

ABOUT YOUR BUILDING

RESULTS

metric imperial

Code Pathway: Prescriptive Performance

Standard ⁱ ZERO Code / 2021 IECC Appendix *

Country United States *

State Oregon

City ⁱ Portland *

Number of Stories 4 *

Add Another Use *

Selected Use Type(s):
Apartment

APARTMENT delete -

Gross Floor Area 38428 * sq.ft *

RENEWABLE ENERGY REQUIREMENTS

Energy Consumption & Generation

	kBtu/ft ² -yr	MBtu/yr
Estimated Building Energy Consumption	41.3	1,586.5
Total Renewable Energy Required	41.3	1,586.5
On-Site PV Generation Potential	10.2	392.8
Remaining Off-Site Procured Renewable Energy	31.1	1,193.7

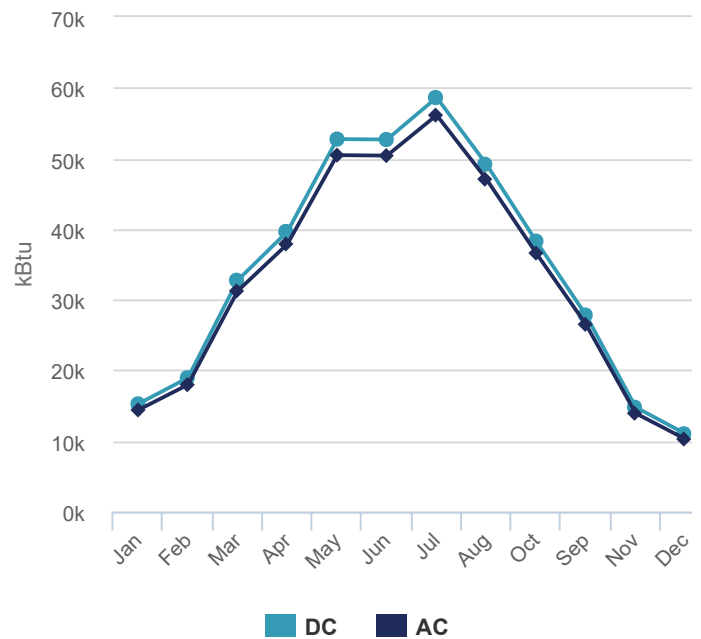
On-Site PV System

Rated Capacity (kW)	100
Estimated Area for Collectors (ft ²)	7,207

ESTIMATED BUILDING ENERGY CONSUMPTION

PVWATTS RESULTS

ANNUAL AC & DC PRODUCTION



FileID 24229.tm2
 City PORTLAND
 State OR
 FTE Solar Hours (hrs/yr) 1,146

	AC Production (kBtu)	DC Production (kBtu)
January	14,389	15,251

ON-SITE PV SYSTEMS

Enter on-site PV system generation potential below, or estimate on-site PV system generation potential using PVWatts. If your building has multiple PV systems enter them below.

Use PVWatts Enter Generation Potential

Set Default Values ⁱ delete -

Estimated Area for Collectors 7206.6 * sq.ft *

Module Type Standard *

Losses (%) 10 *

Array Type Fixed - Open Rack *

Tilt (Degrees) 10 *

Azimuth (Degrees) 180 *

Inverter Efficiency (%) 96 *

⁺ Add another PV System

ZNC Tool

January	17,000	18,201
February	17,969	18,948
March	31,238	32,752
April	37,883	39,649
May	50,457	52,727
June	50,390	52,669
July	56,120	58,612
August	47,055	49,168
September	36,592	38,283
October	26,513	27,829
November	13,922	14,781
December	10,272	11,018
Total	392,801	411,686

GENERATE RESULTS →

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