



Delegated Action of the Executive Director

PROJECT

Photovoltaic Solar System at Empowering Males High School - formerly Ron Brown Middle School

4800 Meade St NE
Washington, DC

SUBMITTED BY

District of Columbia Department of General Services

NCPC FILE NUMBER

7775

NCPC MAP FILE NUMBER

81.00(38.00)44332

ACTION TAKEN

Approve as requested

REVIEW AUTHORITY

Advisory
per 40 U.S.C. § 8722(b)(1)

The District of Columbia Department of General Services (DGS) submitted a proposal to allow Nextility, an independent power producer (IPP), to install a rooftop, photovoltaic (PV) solar system at the future home of the Empowering Males High School. The high school, planned to be open during the next school year, will be located in the former Ron Brown Middle School at 4800 Meade Street, NE, which is currently undergoing renovations for this new use.

Under a power purchase agreement contract, the IPP will install, maintain, and operate the rooftop PV solar systems through a 20-year lease, whereby the District will purchase the power generated at each site from the IPP at a reduced rate during the length of the PPA.

The proposed 1,212 PV solar panels at the high school will cover an area of approximately 33,330 square feet, which is 49% of the existing roof area. All panels will be set back at a minimum of 6 feet from the rooftop edge and have a maximum installation height of 29 inches above the roof to minimize views from the ground-level.

DGS states that the PV solar system will generate approximately 622.8 megawatt hours (MWh) of electricity for the high school annually, reducing annual grid consumption by approximately 40 percent and offsetting 430 metric tons of carbon dioxide per year.

Consistent with many federal sustainability policies and goals, the project will result in cost savings to the District government by using "green" energy. In addition, with their planned setbacks from roof edges and minimal height above the roof the PV panels are not anticipated to impact views to and from any federal properties. Further, the installation of the PV panels will be easily reversible and are designed to not damage the "fabric" of the building. For these reasons, this project is not inconsistent with policies contained within the Federal Elements of the Comprehensive Plan for the National Capital.

The Coordinating Committee reviewed the proposal at its April 13, 2016 meeting. The Committee forwarded the proposal to the Commission with the statement that it has been coordinated with all participating agencies. The participating agencies were: NCPC; the District of Columbia Office of Planning; the District of Columbia Department of Transportation, the General Services

Administration; the National Park Service and the Washington Metropolitan Area Transit Authority.

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Pursuant to delegations of authority adopted by the Commission on October 3, 1996 and per 40 U.S.C. § 8722(b)(1), I approve preliminary and final building plans for a Photovoltaic Solar System at Empowering Males High School, 4800 Meade Street, NE Washington, DC.

//Original Signed//

Marcel Acosta
Executive Director

Date