

Decarbonization with Decarceration: Renewable Rikers and the Transition to Clean Power

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“Cool They Have Opened a Portal to Hell”

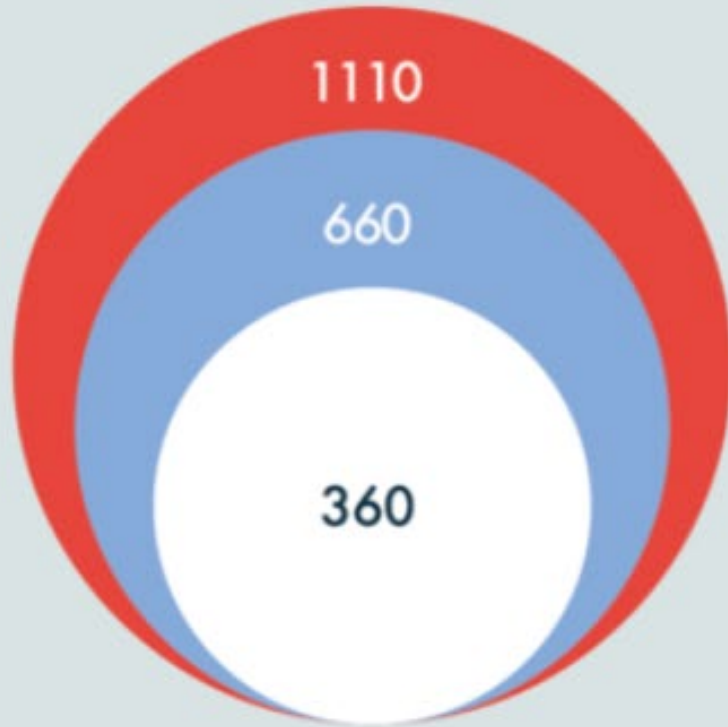
Global warming since pre-industrial

2.0°C

1.7°C

1.5°C

Remaining carbon budget 2021+, GtCO₂ (66% chance of success)



For a 66% chance to keep warming to 1.5°C, the amount of CO₂ emissions that can be released in the atmosphere is about 360 GtCO₂. For a 66% chance of staying below 1.7°C, it is about 660 GtCO₂.

We are currently emitting about 41.5 GtCO₂ each year.

41.5



So, at current rate of production, that means that we have approximately:



#CLOSE

RIKERS

CLOSE
RIKERS
NOW!!!
#CLOSERIKERS

EDUCATE!
RIKERS
\$200/YEAR
HARVARD
\$40/YEAR
#CLOSERIKERS

#CLOSE RIKERS

38

Albion Street
Queens

ONE WAY

ROOM

A MORE JUST NEW YORK CITY

Independent Commission on New York City
Criminal Justice and Incarceration Reform



LIPPMAN COMMISSION REPORT APRIL 2017

Promoting Public Benefit: Rikers Island offers a unique opportunity to generate broad public benefits for all New Yorkers and specifically to the communities that have been most negatively affected by jails. Public benefits should include creating accessible good-paying jobs, promoting equity, improving the environment, and increasing resiliency.



Mayor Bill de Blasio @NYCMayor · Oct 17, 2019

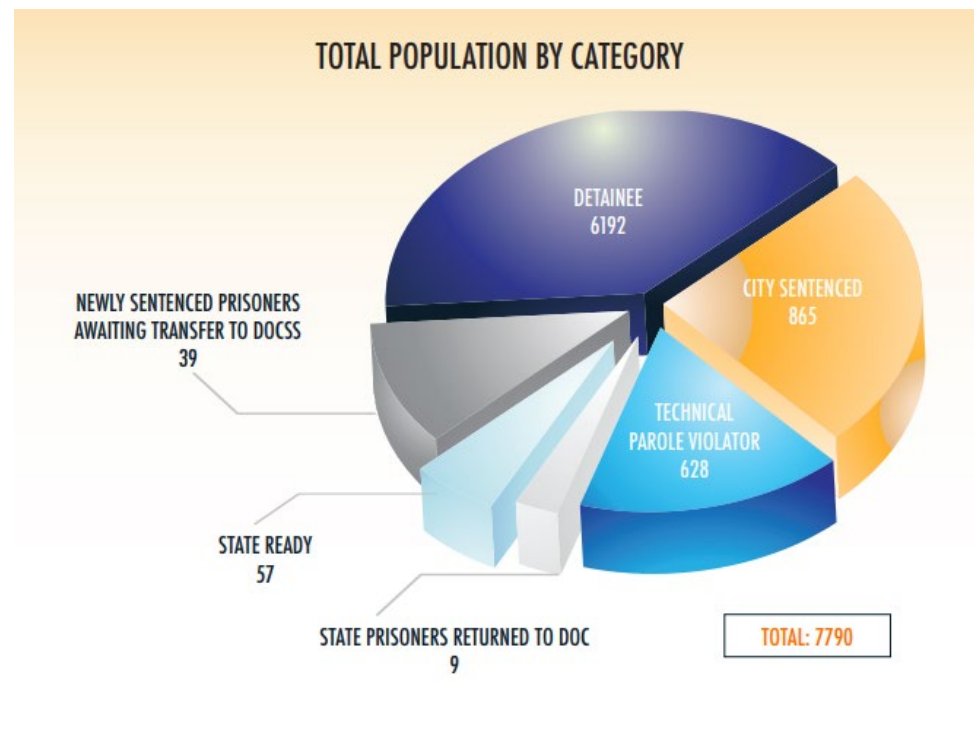
Today we made history. The era of mass incarceration is ending in New York City.

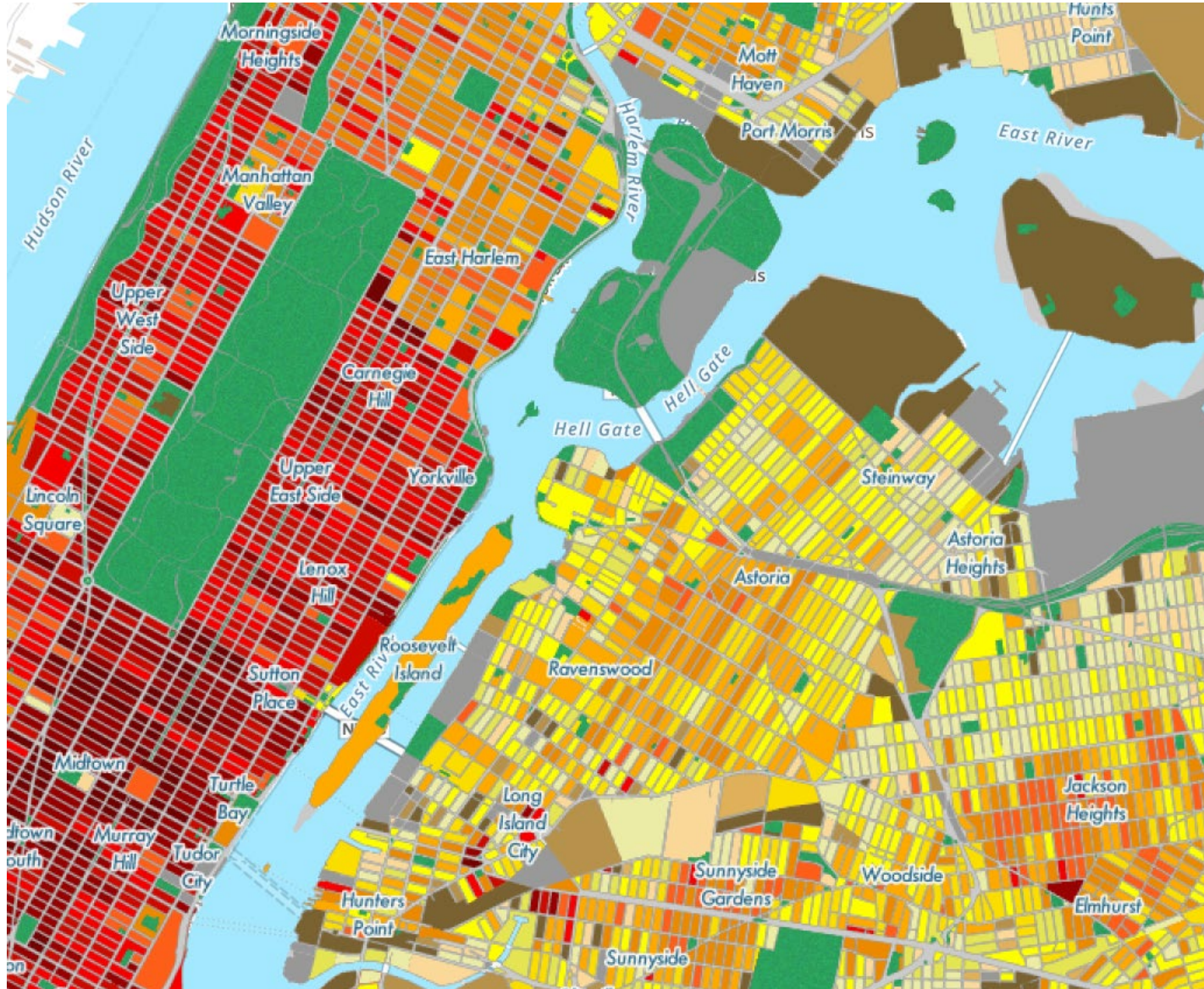
It's a moment where a cycle is broken — where we said no to mass incarceration and yes to redemption.



Local Law 192

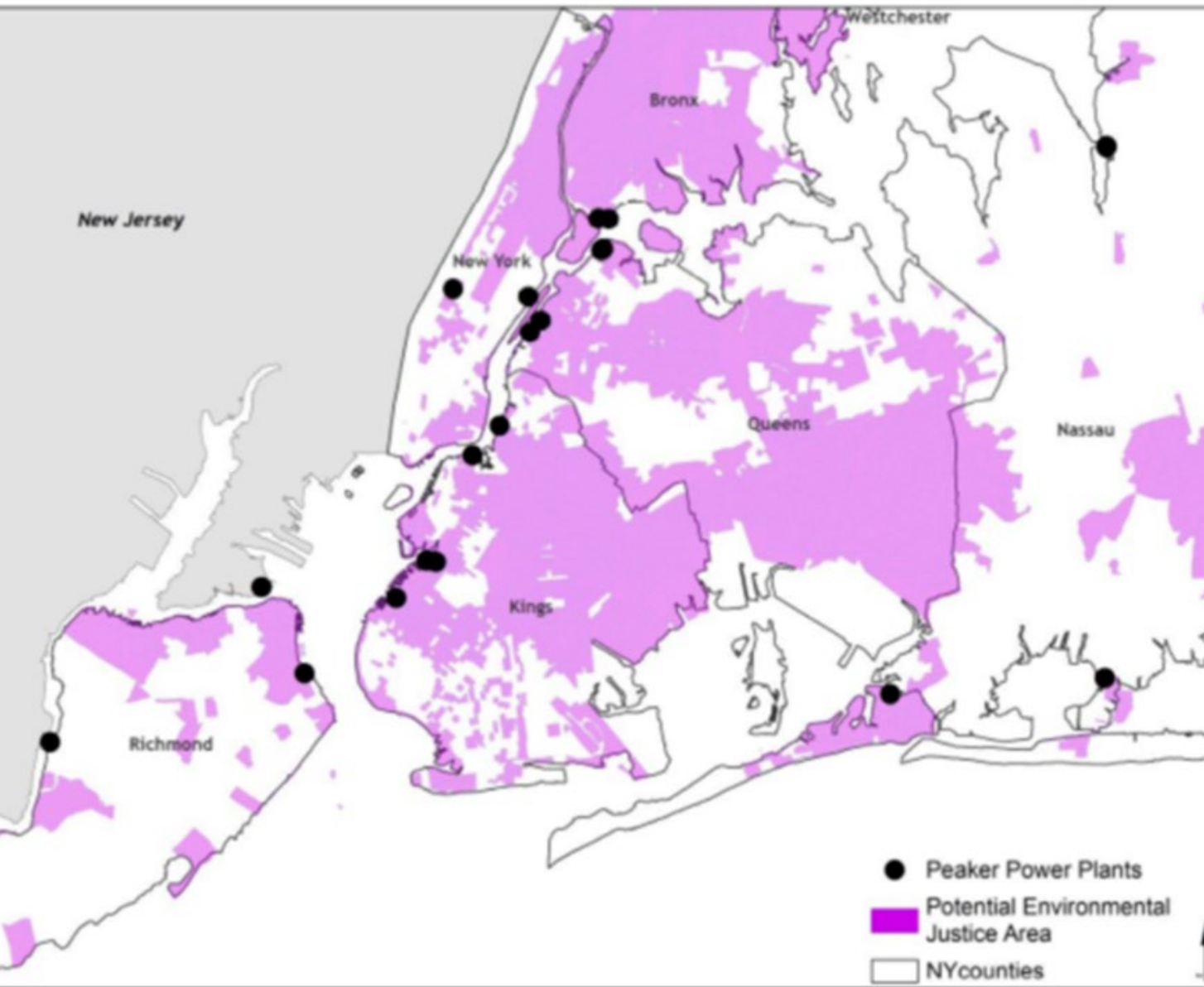
- Mandates that Rikers Prison Complex will shut by 2026
- New York State outlawed cash bail for most people





WHERE
POWER IS
CONSUMED IN
NEW YORK
CITY

DISTRIBUTION OF PEAKER POWER PLANTS AND POTENTIAL ENVIRONMENTAL JUSTICE AREAS
GREATER NEW YORK CITY AREA.



WHERE
POWER IS
GENERATED IN
NEW YORK
CITY

**NYC'S POWER
PLANTS ARE
LOCATED NEAR
PLAYGROUNDS
AND PARKS IN
COMMUNITIES OF
COLOR**



"Peakers"

47 MW each (44 MW net output)

- (4) Port Morris, The Bronx
- (2) Long Island City, Queens
- (2) Sunset Park, Brooklyn
- (1) Williamsburg, Brooklyn
- (1) Pouch Terminal, Staten Island



POWER NOW! 2000

- Installed 10 peak power plants "temporarily"
- **All** in EJ communities
- No environmental review
- No consideration of PM2.5 (this was while *American Trucking v. Whitman* was pending in S. Ct)



PEAKER PLANTS
DO NOT RUN VERY
OFTEN BUT ARE
VERY DIRTY

§ 75-0107
Statewide
greenhouse
gas
emissions
limits

No later than one year after the effective date of this article, the department shall, pursuant to rules and regulations promulgated after at least one public hearing, establish a statewide greenhouse gas emissions limit as a percentage of 1990 emissions, as follows:

- a. 2030: 60% of 1990 emissions
- b. 2050: 15% of 1990 emissions



Renewable Energy Mandate

2. No later than June 30, 2021, the commission shall establish a program to require that:

(a) a minimum of seventy percent of the statewide electric generation secured by jurisdictional load serving entities to meet the electrical energy requirements of all end-use customers in New York state in 2030 shall be generated by renewable energy systems; and

(b) that by the year 2040 (collectively, the "targets") the statewide electrical demand system will be zero emissions.

Some Goals in the CLCPA

- Maximize reductions of greenhouse gas and co-pollutant emissions in “disadvantaged communities”
- 40% of benefits from clean energy and energy efficiency spending should flow to disadvantaged communities
- Energy storage projects should reduce the use of peaker plants in disadvantaged communities

RENEWABLE RIKERS



Location of the Power Plants that generate 60% of NYC energy

Consolidated
Edison
Power Plant

600ft

40.787 Degrees



