June 25 (4-6pm) Session 1: Financial Resources/Incentives
Focused on what financial incentives and financing options are available or need to be developed

July 16 (4-6pm) Session 2: Program Structure and Implementation
Focused on the detailed structure and rules of BEPS

August 6 (4-6pm) Session 3: Technical Assistance and Training
Focused on technical assistance and training necessary

September 17 (4-6pm) Session 4: Energy Efficiency Strategies
Focused on proven energy efficiency strategies for the prescriptive path
SESSION #2: PROGRAM STRUCTURE AND IMPLEMENTATION

4:00 – 4:10  Introduction
4:10 – 4:30  Rotation 1
4:30 – 4:50  Rotation 2
4:50 – 5:00  Break
5:00 – 5:20  Rotation 3
5:20 – 5:40  Rotation 4
5:40 – 6:00  Report Back & Summary
DOEE must establish a minimum threshold for energy performance – will be “at least” the local median ENERGY STAR score by property type (or equivalent)

Benchmarking data will need third-party verification every 3 years

DOEE determines enforcement rules for compliance

5-year compliance cycles - 1st cycle begins 2021

Compliance paths for bldgs. below minimum:
- Performance: Reduce energy usage 20%
- Prescriptive: Implement cost-effective energy efficiency measures
- Other as determined by DOEE
Listen actively – respect others when they are talking

Be concise – watch wordiness and run on statements while explaining thoughts

Challenge ideas – ask for clarification, do not make questions personal attacks

Speak from personal experience – use personal experience or stories to convey ideas

Participate – speak when you have a relevant and valuable contribution to make

Be aware of body language and nonverbal cues – physical cues can be just as hurtful

Speak freely – but share the floor with others, especially those who have been quiet

Things to avoid – lecturing, not giving everyone a chance, side tracking the discussion
Facilitators will ask for your input on possible scenarios. New scenarios can be proposed.

- Property Type Definitions
- Equivalent metric
- Data Verification
- Enforcement
Facilitators will rotate every 20 minutes so all groups will have a chance to provide input on each topic.

- Room 790 - Property Type Definitions – Cliff & JoAnna
- Room 774 - Equivalent metric – Brendan & Mackenzie
- Room 709 - Data Verification – Erin & Casey
- Room 712 - Enforcement – Kate & Cheryl
Section 301(b)(1)(A): No later than January 1, 2021, and every 5 years thereafter, DOEE shall establish property types and building energy performance standards for each property type, or an equivalent metric for buildings that do not receive an ENERGY STAR score.

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<tr>
<th>Scenario 1</th>
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<th>Scenario 3</th>
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| **DOEE will establish standards for 4 major property types** in the District:  
  - Office  
  - K-12  
  - Multifamily  
  - Hotel  
  All other buildings will be grouped into an “Other” category. | **DOEE will establish standards for all Energy Star Portfolio Manager building type definitions** and define all standards for all building types available in Portfolio Manager where sufficient local District data is available. | **DOEE will start by classifying buildings by EPA Portfolio Manager property types** and then sub-divide buildings based on property use details (i.e. Multifamily will be broken into low-rise, mid-rise, and high-rise groupings; K-12 school will be broken into elementary/middle school and high school). Then DOEE will establish standards for each cohort. |
Section 301(b)(1)(A): No later than January 1, 2021, and every 5 years thereafter, DOEE shall establish property types and building energy performance standards for each property type, or an equivalent metric for buildings that do not receive an ENERGY STAR score.

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<td>DOEE will use <strong>Weather-Normalized Source EUI</strong> for buildings that cannot receive an ENERGY STAR Score.</td>
<td>DOEE will use <strong>Greenhouse Gas Emission Intensity</strong> for buildings that cannot receive an ENERGY STAR Score.</td>
<td>DOEE will use <strong>Site EUI</strong> for buildings that cannot receive an ENERGY STAR Score.</td>
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# Data Verification: Process

Section 301(b)(1)(B): DOEE shall establish reporting and data verification requirements for each 5-year compliance cycle.

Section 302(a)(2)(F): Every 3 years the owner, or the owner's designee, shall perform a third-party verification of its benchmark and ENERGY STAR statements in accordance with requirements specified by DOEE.

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<td>Reporters must <strong>submit</strong> the ENERGY STAR Portfolio Manager Data Verification Checklist, signed by a trained individual whose professional license or training program credential is recognized by the District. Data verifiers may be in-house building staff members or 3rd party professionals.</td>
<td>Reporters must <strong>complete</strong> the ENERGY STAR Portfolio Manager Data Verification Checklist, signed by a trained individual whose professional license or training program credential is recognized by the District. Data verifiers may be in-house building staff members or 3rd party professionals. The Data Verification Checklist will only need to be produced <strong>on request</strong> of the District; building owners must retain the most recent signed Data Verification Checklist for at least three years.</td>
<td>Reporters must <strong>submit</strong> the ENERGY STAR Portfolio Manager Data Verification Checklist, signed by a trained individual whose professional license or training program credential is recognized by the District. Data verifiers must 3rd party professionals not affiliated with the owner or the property.</td>
<td>Reporters must <strong>complete</strong> a Data Verification form of DOEE's design, signed by a trained individual whose professional license or training program credential is recognized by the District. Data verifiers may be in-house building staff members or 3rd party professionals. The Data Verification form will only need to be produced <strong>on request</strong> of the District; building owners must retain the most recent signed Data Verification Form for at least three years.</td>
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### DATA VERIFICATION: THIRD-PARTY VERIFIERS

#### Scenario A
- Building Operator Certification (BOC) - NEEC
- Building Energy Assessment Professional (BEAP) - ASHRAE
- Certified Energy Manager (CEM) - AEE
- Professional Engineer (PE) - National Society of Professional Engineers
- Licensed Architect - National Council of Architectural Registration Board

#### Scenario B (in addition to those in Scenario A)
- Registered Architect (RA) - AIA
- Certified Energy Auditor (CEA) - AEE
- LEED-AP O+M - Operations + Maintenance specialty - USGBC
- LEED-Fellow - For outstanding APs - USGBC
- Building Energy Modeling Professional (BEMP) - ASHRAE
- Commissioning Process Management Professional (CPMP) - ASHRAE
- Operations and Performance Management Professional (OPMP) - ASHRAE
- Certified Commissioning Professional (CCP) - BCA
- Associate Commissioning Professional (ACP) - BCA
- Sustainability Facility Professional (SFP) - IFMA
- Certified Facility Manager (CFM) - IFMA
- Certified Building Commissioning Professional (CBCP) - AEE
- Certified Measurement and Verification Professional (CMVP) - AEE
- Existing Building Commissioning Professional (EBCP) - AEE
- RPA/FMA High Performance Designation (RPA/FMA-HP) - BOMI
- Systems Maintenance Technician (SMT) - BOMI
- Systems Maintenance Administrator (SMA) - BOMI
- Real Property Administrator (RPA) - BOMI
- Certified Property Manager (CPM) - IREM
### Scenario 1
Fines based on a building’s relative distance from the standard at the end of the compliance period. An office building that is **5 points below** the ENERGY STAR Score standard will be fined **5 times $x** for failure to comply with BEPS.

### Scenario 2
Fines based on a building’s relative distance from completing one of the pathways. Each pathway would have its own fining schedule.
- **Performance**: A building that reduced their EUI by 18% would be fined **2 times $x** for failure to meet the 20% reduction target.
- **Prescriptive**: A building that implemented **3 out of 5** required efficiency measures will be fined **2 times $x** for failure to meet the prescriptive target.

### Scenario 3
Flat fine for failure to comply with BEPS. DOEE will set the fine at a level in which the relative cost of non-compliance is **higher than the cost of compliance**.

### Scenario 4
Fines based on square footage. Larger buildings would face larger total fines than smaller buildings. DOEE will set the fine at a level in which the relative cost of non-compliance is **higher than the cost of compliance**.

### Section 301(g)
Buildings failing to comply with the building energy performance requirements at the end of the 5-year compliance period shall pay an alternative compliance penalty established by DOEE. Penalties collected pursuant to this provision shall be deposited into the Sustainable Energy Trust Fund.

### Section 301(i)
DOEE may impose civil infraction penalties, fines, and fees as sanctions for a violation of this section or a regulation issued pursuant to this section, pursuant to the Department of Consumer and Regulatory Affairs Civil Infractions Act of 1985, effective October 5, 1985 (D.C. Law 6-42; D.C. Official Code § 2-1801.01 et seq.).