrical Load	5872.08	W
First Year Electric Cost	1675.6704247361192	$
First Cost	11417.922	$
Total ADORB Cost	107411.43673176374	$

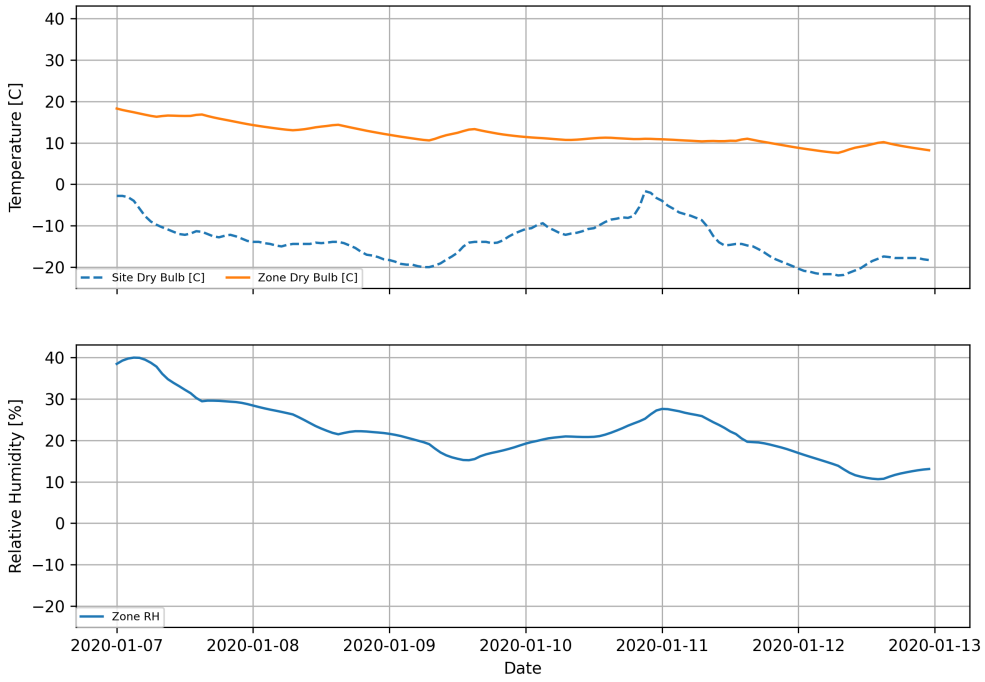
3 Graph Results

Some regular text and some

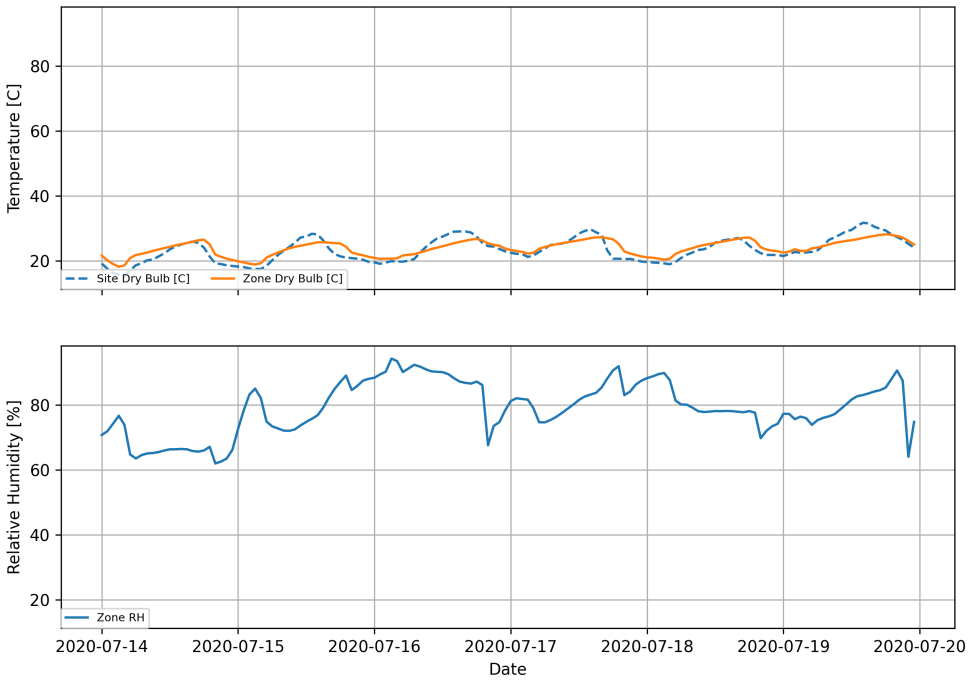
3.1 Resilience Graph Results

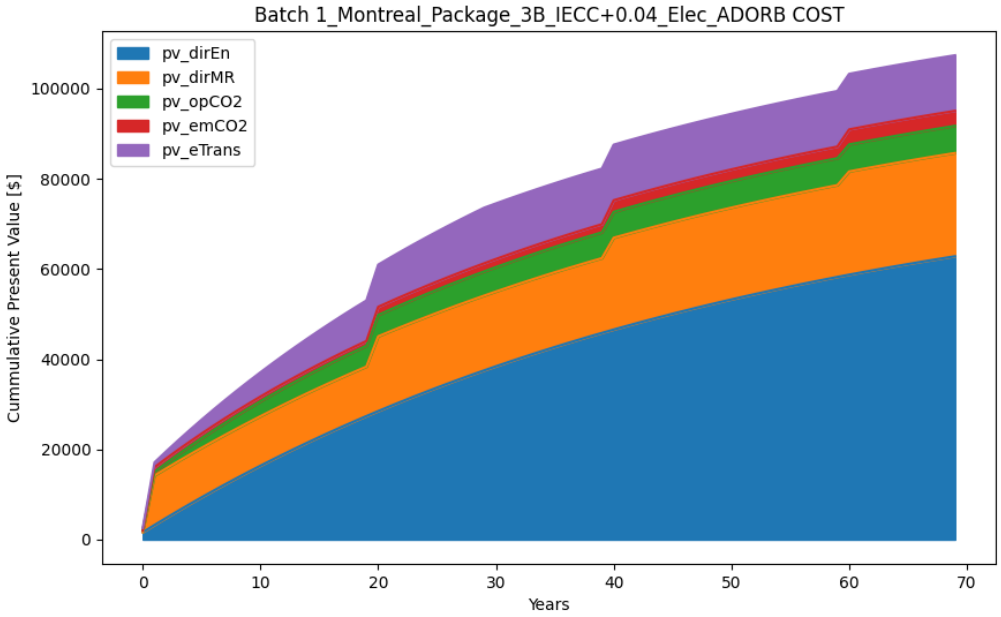
3.2 Adorb Graph Results

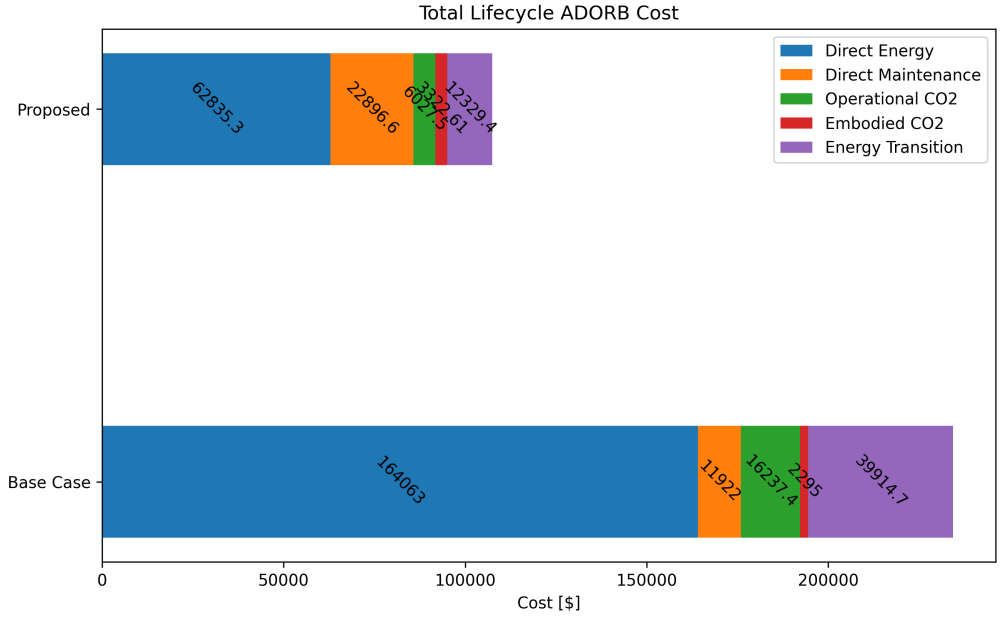
Montreal_Package_3B_IECC+0.04_Elec_Heating Outage Resilience



Montreal_Package_3B_IECC+0.04_Elec_Cooling Outage Resilience




Batch 1_Montreal_Package_3B_IECC+0.04_Elec_ADORB COST
pv_dirEn
pv_dirMR
pv_opCO2
pv_emCO2
pv_eTrans
Cummulative Present Value [$]
100000
80000
60000
40000
20000
0
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
62835.3
22896.6
6027.5
322.61
12379.4
164063
11922
16237.4
2295
39914.7
0
50000
100000
150000
200000
Cost [$]