

City of Bowie Solar Projects

**Kristin Larson
Sustainability Planner**

4/21/2016

Genealogy Library



Year Installed

2010

Capacity

3.6 kW

Funding Source

**Energy Efficiency and
Conservation Block Grant
issued by the U.S. Dept. of
Energy**



Radio & T.V. Museum

Year Installed

2011

Capacity

8.82 kW

Funding Source

**Energy Efficiency and
Conservation Block Grant
issued by the U.S. Dept. of
Energy**



Park Maintenance Facility



Year Installed

2012-2013

Capacity

30.88 kW

Funding Sources

Energy Efficiency and Conservation Block Grant issued by the U.S. Dept. of Energy

City renewable energy budget allocation

Senior Center

Year Installed

2014

Capacity

15.25 kW

Funding Source

City renewable energy budget allocation



Streets & Utilities Building



Year Installed

2015

Capacity

12.48 kW

Funding Sources

City renewable energy budget allocation

MEA Smart Energy Communities

Wastewater Treatment

Year Installed

2015

Capacity

19.24 kW

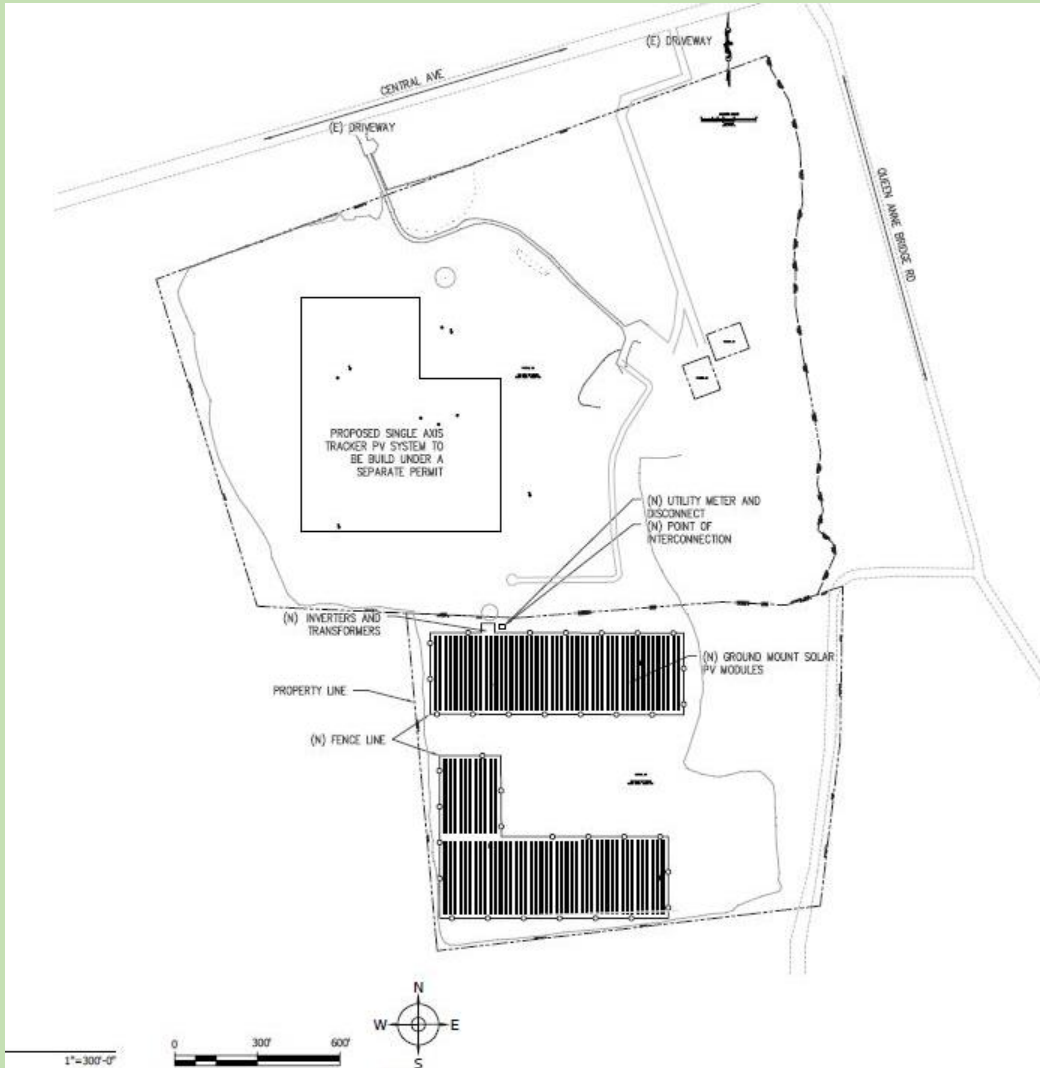
Funding Sources

City renewable energy budget allocation

MEA Smart Energy Communities



Entzian Farm Property



Year Installed

In Progress for 2016

Capacity

4 MW

Funding Source

**Financed by SolarCity Power
Purchase Agreement**

Summary

90.27kW of Solar PV Installed on 6 Facilities
Projected savings of Over \$45,000 in 25 years

4 MW of Solar PV In Progress
Projected savings of over \$370,000 annually
Investigating Solar for Kenhill Center in FY17

Altogether the environmental benefit will be equal to
taking 835 passenger vehicles off the road for 1 year
or the energy used in 388 homes over 1 year

Questions?

Kristin Larson

Sustainability Planner

City of Bowie

301-809-3044

klarson@cityofbowie.org