

New York 21Q1

Jan 27 & Jan 28, 2021

Poll results

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- What is the most important issue to discuss today?
- "Regarding Critical Infrastructure and Resilience, to achieve NY's Carbon and Equity goals, the most critical obstacle to overcome is..."
- What resources, funding, initiatives exist today to leverage to solve for this obstacle?
- Task Force Update Survey
- Post Event Survey

What is the most important issue to discuss today?

0 3 3



"Regarding Critical Infrastructure and Resilience, to achieve NY's Carbon and Equity goals, the most critical obstacle to overcome is..."

0 4 2

(1/2)

"Ensuring affordable bills for clean, reliable heat" - Susanne DesRoches, NYC Mayor's Office of Resilience & NYC Mayor's Office of Sustainability



"Matching the reliability needs to the grid, with the performance capabilities of necessary new technology, and bringing them together with a market signal that drives investment." - Rich Dewey, NYISO



"The absence of a streamlined process for integrating additional financing sources that prioritize deep energy efficiency into standard HFA capital stacks." - Kim Erle, NY Green Bank



"Regarding Critical Infrastructure and Resilience, to achieve NY's Carbon and Equity goals, the most critical obstacle to overcome is..."

(2/2)

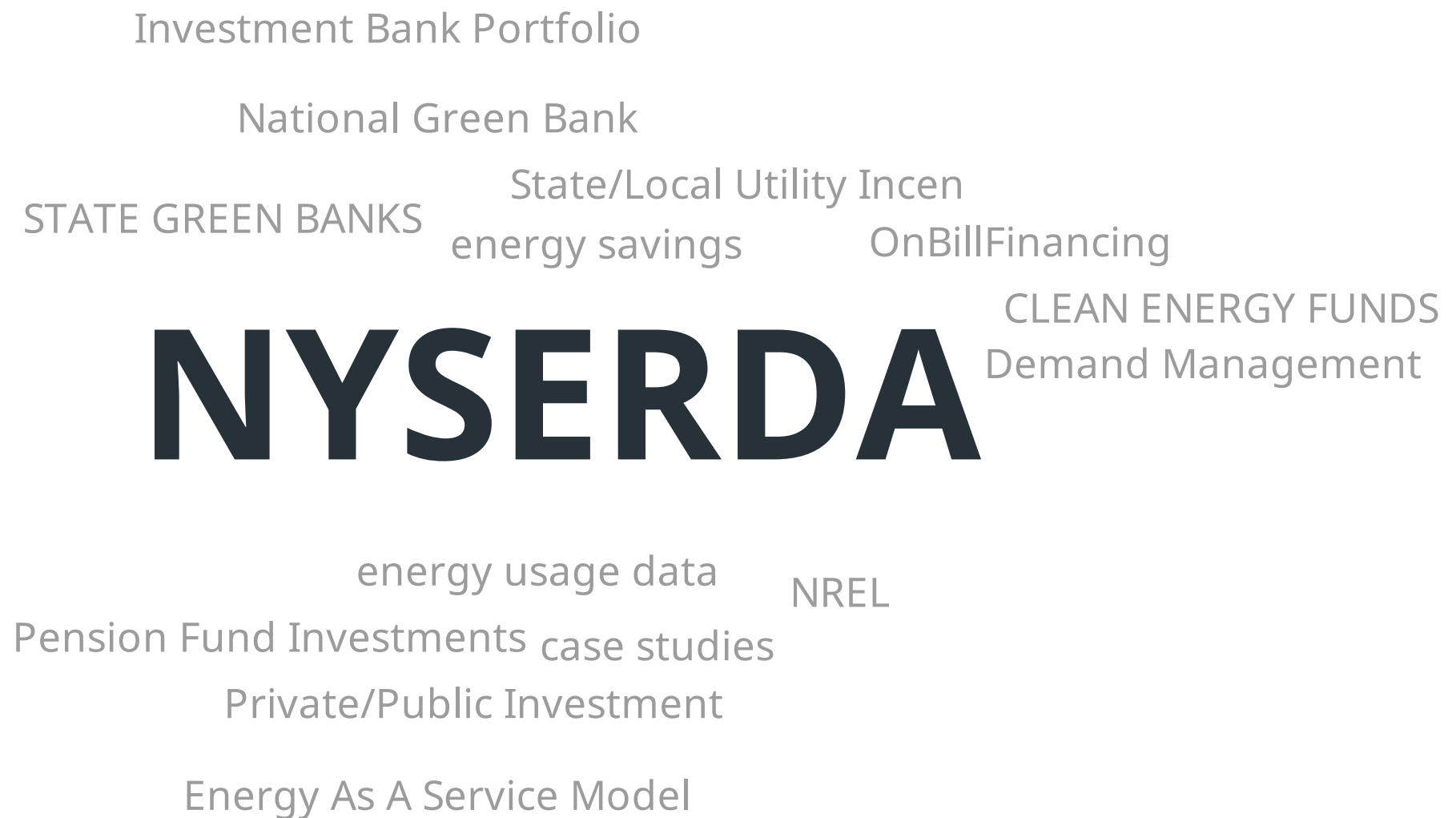
0 4 2

"A framework to match organizational sustainability goals and resources to local opportunities to address climate equity." -
Christine Weydig, Port Authority of NY & NJ



What resources, funding, initiatives exist today to leverage to solve for this obstacle?

006



20Q4 TF M1: Stakeholder Kickoff

Yes



No



Undecided



Task Force Update Survey (2/3)

0 1 1

20Q3 TF M2: Strategy for Rebate Programs and LL97 signals

Yes



No



Undecided



Task Force Update Survey (3/3)

0 1 1

20Q2 TF M3: Convene Leaders to Review Carrot/Stick Approach

Yes



No



Undecided

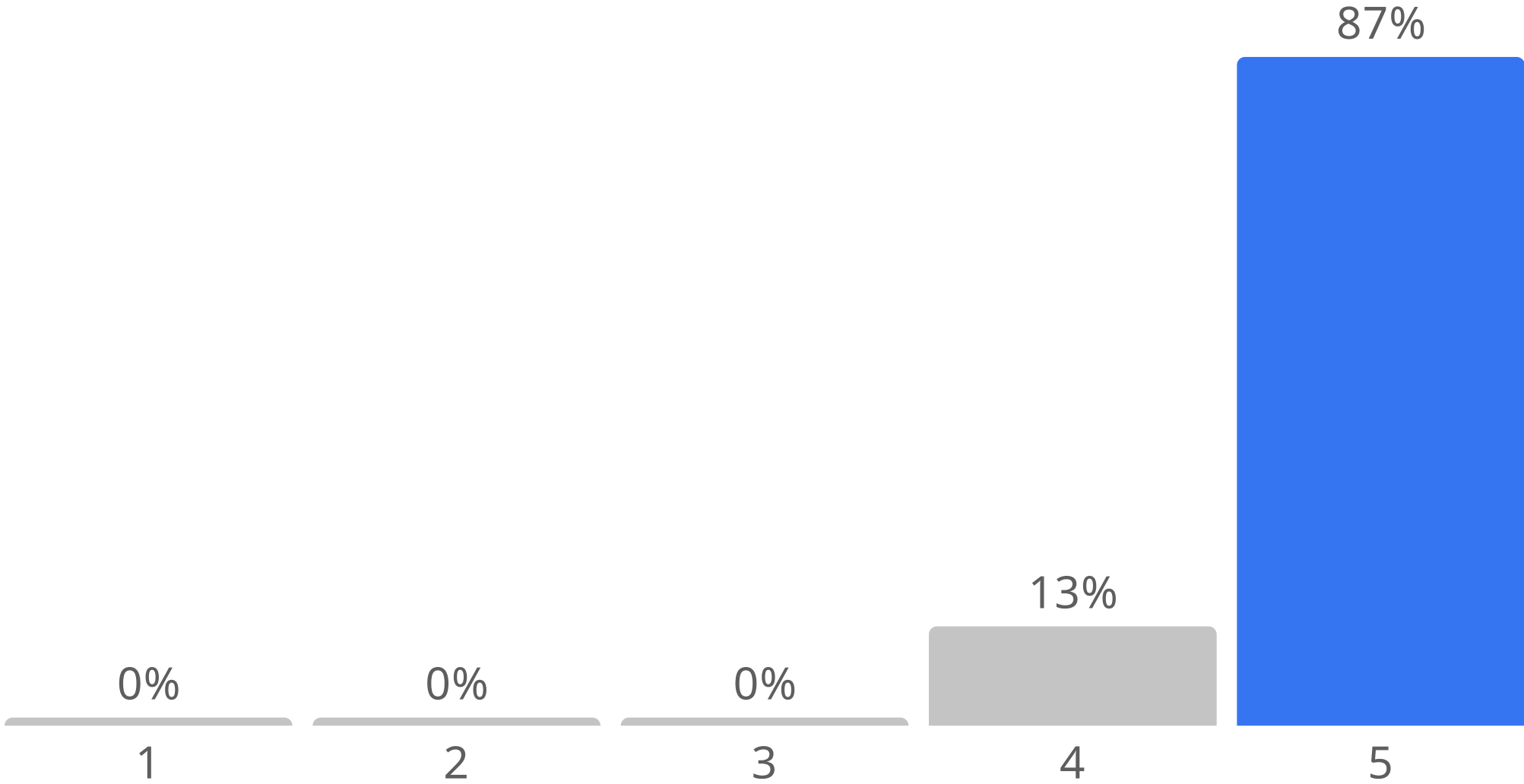


Post Event Survey (1/4)

0 1 5

How likely are you to recommend AEG events? (5 = very likely)

Score: 4.9



Post Event Survey (2/4)

0 1 1

In one word, how would you describe your experience?

illuminating
productive Challenging
INFORMATIVE creative Motivating!
Collaborative Terrific Engaging
 Inspiring

Post Event Survey (3/4)

008

Please leave us a testimonial and include your name.

(1/2)

- I was surprised by the depth and nuance at which our breakout group was able to grapple with this topic in such a short amount of time. - Clara Grantier
- Brilliant networking event for energy leaders where solutions are found! Liliya Temes
- Great forum to connect leaders in the energy sector.
- One of the only events that gets you really thinking about our future and excited to make change happen! ~ Mike DeSocio
- I thought this was a great opportunity to interact with industry stakeholders that I normally would not. It was very interesting to hear the perspective and each ones goals. - Michael Ferrari
- The charismatic H.G has mastered a way to bring disparate clean

Post Event Survey (3/4)

008

Please leave us a testimonial and include your name.

(2/2)

energy folk together to tackle problems together, in spite of COVID.

- Q121 Critical Infrastructure, Equity & Resiliency ushered in a newly established target of Energy/Climate Equity & Environmental Justice. AEG challenges attendees

to craft energy solutions that are inclusive of societal inequities - as we usher in improved critical infrastructure that's Resilient for ALL.

- Quite a braintrust ! -Haym Gross

Post Event Survey (4/4)

0 0 4

Any suggestions? (1/2)

- Diversify the background of attendees. Maybe include people work for vulnerable/disadvantaged community.
- I think a bit more time to discuss previous challenges and winning results would be helpful.
- Introducing Widespread Deployment Project - installing DERs notably MicroCogen Units that are modular/scalable across all buildings, including Residential

& Small Business. P.A.C.E
[Pathway to A Competitive Energy Landscape] per COGEN-Europe is a successful template with 12k MicroCogen Units across 10 European Countries. Small scale units financed via Federal/State & Local incentives matched with OnBill Financing will foster a host of alternative financing models like Energy or Gas As A Service mitigating upfront costs. The diversity of application enables

Post Event Survey (4/4)

0 0 4

Any suggestions? (2/2)

equity amid LMI and Affordable Housing amid communities traditionally underrepresented when it comes to Renewables/DERs. PACE-US/The Americas will prove a regional play for integration of Behind The Meter Energy Technologies designed to enhance Energy Efficiency, significantly cut CO2 Emissions by 50% today when compared to

Natural Gas Grid and ultimately provide clean power via H2 readiness.... All while anchoring Resiliency

- keep it humming.

21Q1 AEG Trivia (1/15)

007

What was New York's peak energy demand in 2020?

32 GW ✓



24 GW



45 GW

0 %

21Q1 AEG Trivia (2/15)

007

How many NYC residents are energy burdened? 6%+ of income goes to bills

650,000

0 %

1 million

57 %

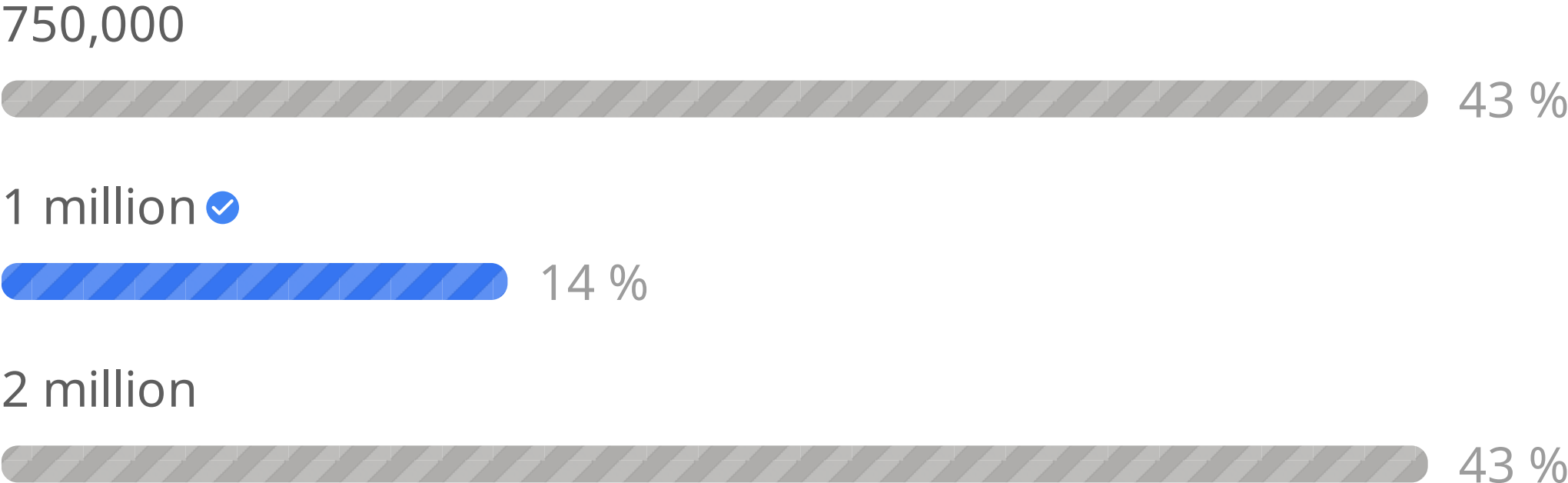
1.5 million

43 %

21Q1 AEG Trivia (3/15)

007

To reach carbon neutrality by 2050, broad adoption of electrification is required across how many NYC buildings?



21Q1 AEG Trivia (4/15)

007

Per the Community Leadership Climate Protection Action, how many trillion BTU energy reduction by 2025 is promised?

100

0 %

185 ✓

29 %

125

71 %

21Q1 AEG Trivia (5/15)

007

Per the Community Leadership Climate Protection Action, how many GW of battery storage by 2030 is promised?

3 GW

0 %

6 GW

71 %

9 GW

29 %

21Q1 AEG Trivia (6/15)

007

Per the Community Leadership Climate Protection Action, how many GW of offshore wind by 2035 is promised?

5 GW

0 %

7 GW

71 %

9 GW

29 %

21Q1 AEG Trivia (7/15)

007

Per the Community Leadership Climate Protection Action, how many GW of solar by 2025 is promised?

4 GW



6 GW ✓



8 GW



21Q1 AEG Trivia (8/15)

007

What percent of NY's grid is either fossil based or nuclear?

65%



72% ✓



85%



21Q1 AEG Trivia (9/15)

007

What % of New York State emissions come from the built environment?

30

0 %

40

71 %

50

29 %

21Q1 AEG Trivia (10/15)

007

What % is attributable to housing alone?

10%



15%



20% ✓



21Q1 AEG Trivia (11/15)

007

What is Port Authority's % emissions reduction target by 2025?

25%

0 %

35%

86 %

45%

14 %

21Q1 AEG Trivia (12/15)

007

How much by 2050?

80%



90%

0 %

100%

14 %

21Q1 AEG Trivia (13/15)

006

The JFK Solar canopy providing covered parking to approximately 3,000 parking spaces will have a system capacity of how many MWs? Largest on-site solar plus storage project in NYS

12.3 MW ✓



6.5 MW



14 MW

0 %

21Q1 AEG Trivia (14/15)

007

What amount will be sent to local power grid as community solar?

6 MW Correct Answer



4 MW



3 MW



21Q1 AEG Trivia (15/15)

007

How many MW of battery storage to provide resilience to AirTrain JFK?

4.5 MW



1.5 MW



2.5



Event summary report New York 21Q1

 Active users
54


Engagement score **289**

Engagement per user **5.4**

 Questions
8

Likes / dislikes **25 / 0**


Anonymous rate **38%**


 Poll votes
256

Polls created **6**


Votes per poll **43**


Popular questions

 Group 2 - Eric Davis 0 🗨️ 15 👍
Solution: Playbook of characteristics of DER/EE/Etc. installations M1: Case studies (BQDM Marcus Garvey) M2: Identify all available and attractive value streams M3: Create info bank projects and price signals to encourage project development

 Table 4 0 🗨️ 5 👍
Guide policy through engagement in CLCPA's Climate Action Councils M1: Clearly define objectives (quantify resilience value, equity & sustainability) M2: ID AEG members in action committees M3: Advocate for solutions to achieve objectives

 Anonymous 0 🗨️ 3 👍
T1: Establish conference for NYC to discuss the impending effects of local law 97 and how new technologies can support the grid and building owner adherence to this law. M1: Engage stakeholders M2: Collaborative event M3: Report on new tech for LL97 - Table 1






 Anonymous 0 🗨️ 2 👍
T3: Stakeholder Education - M1: Determine Stakeholders M2: Schedule Education Sessions M3: NYISO and Others Provide Education Sessions M4: Gather Stakeholder Input on Opportunities and Gaps to improve alignment of wholesale to end use behaviors - Group3

 Anonymous 0 🗨️ 0 👍
27 Jan, 4:07pm
Question for Kim /NY Green Bank... financing clean tech.. Will that expand to include FuelCells due to enhanced EE, significant CO2 Emissions reduction and most importantly RESILIENCY amid for affordable housing?

Topics



Influential users

-  Group 2 - Eric Davis 1 🗨️ 15 👍
-  Table 4 1 🗨️ 5 👍
-  Steve Almeida Jr. 2 🗨️ 0 👍
-  Table #0 - Example 1 🗨️ 0 👍
-  Anonymous users 3 🗨️ 5 👍