CPC recommendation to Planning Commission:
PV-reservation and protection for new buildings

Relationship to CEAP Goals and Priority Actions

Goals: Reduce greenhouse gas emissions associated with Ashland's building energy use

Increase energy and water efficiency in City and private buildings

Prepare the city's communities, systems and resources to be more resilient to climate change impacts

Strategy BE-1: Support cleaner energy sources

Priority Action BE-1-3: Facilitate and encourage solar energy production

Context

Ashland currently has an existing Land Use Ordinance regarding Solar Access(18-4.8)

Previous amendments to the section included the following verbage, however were not endorsed by Planning Commission[ref. 7.22.201 PC Public Hearing-Solar Reserve]:

18-4.8.050 Solar Orientation Standards

Land divisions which create lots in residential zones shall meet the following solar orientation standards.

A. **Street and Lot Orientation.** Where site and location permit, layout new streets as close as possible to a north-south and east-west axis so that lots and buildings within the street network have south facing sides for maximum solar access.

B. **Building Orientation.** Where the site and location permit, buildings shall meet the following standards.

1. Orient buildings so that the long sides of the structure face north and south.
2. Design habitable structures so the primary living spaces, rather than less frequently used areas such as utility rooms, closets or garages, are located on the south side of buildings.
3. Design habitable structures so that at least 30 percent of the roof area faces within 15 degrees of south in order to provide surface area for solar collection.

CPC Proposed Amendment to sub-section 18.4.8.050-B of the solar access code:

1. Design habitable structures so the primary living spaces, rather than less frequently used areas such as utility rooms, closets, or garages are located on the south side of buildings.

2. Design habitable structures so that at least 30% of the roof area faces within 15 degrees of south in order to provide surface area for solar collection.

PV Array Output as Percent of Optimum, for Medford, OR