



## Delegated Action of the Executive Director

**PROJECT**  
**Photovoltaic Solar Systems-4 at Various Buildings in the District of Columbia**  
 Washington, DC

**NCPC FILE NUMBER**  
 7778

**NCPC MAP FILE NUMBER**  
 00:00(38.00)44333

**SUBMITTED BY**  
 District of Columbia Department of General Services

**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) has submitted a proposal that will allow DC Solar, an independent power producer (IPP), to install rooftop photovoltaic (PV) solar systems at 14 District-owned sites across the District. Under a power purchase agreement contract, the IPP will install, maintain, and operate 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. Each site will have varying numbers/configurations of PV solar panels depending upon the size of each rooftop. All panels will be set back at a minimum of 4 to 7.5 feet from the rooftop edge and have a maximum installation height of 9.5 inches above the roof to minimize ground-level view impacts. Information for each of the 14 sites is summarized in the table below.

<b>Building</b>	<b>Location</b>	<b># PV Panels and % Roof Area (w/ Power Generation)</b>	<b>PV Area</b>
5 <sup>th</sup> District Police Station	1805 Bladensburg Rd, NE	297 panels / 73% (106 MWh)	7,600 sq.ft.
Brightwood Education Campus	1300 Nicholson Street, NW	243 panels / 21% (87 MWh)	6,300 sq.ft.
Coolidge High School	6315 5 <sup>th</sup> Street, NW	682 panels / 63% (243 MWh)	18,000 sq.ft.
Deal Middle School	3815 Fort Drive, NW	216 panels / 46% (77 MWh)	5,800 sq.ft.
H.D. Cooke Elementary School	2525 17 <sup>th</sup> Street, NW	162 panels / 31% (58 MWh)	3,900 sq.ft.
Hillcrest Recreation Center	3100 Denver Street, SE	418 panels / 50% (149 MWh)	10,900 sq.ft.
Langley Education Campus	101 T Street, NE	220 panels / 12% (78 MWh)	5,600 sq.ft.
LaSalle-Backus Education Campus	501 Riggs Road, NE	324 panels / 40% (115 MWh)	8,400 sq.ft.
Luke C. Moore High School	1001 Monroe Street, NE	216 panels / 37% (77 MWh)	6,500 sq.ft.
Moten Elementary School	1565 Morris Road, SE	297 panels / 27% (106 MWh)	7,700 sq.ft.
Trinidad Recreation Center	1310 Childress Street, NE	198 panels / 66% (71 MWh)	5,300 sq.ft. /

Building	Location	# PV Panels and % Roof Area (w/ Power Generation)	PV Area
Walker-Jones Education Campus	1125 New Jersey Avenue, NW	216 panels / 12% (77 MWh)	5,600 sq.ft.
Wilson Aquatic Center	4551 Fort Drive, NW	270 panels / 26% (95 MWh)	7,060 sq.ft.
Wilson High School	3950 Chesapeake Street, NW	351 panels / 38% (124 MWh)	11,800 sq.ft.
<i>TOTAL</i>		<i>4,110 panels (1,463 MWh)</i>	<i>110,480 sq.ft.</i>

The DGS notes that the project will reduce overall carbon dioxide emissions generated at these District-owned sites, with a total reduction of 1,010 metric tons 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 any of the buildings. For these reasons, the proposal is not inconsistent with policies contained within the Federal Elements of the Comprehensive Plan for the National Capital.

The Coordinating Committee reviewed this proposal at its April 13, 2016 meeting. The Committee forwarded it 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 Photovoltaic Solar Systems – 4 to be located on the roofs of 14 District-owned buildings in the District of Columbia.

//Original Signed//

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 Marcel Acosta  
 Executive Director

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 Date