

Solar Summit 2016



Bringing Solar Power to Government Buildings

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DCAS Energy Management



R445 – Port Richmond High School, Staten Island



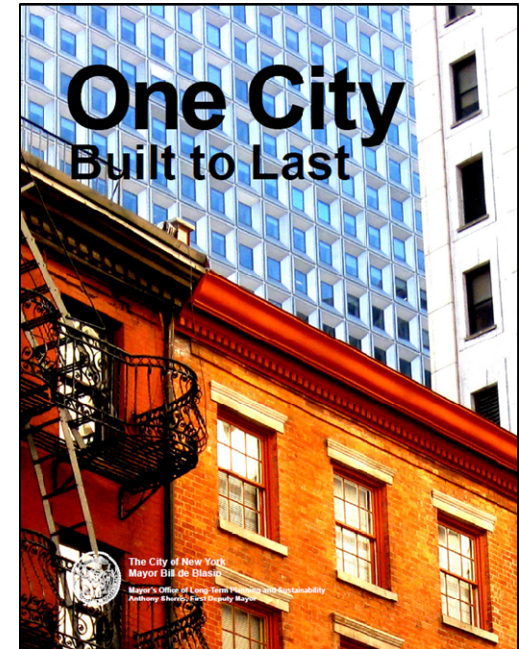
K505 – FDR High School, Brooklyn

Install 100 MW of Solar on City Property by 2025

One City: Built to Last - Increase clean energy supply and improve resiliency through installation of solar

- Overall goal to reduce greenhouse gas emissions 80% by 2050
- Interim step for 25 MW of solar by end of 2018
- 8.8 MW currently installed

Agency	Number of Completed Projects
City Hall	1
DCLA	3
DEP	1
DOC	1
DOE	35
DOT	3
DPR	1
DSNY	2
FDNY	2
NYPD	3
Total	52

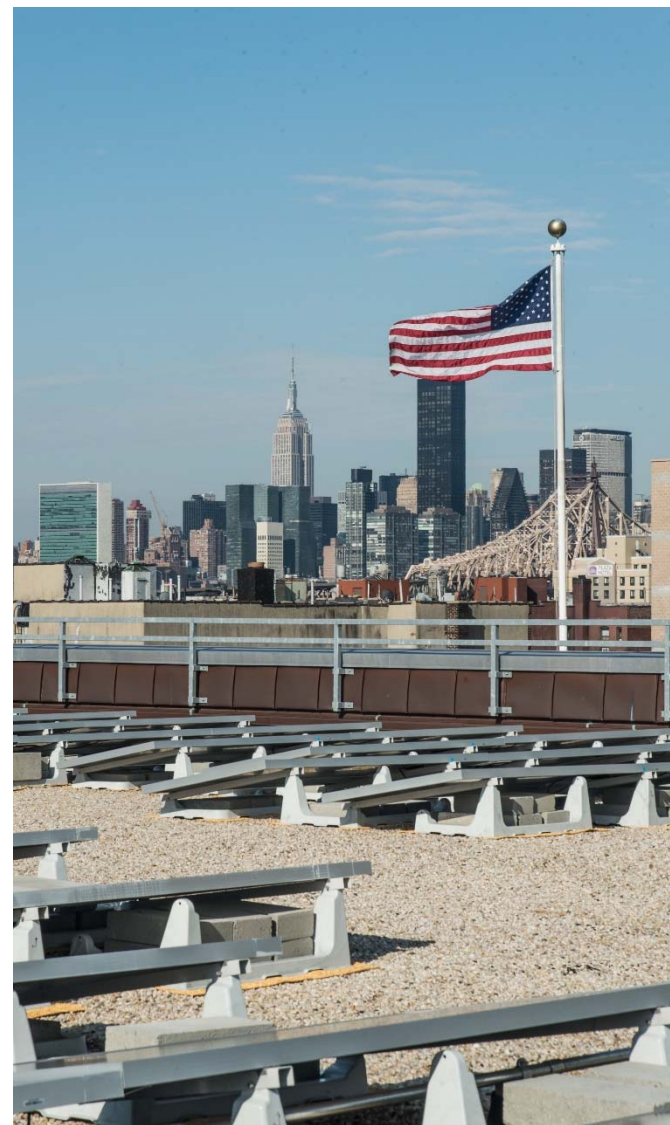


Progress Since 2015 Solar Summit

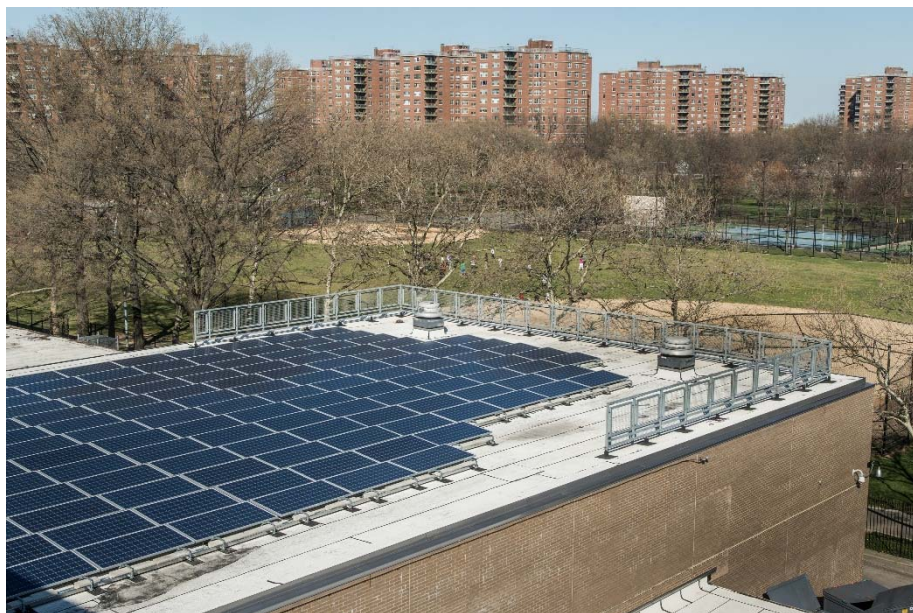
Total Installations	Total Installed Capacity	Annual kWh Production	Annual GHG reductions	Annual Avoided Energy Costs
25	5.9 MW	6,874,383 kWh	2,106 Mg CO ₂	\$1,262,085



Q204 – I.S. 204 Oliver W Holmes



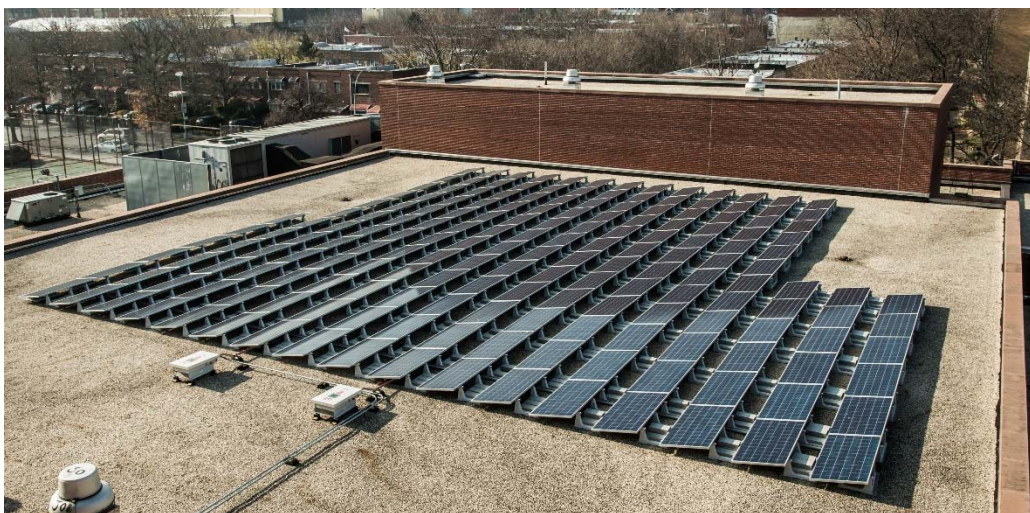
Q072 – Catherine and Count Basie Middle School 72



X425 – Bronx Lab School



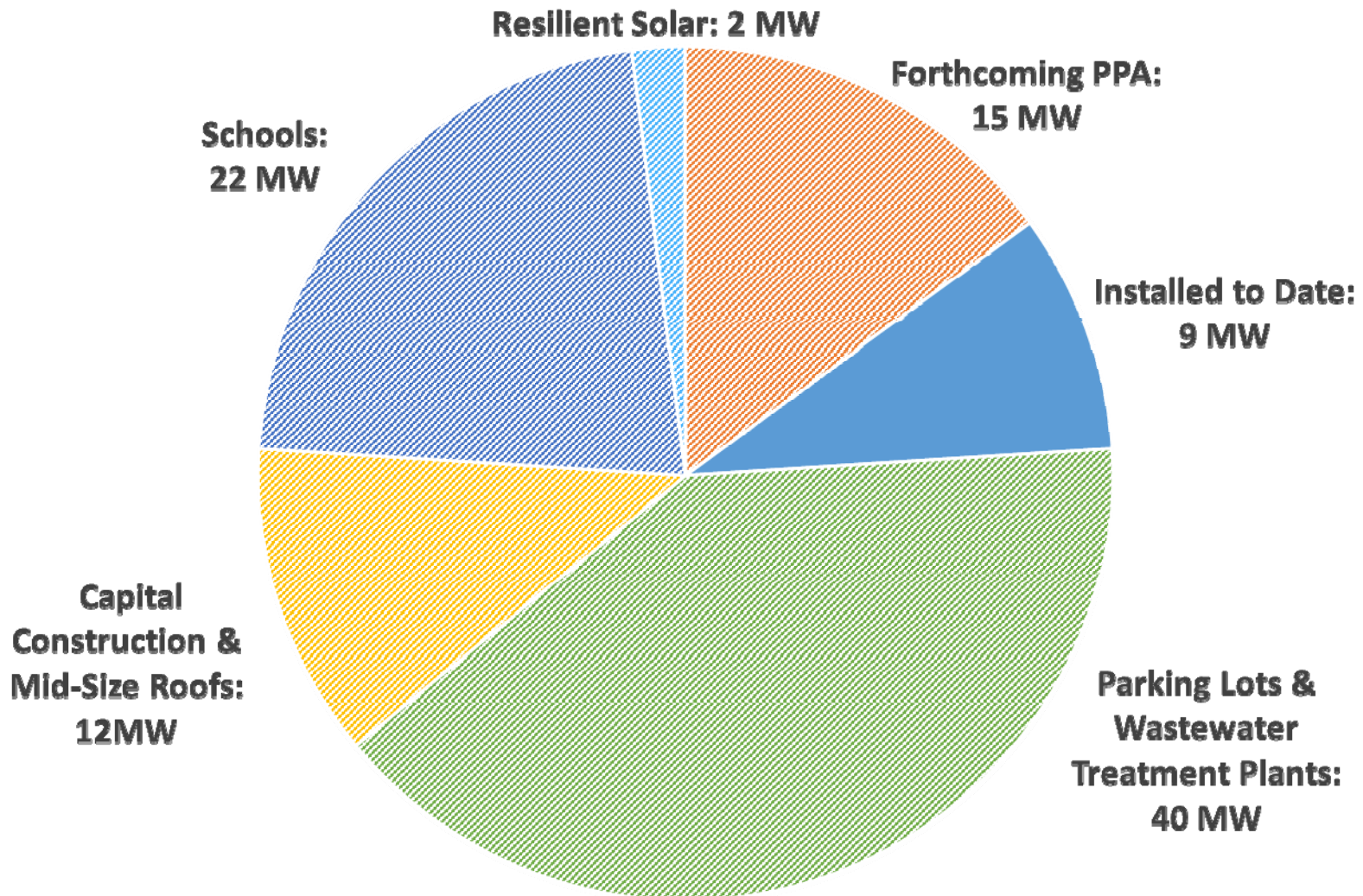
K455 – Boys and Girls High School



Q505 – Hillcrest High School



Solar PV – 100 MW Citywide Strategy



Local Law 24 of 2016

Requires DCAS to report on the solar potential for City-owned buildings over 10,000 SF

Identify
buildings
subject to LL24

- Buildings 10,000 square ft. and up only

Determine if
“solar ready”

- Roof age of 10 years and younger
- Good structural roof condition

Calculate
potential

- System size
- Annual kWh production
- GHG emissions reductions

IDEA Program – Innovations in Renewable Energy

- RFI to be released September 2016
- Potential technologies include:
 - Building integrated photovoltaics
 - Glass to energy
 - Small scale solar applications
 - Wind power
 - Wave power
 - Regenerative power



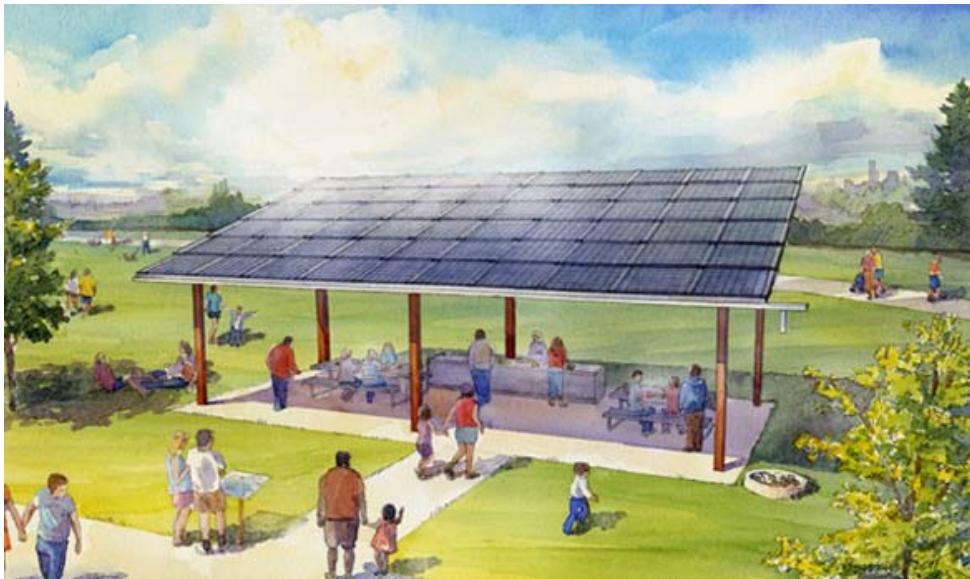
Connecting Solar to the Community


**WE ARE
AN NYC
SOLAR SCHOOL**

NYC Department of
Education



energy **NYC**





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