MF NCP Development
New York State – Clean Energy Fund (CEF)

• Supports Reforming the Energy Vision (REV): a strategy to build a clean, resilient, and affordable energy system for all New Yorkers

• Helps achieve NY State’s goal of reducing GHG emissions 40% by 2030 and 80% by 2050

• **Market Transformation:** Enables the creation of a new, integrated, and self-sustaining clean energy market
NYSERDA

• New York State Energy Research and Development Authority

• Offers objective information and analysis, innovative programs, technical expertise

• **Current focus**: Supports market-based solutions & drives large-scale industry transformation “upstream” of individual utility service territories
NYSERDA’s Legacy Multifamily Program

- **MPP-NC**: Multifamily Performance Program, New Construction component

  - **Requirements**: EPA ENERGY STAR® Multifamily High Rise (MFHR) program **AND** 15% above ASHRAE 90.1

  - No alternative compliance paths for Passive House projects
NYSERDA’s MF NCP

• First statewide incentive program to provide a Passive House compliance path for multifamily high rise buildings

• Promotes reliance on 3rd party certifications, subject to NYSERDA review

• Through collaboration with PHIUS and PHI representatives, NYSERDA completed an equivalency evaluation to identify Performance Tier thresholds for each standard
MF NCP Overview
Multifamily New Construction Program

- NYSERDA’s MF NCP was published on August 8, 2016 as Program Opportunity Notice (PON) 3319

- **Eligible Projects:** Multifamily building(s) with ten (10) or more units and four (4) or more stories

- MF NCP documents are available at [http://www.nyserda.ny.gov/Multifamily-NC](http://www.nyserda.ny.gov/Multifamily-NC)
Project Team Members

- Applicants must contract with a NYSERDA-approved Multifamily Partner and:
  
  - **PHIUS+**: Certified Passive House Consultant (CPHC®) & PHIUS+ Verifier
  - **PHI**: Certified PHI Consultant/Designer & accredited PHI Certifier

- Projects must meet program requirements and achieve approved performance thresholds
# MF NCP Structure

<table>
<thead>
<tr>
<th>Performance Path with ENERGY STAR</th>
<th>PHIUS+</th>
<th>PHI</th>
<th>Modified Prescriptive Path</th>
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<tbody>
<tr>
<td><strong>Tier 1</strong></td>
<td>15% above ASHRAE 90.1*</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Tier 2</strong></td>
<td>25% above ASHRAE 90.1*</td>
<td>PHIUS+ Certification</td>
<td>PHI Certification</td>
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<tr>
<td><strong>Tier 3</strong></td>
<td>42% above ASHRAE 90.1*</td>
<td>PHIUS+ Certification</td>
<td>PHI Certification</td>
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<tr>
<td></td>
<td>4200 kwh/person/yr</td>
<td>29 kBTU/sf/yr</td>
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*ASHRAE version is dependent on what version of NYS Energy Code the project is permitted under.
Performance Tiers: Tier 3

Savings through building performance, renewables, distributed generation, or a combination

Savings through building performance only

Renewable energy generation will typically be dedicated systems.

Community-level PV arrays and remote metering will be allowed under certain circumstances subject to NYSERDA’s approval.
Performance Tiers: Tier 3

- Performance Path with ENERGY STAR
  - EPA ENERGY STAR MFHR program AND
  - 42% above ASHRAE Standard 90.1*

*First 35% of savings must be through building performance
*Balance of savings can be through building performance, renewables, DG, or a combination of each

Note: ASHRAE version is dependent on what version of NYS Energy Code the project is permitted under
Performance Tiers: Tier 3

• PHIUS+
  • Designed, constructed & certified to PHIUS+ standards using WUFI Passive 3.0.3.0
  
  • Maximum Primary Energy Demand of 4200 kWh/person/year*

*5200 kWh/person/year through building performance only
*The balance can be associated with building performance, renewables, DG, or a combination of each

Note: To calculate these thresholds, projects will be allowed to remove energy use from certain amenities, such as dishwashers and laundry
Performance Tiers: Tier 3

- PHI
  - Designed, constructed & certified to PHI standards using PHPP version 9.5
  - Maximum Primary Energy Demand of 29 kBtu/ft²/year*
    
    *33 kBtu/ft²/year through building performance
    *The balance can be associated with building performance, renewables, DG, or a combination of each

**Note:** To calculate these thresholds, projects will be allowed to remove energy use from certain amenities, such as dishwashers and laundry
Incentives: Market Rate

All properties are considered Market Rate unless LMI eligibility is established

<table>
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<tr>
<th>Performance Tier</th>
<th>2016</th>
<th>2017</th>
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<tr>
<td>10-49 dwelling units</td>
<td>50+ dwelling units</td>
<td>Cap</td>
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<tr>
<td>Tier 1</td>
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<td>$ 300</td>
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<td>Tier 3</td>
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<td>$ 2,000</td>
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Incentives: Low to Moderate Income (LMI)

The majority of units expected to be occupied by households earning no more than 80% Area or State Median Income (whichever is greater)

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<tr>
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<th>Cap</th>
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<tr>
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MF NCP Points of Contact

• Program Questions for NYSERDA:
  • Pat Fitzgerald, Patrick.Fitzgerald@nyserda.ny.gov

• Potential Project or Partner Questions:
  • Gwen McLaughlin, gmclaughlin@trcsolutions.com