

CPRG IMPLEMENTATION GRANTS COMPETITION COVER PAGE FOR APPLICATION

APPLICANT INFORMATION:

Organization: Cuyahoga County

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TYPE OF APPLICATION: Lead Applicant for a Coalition

Coalition Members: City of Cleveland, OH and City of Painesville, OH

FUNDING REQUESTED: \$129,396,997

APPLICATION TITLE: Municipal Empowerment for Clean Energy and Conservation (MECEC)

BRIEF DESCRIPTION OF GHG MEASURES: *Describe each GHG reduction measure contained in the application (1-2 sentences each).*

Clean Energy: Three local government/municipal utilities in Cuyahoga County (OH), the City of Cleveland (OH), and the City of Painesville (OH) are forming a coalition through this proposal to install 63 MW of solar generation on brownfields and landfills in Northeast Ohio. Central to this project will be the closure of a peaking coal-fired power plant located in a Justice40 community of Painesville through the addition of a 35 MW solar installation and 10 MW's of battery storage.

Nature Based Solutions: Additive to these solar projects is an enormous Nature Preserve and Habitat Restoration project in Painesville and Pollinator Habitat establishment at the Cleveland and Cuyahoga solar sites.

SECTORS:

- Electricity Generation
- Other: Nature Based Solutions

EXPECTED TOTAL CUMULATIVE GHG EMISSION REDUCTIONS *for all proposed measures combined, provide the estimated cumulative GHG reductions:*

Estimated cumulative GHG reductions for 2025-2030 (in metric tons): 206,445,695

Estimated cumulative GHG reductions from 2025-2050 (in metric tons): 995,322,667

LOCATIONS:

City: Cuyahoga County (Cities of Cleveland, Brooklyn, Garfield Heights), Lake County (City of Painesville)

State: Ohio

APPLICABLE PRIORITY CLIMATE ACTION PLANS (PCAP) ON WHICH MEASURES ARE BASED

PCAP Lead Organization: Northeast Ohio Areawide Coordinating Agency (NOACA)

PCAP Title: Cleveland-Elyria Metropolitan Statistical Area Priority Climate Action Plan

PCAP Website:

<https://www.epa.gov/system/files/documents/2024-02/cleveland-elyria-msa-pcap.pdf>

List of GHG reduction measures and PCAP page reference for each measure:

Clean Energy: Section 3.3, Page 69-74. Additional notation for Painesville Coal Plant, page 150 in Table 27.

Nature Based Solutions: Page 161.