



City of Dallas

Community Solar

Environment & Sustainability Committee
June 7, 2021

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City of Dallas

Presentation Overview



- Background
- FY20-21 Work Plan
- Dallas Community Solar Initiative
- Landfill Solar RFCSP
- SolSmart Designation

Background



- CECAP Solar Power Targets
 - 2030: 739,000 KW installed
 - 2050: 3,695,000 KW installed
- Energy Sector Goals:
 - Maintain a high degree of reliability during extreme weather events
 - Encourage investment in, and greater use of, renewable energy
 - Ensure affordable access to renewable electricity



Background



- FY20-21 Budget includes \$250k for the development of community solar
- Finalized *Low Income Solar Assistance Program Study* through an NCSP Technical Assistance Grant
 - Recommendations include “City Sponsored Community Solar Development”



FY20-21 Work Plan



- E3: Continue partnership with public utility companies on an intensive program on renewable energy options.
- E5: Build a regional strategic partnership to promote adoption of renewable energy.
- E7: Extend city efforts to develop more renewable energy projects on city facilities.



Dallas Community Solar Initiative



- Pilot project between the OEQS and Housing
- Part of grant agreement with St. Philip's School and Community Center to construct six new homes
- Forgivable loan program will provide up to \$20k per home for solar panel installation
- May reduce energy expenses by an average of \$2,800/year



Peteonline22/Wikimedia Commons



Dallas Community Solar Initiative: Next Steps



- Resolution to Council in June
- Exploring additional funding opportunities through the National Renewable Energy Laboratory

Landfill Solar RFCSP

Objectives:

- Contract a developer to construct a solar farm at Deepwood and Loop 12 Landfills
- Develop a financial structure to support community solar that will decrease energy burden among LMI households
- Increase renewable energy generation in Dallas



Landfill Solar RFCSP: Next Steps



- Finalize and publish RFCSP
- Review and score respondents
- Select developer and award contract

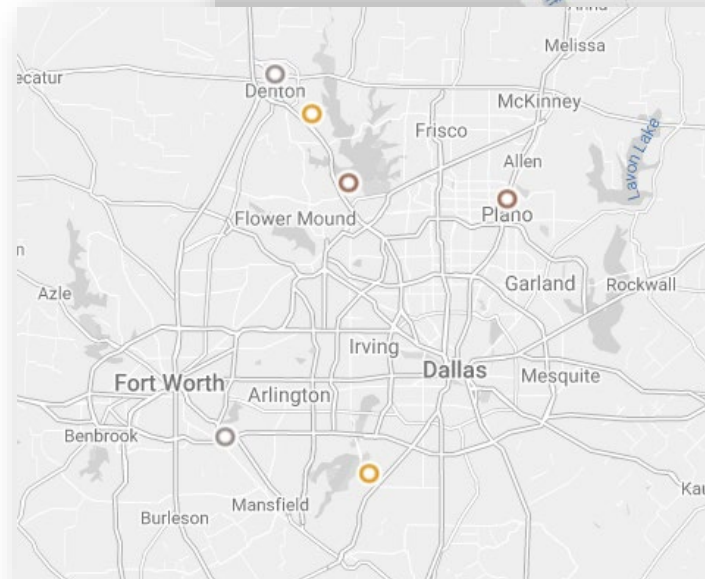
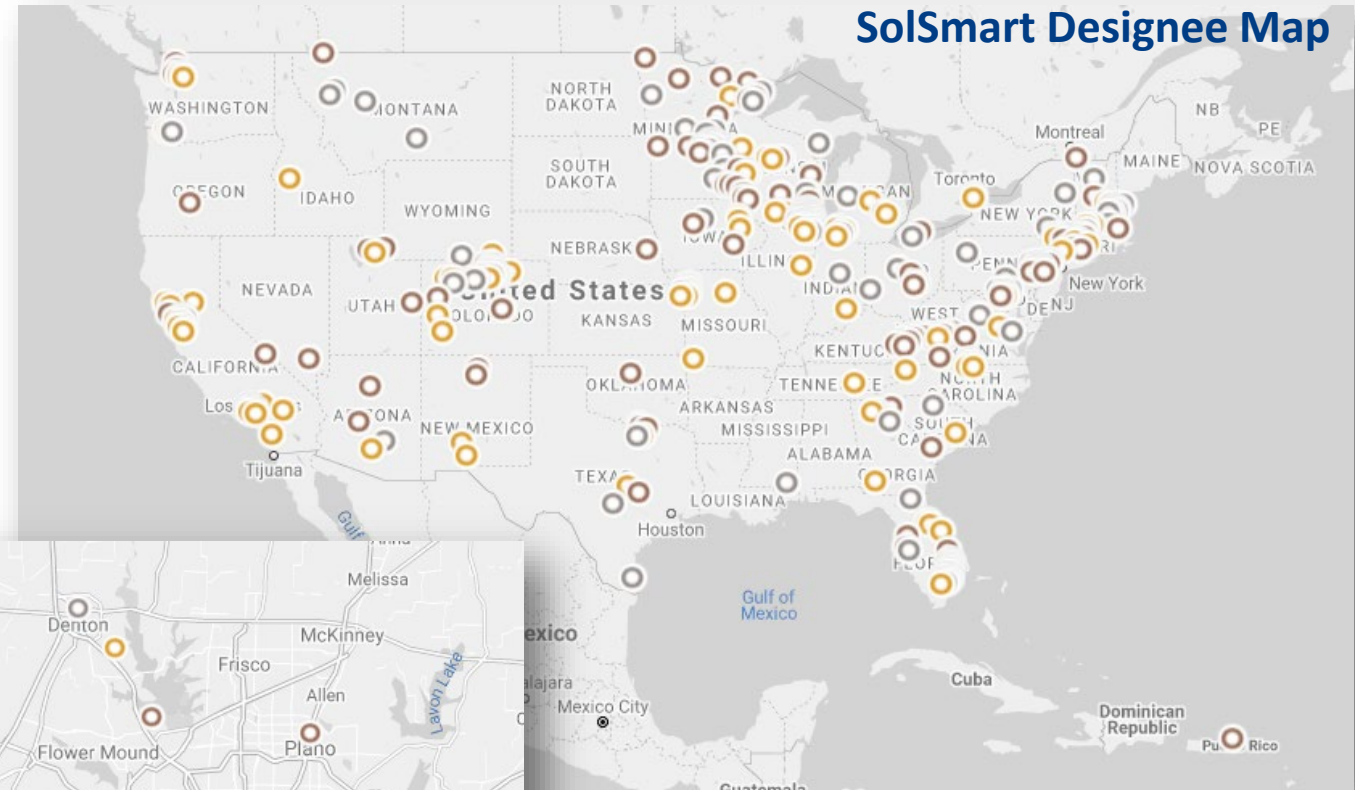


2 MW Solar Farm on a closed landfill in Beacon, NY (20 acres)

SolSmart Designation



- Currently considering SolSmart designation through NCTCOG
- Standardizes solar related codes and streamlines permitting process
- Demonstrated increase in solar adoption
- NTX cities currently designated SolSmart:
 - Denton
 - Corinth
 - Lewisville
 - Cedar Hill
 - Plano



SolSmart is a national designation program designed to recognize communities that have taken key steps to address local barriers to solar energy and foster the growth of mature local solar markets.





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