

Greater Cleveland
Regional Transit Authority
Solar Energy Procurement
Operational Planning and Infrastructure
Committee –
June 5, 2018

Greater Cleveland Regional Transit Authority



Background

- Renewable Energy Committee
 - November 2017
 - Explore the possibility/feasibility of solar as a renewable energy source /site selection
 - OMB, Engineering, Operations and Energy Manager

Solar Benefits

- Financially
 - Diverts electricity into solar
 - Reduces energy costs
- Environmentally
 - Reduces and controls greenhouse gas emissions
 - Energy independence

Progress Update

- Site selection
 - Triskett
 - Paratransit
 - Euclid Park and Ride
- County Department of Sustainability

Partnership - County

- County's Goal
 - Partnering organizations forward in a joint procurement of solar energy
 - Long-term vision of contributing to renewable and affordable energy for communities in Cuyahoga County

Partnership - County

- Benefits
 - Purchasing power
 - Leveraging County resources
 - Intergovernmental collaboration
 - Public relations

Partnership - County

- Other Interested Organizations
 - Cuyahoga County
 - City of Cleveland Heights
 - City of South Euclid
 - Metro Hospital
 - Metroparks
 - Tri-C

Partnership - County

- Items Needed
 - Non Binding Letter of Interest (LOI)
 - Memorandum of Understanding (MOU)

Partnership - County

- Non Binding Letter of Interest (LOI)
 - Non Binding
 - Participate in a pre-bid conference during the RFP process –with a walk through
 - Make a good faith effort to enter into a Power Purchase Agreement with the selected vendor
 - Allow us to walk away if our conditions are not met

Partnership - County

- Memorandum of Understanding (MOU)

Power Purchase Agreement (PPA)

- Common financing tool
- Solar developer designs, finances, installs, owns and maintains the solar.
- GCRTA pays for electricity produced from the panel at a rate lower than current electrical rate
 - Financial savings and incentive

Going Forward

- RFP process
- Vendor Selection
- Contract negotiation
- Financial analysis
- Installation

Request from Committee

- Request the approval of the Non Binding LOI and MOU for BOT approval at a future Board Meeting

Questions

Greater Cleveland Regional Transit Authority

