

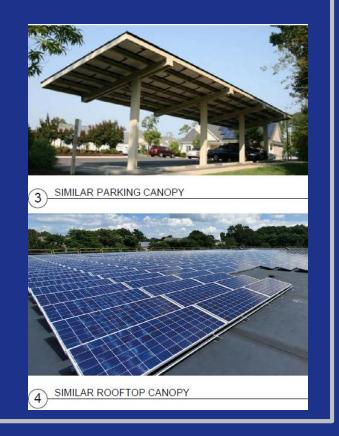
# **CMS Solar Project**

- Goal: Net Zero Building or generating as much energy as being used on site
- Cost will be separate from proposed article
- CMLP is leading the design and financing



### **CURRENT STATUS**

- CMLP hired a consultant to assist
- Completed feasibility study of maximum installation
- Rooftop and ground canopies are possible







## **EMSBC AND CMLP COORDINATION**

- Designers have been collaborating
- CMLP has met with CMSBC on several occasions
- Project has been presented to the Light Board
- Estimated energy use intensity (EUI) < CCHS</li>
  - CCHS approximately uses less than 1 MW
  - Max capacity is approximately 4MW so even if half are installed, we should be able to meet need



#### **CMLP NEXT STEPS**

- If the CMS warrant article is approved:
  - CMLP consultant will work with CMS designers to design a system meeting or exceeding energy needs
  - With size and capacity numbers, CMLP will determine the financing to ensure equitable benefits to customer base



#### TIMING OF SOLAR

- Will aim to work in tandem with CMSBC timeline:
  - 1.5 of design and bid
  - 1.5 years of construction
- Exact timing of construction will need to be assessed during future design phase



## **COST ESTIMATES OF SOLAR**

Rooftop Panels \$1,900,000

Canopy +\$2,000,000

Total for Solar \$3,900,000

Battery \$4-6 million (depending upon size)