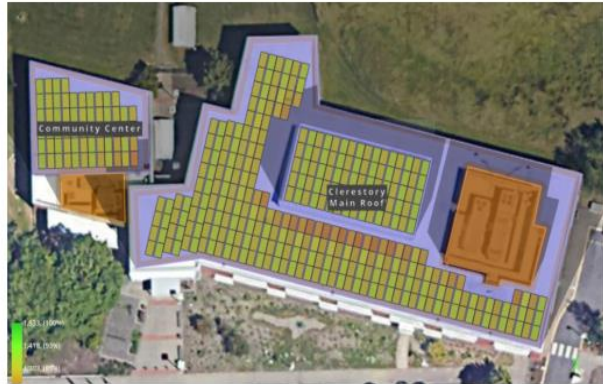


# Tigard Energy Resiliency Initiative

## Rooftop Results

OPTION 1  
East/West Orientation

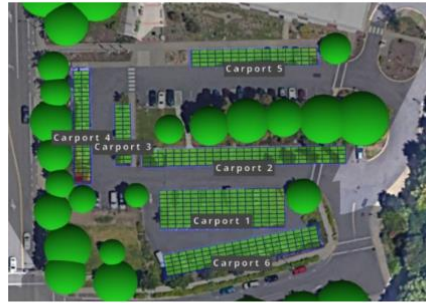


### RESULTS EAST + WEST RACKING

	kW	MWh
Main Roof	154	176
Clerestory	53	60
Community Center	41	47
<b>TOTAL</b>	<b>266</b>	<b>283</b>

## Carport Solar PV

OPTION 2 — Add southern most parking canopy (assumes no conflict with current existing trees)



### PARKING | 6 CARPORTS 7 DEGREE TILT W/ ADDITIONAL SOUTH CANOPY

With Trees	kW	MWh
Carport 1	95	110
Carport 2	69	80
Carport 3	19	22
Carport 4	34	39
Carport 5	42	49
Carport 6	66	76
<b>TOTAL</b>	<b>325</b>	<b>376</b>

## Milestones

Jul.  
2023

Tier 1 Library Feasibility  
Analysis Complete

Oct.  
2023

Tiers 2 and 3  
Reports Complete

Nov.  
2023

Tier 1 Cost and  
Funding Analysis

Jan.  
2024

Council Workshop