

NYS RGGI Operating Plan Advisory Stakeholder Meeting

12:34 pm - 1:54 pm Friday, December 8, 2023 | (UTC-05:00) Eastern Time (US & Canada)

WEBVTT

1

Frank Ciampa 00:30:43.800 --> 00:31:04.240

Today's meeting is really to provide stakeholders with an overview of the plan and investments for New York's proceeds over the coming years. This meeting is part of an annual process that we, that we run each year, it's been ongoing through quite some time. We're happy to continue that

2

Frank Ciampa 00:31:04.360 --> 00:31:10.760

process with all of you today as we share our plans and obtain your feedback. Next slide, please.

3

Frank Ciampa 00:31:13.520 --> 00:31:32.400

Before we begin, I'd like to present a couple of reminders this meeting is being recorded, you know, a couple of mics around the room and the camera is on the RALLY bar. So please keep that in mind as we engage with this hybrid meeting. We will take questions from anyone that joined in the room and also will

4

Frank Ciampa 00:31:32.640 --> 00:31:52.880

direct folks joining remotely to use the Q and A feature to submit their comments or questions. Verbal comments over the audio feed are unavailable for this session, but the presentation will be posted to NYSERDA's website within a few business days. We have Tricia King

5

Frank Ciampa 00:31:53.240 --> 00:32:07.640

online today to help us if any technical issues should arise. Last reminder is about exits. This room has two of them want to exit out the lobby or another one, just in case we need to get up and leave in a hurry.

6

Frank Ciampa 00:32:08.880 --> 00:32:10.840

Next slide, please.

7

Frank Ciampa 00:32:13.360 --> 00:32:32.560

Okay, so our lineup for this afternoon is as follows. We'll start with some opening remarks from NYSERDA's President and CEO Doreen Harris, and we'll also hear from John Binder, DEC's Deputy Commissioner for Climate Change, Air Resources, and

Energy. Other topics

8

Frank Ciampa 00:32:33.000 --> 00:32:53.040

will be covered by a deep bench of NYSERDA's team members telling us more about funding assumptions, proposed programs, progress on the disadvantage communities requirement, discussion segment for Q and A, and we'll wrap up with a look at next steps with the a comment period at NYSERDA's

9

Frank Ciampa 00:32:54.440 --> 00:33:13.520

January board meeting. So before we get to all that want to invite Doreen Harris to say some opening remarks and then we'll hear from Jon. Thank you, great, thank you, Frank and good afternoon to those here in person and those joining virtually. I want to, thank you for attending as we

10

Frank Ciampa 00:33:13.600 --> 00:33:34.640

discuss these updates to the Regional Greenhouse Gas Initiative Operating Plan. New York State continues to move forward with changing its energy landscape to meet our nation, leading climate goals and ultimately achieve economy wide decarbonization. Our work proceeds in earnest across our decarbonization strategies of which RGGI plays an

11

Frank Ciampa 00:33:34.840 --> 00:33:55.120

integral role. And as you may know, RGGI serves not to not only cap and reduce emissions from electric generation in the region, but also as an important funding source for investments and energy efficiency, renewable energy and carbon abatement technologies. So guided by our Operating Plan, which we produce annually, we look

12

Frank Ciampa 00:33:55.200 --> 00:34:15.600

to build the market for clean energy through our support of technologies, like those. And also through building awareness inspiring action in our communities. So today we're here to review our 2024 proposed program and identify the next three years of RGGI supported clean energy investments. So the initiatives we're

13

Frank Ciampa 00:34:15.800 --> 00:34:36.720

proposing in this Operating Plan amendment will ensure that these investments not only advance the goals established by the Climate Act, but also reduce emissions and benefit disadvantaged communities across the state as the law requires. So I'm happy to say that we are continuing our positive momentum in this regard and that the RGGI program remains robust

14

Frank Ciampa 00:34:37.360 --> 00:34:57.200

allowing for even more meaningful investments that will surely help us reach our clean energy goals. And so as always, I am eager to hear your feedback, so we can

put forth a solid plan that demonstrates the best use of RGGI investments for New Yorkers. And so to begin this discussion, I'm going to turn the mic over to

15

Frank Ciampa 00:34:57.600 --> 00:35:17.680

DEC's Deputy Commissioner for Climate Change, Air Resources and Energy, Jon Binder. Thank you Doreen and thanks to everybody who's joining us today while our focus today is squarely on the RGGI Operating Plan. Before I do turn it over to my NYSERDA colleagues to dive into some of the details, I do want to take this opportunity to

16

Frank Ciampa 00:35:18.000 --> 00:35:38.160

briefly reflect on the RGGI program to date and to consider the next phase of the RGGI program. As hard as it is to believe particularly for some of us that were there back in the beginning that we're now fifteen years in to the RGGI program, fifteen years, and over that time, this cap and invest program for the power sector has seen lots of successes.

17

Frank Ciampa 00:35:38.440 --> 00:35:58.640

I'm going to highlight three. First, it's resulted in real carbon dioxide emission reductions. In fact, since 2005, we've seen emissions from Power Plant subject to the program go down by around sixty percent region wide. Second, the program has generated billions of dollars to invest in a variety of actions to

18

Frank Ciampa 00:35:59.120 --> 00:36:19.120

further reduce emissions and help advance our broader energy transition as Doreen highlighted and as we're going to be talking about today. In fact, the results of the sixty-second auction of RGGI allowances, the sixty-second, 62, if you can believe that they, they were announced just this morning and with that, the program has generated over seven billion dollars in

19

Frank Ciampa 00:36:19.760 --> 00:36:39.600

proceeds for the RGGI States overall, and over 2.2 billion dollars for New York State. Third, the RGGI program has demonstrated the effectiveness of cap and invest programs to help achieve greenhouse gas emission reduction including through two key innovations that have, since been incorporated into other programs that include

20

Frank Ciampa 00:36:39.880 --> 00:37:00.080

RGGI's approach of auctioning most allowances rather than distributing them directly, which has helped to generate the proceeds and investments that we're talking about today. It also includes a commitment to periodic program review where the RGGI States collectively get together and consider the benefits and the impacts of the program and opportunities to continually improve it, and right now, in fact.

21

Frank Ciampa 00:37:00.800 --> 00:37:21.200

states are engaged in the third of these program reviews. Previous program reviews have led to further emission reductions in, from the emissions cap, along with other changes and innovations that further strengthen the RGGI program. As we engage in these discussions with other states on the future of RGGI, we're cognizant that many states, including New York,

22

Frank Ciampa 00:37:21.240 --> 00:37:41.680

have ambitious emission reduction and clean energy generation requirements built into their respective laws. Of course that includes us in New York and so for us, this RGGI program review is an opportunity for us to seek to align the RGGI program as closely as possible with the requirements of the Climate Act, including our requirement for zero emissions

23

Frank Ciampa 00:37:41.720 --> 00:38:02.160

by electricity by twenty forty. And finally RGGI's key innovations and lessons like the auctioning of most allowances and the commitment to periodic program review, but also the importance of stakeholder engagement, like we're doing today. These are at the top of our mind as part of our ongoing development of the New York CAP and Invest program or NYCI.

24

Frank Ciampa 00:38:02.720 --> 00:38:22.640

We're seeking to take those lessons that we've learned under this RGGI program for the power sector and apply them economy wide to the NYCI program. So within that context of, of the past and the future of RGGI, along with the under development NYCI program, I want to now turn it to Pam Poisson, NYSERDA CFO who will begin discussion

25

Frank Ciampa 00:38:23.000 --> 00:38:43.080

about the RGGI operating plan and the use of RGGI proceeds in New York. Thanks, great, thank you, Jon. Good afternoon, I'm Pam Poisson. So we'll see, we'll open this part of the conversation looking at the resources that we expect to have available in order to program them. So our funding consumptions if we go next slide.

26

Frank Ciampa 00:38:44.400 --> 00:39:03.600

Looking ahead, so for the next three years in front of us next slide, fiscal year twenty- five through twenty-seven, we are assuming a future auction allowance price of twelve dollars and thirty-two cents and you'll see this appear

27

Frank Ciampa 00:39:04.040 --> 00:39:24.080

on the screen momentarily. I believe that allowance price conservatively is estimating figures that are projections. This is not perfect insight and so we intentionally air on the side of being conservative to ensure that we're not

overcommitting. More specifically that twelve dollars and thirty- two cents is based on the average price

28

Frank Ciampa 00:39:24.280 --> 00:39:44.120

of the past ten auctions through auction sixty-one, not the auction sixty-two, the Jon mentioned just happened yesterday subsequent to the completion of these materials, but those past ten is a methodology consistent with what we've adhered to for the past few years, really looking back to the start of the third program review, timeline announcement.

29

Frank Ciampa 00:39:45.280 --> 00:40:05.040

We also with this updated plan are truing up our current fiscal year resource estimate. You can see that in the second bullet and there assuming an allowance price of twelve dollars and eighty one sets. That's a combination of two things. First, the actual price that's for the first two region

30

Frank Ciampa 00:40:06.320 --> 00:40:25.520

and then for the latter to do an assumption of the twelve dollars, thirty-two allowance estimate that you see noted up above for the second two options. If we look at the next slide now, you can see how this pricing assumptions translate into actual dollar amounts. So, at the top bar here you can see the number of allowances projected for new

31

Frank Ciampa 00:40:28.620 --> 00:40:47.180

applied the allowance price just mentioned and you can see that deriving RGGI option proceeds in the middle bar. For the three years looking forward those auction proceeds come up to approximately seven hundred and fifty- million dollars total. We also add an interest earning

32

Frank Ciampa 00:40:47.340 --> 00:41:07.660

That you can see are scaling up a bit based on prevailing market interest rates and then over the ladder part and period begin bidding beginning to tail back down consistent with prevailing economic forecast, finally bringing us to the total revenues available to be programmed based on our current estimates. So really, that's the basis of the.

33

Frank Ciampa 00:41:07.700 --> 00:41:28.140

dollar amounts that I think let's look importantly and how we would propose to utilize those systems as a RGGI plan framework and I'll turn to Cheryl Glanton, VP of Operations to lead us off on those next updates. Great, thank you. Next slide please and next slide. So today I'm just going to be giving an overview.

34

Frank Ciampa 00:41:28.180 --> 00:41:48.620

and then I'm going to hand it off to my colleagues to give more information on the funded programs proposed in this year's amendment. We've adopted the same approach as previous years and a refresher of what we're looking for. We're looking for programs that align with regulatory directions, including the Climate Act, but the focus on strategies that contribute to our state goals at

35

Frank Ciampa 00:41:48.700 --> 00:42:09.740

reducing carbon emissions. The focus is on commercially available technologies. We were looking to build capacity for long-term carbon reduction and power communities to transition to clean energy outcomes while building a clean energy economy growing jobs and entrepreneurship and creating innovative financing to increase the adoption

36

Frank Ciampa 00:42:11.020 --> 00:42:19.580

of energy and carbon abatement solution. You will see these priorities in the three year plan that we are discussing today. Next slide please.

37

Frank Ciampa 00:42:20.620 --> 00:42:41.100

So this is a breakdown for the current fiscal year, fiscal year and the three year planning horizon where we have added funding or there's new funding, a major category. About ten percent is going to renewable energy including statewide support for New York Sun and the solar equity energy

38

Frank Ciampa 00:42:41.260 --> 00:43:01.580

framework incentives on Long Island, about forty-two percent to energy efficiency, including beneficial building electrification with a focus on residential and multifamily housing with a priority to LMI households along with continued support of P through twelve schools located in disadvantaged communities.

39

Frank Ciampa 00:43:02.940 --> 00:43:22.060

About nineteen percent going towards innovative greenhouse gas abatement strategies including support of our electric vehicle and charging infrastructure incentives, as well as scoping plan implementation research. About four percent to community clean energy, including clean energy workforce development incentives for communities

40

Frank Ciampa 00:43:22.580 --> 00:43:42.540

Through the clean energy communities program and climate action consumer awareness and finally about twenty-five percent is directed going to things like the Green Jobs Green York program, which complements our clean energy energy efficiency and electrification work as well as matching fund contributions for federal.

41

Frank Ciampa 00:43:42.540 --> 00:43:59.220

Federal funding opportunities, which allow us to increase the impact of RGGI funded programs by combining federal funds. I will now turn it over to Max Joel, Assistant Director for New York Sun to start the review of the Renewable Energy programs. Thank you.

42

Max Joel 00:44:03.020 --> 00:44:05.820

Good afternoon. Next slide, please.

43

Max Joel 00:44:06.860 --> 00:44:08.860

Next slide, please.

44

Max Joel 00:44:13.260 --> 00:44:30.540

The first area of renewable energy program investment is the New York Sun's statewide customer incentives. This program will continue to make incentives available to non-system benefits charge paying customers who are not eligible for the clean energy

45

Max Joel 00:44:30.540 --> 00:44:50.540

funding, which funds most New York Sun incentives. Key examples include New York City public schools, public housing, and other public buildings that are served by the New York Power Authority and upstate as well as Long Island customers served by municipal utilities. Next slide, please.

46

Max Joel 00:44:52.940 --> 00:45:11.500

The second area of renewable energy program investment covered in my portion are Long Island solar energy equity framework incentives. This individual line of program investment was previously known as New York Sun Community solar/K solar, but we've adjusted

47

Max Joel 00:45:11.580 --> 00:45:31.980

the name to more accurately reflect the current incentive offerings. They include certain solar energy, equity framework incentives for long the Long Island Power Authority's SBC paying customers. These offer benefits to low to modern income households, disadvantaged communities and affordable housing providers.

48

Max Joel 00:45:33.260 --> 00:45:34.940

Next slide, please.

49

Frank Ciampa 00:45:40.300 --> 00:46:00.140

Hi, my name is Jeremy Magliaro and I am with the Environmental Research Department at NYSERDA. Agrivoltaics represents the potential tool for farmers interested or utilizing their land for both solar energy and agricultural production. We seek to

advance New York state specific knowledge and practices that are characterized

50

Frank Ciampa 00:46:00.220 --> 00:46:12.580

the value proposition further enabled responsible serving solar energy. We're planning to undertake competitively selected research and demonstration projects across the state

51

Frank Ciampa 00:46:13.660 --> 00:46:34.700

intended to characterize and develop opportunities for new farmers to participate in agrivoltaics putting those without previous access to land and explore market development and deployment opportunities, all in partnership, continued partnership with New York State Department of Ags and Markets, higher education institutions and New York State agricultural technical

52

Frank Ciampa 00:46:34.860 --> 00:46:36.820

Working group like others.

53

Frank Ciampa 00:46:39.820 --> 00:46:41.340

Next slide.

54

Susanne DesRoches 00:46:44.300 --> 00:46:58.020

Hi, everyone, my name is Susanne DesRoches. I'm Vice President for Clean and Resilient Buildings here at NYSERDA. I'm going to talk a little bit about our programs related to energy efficiency and building electrification. Next slide.

55

Susanne DesRoches 00:46:59.660 --> 00:47:20.140

So we'll start by talking about Empower Plus. This program supports low and moderate income residents across the state, including customers of municipal utilities and those using delivered fuels who do not pay the systems benefit charge and they can access incentives through Empower Plus with

56

Susanne DesRoches 00:47:20.460 --> 00:47:40.620

funding. This program provides comprehensive energy efficiency services to qualify, low and moderate income residents in one to four family home statewide. Another program is another set of programs are focused on disadvantage communities schools and

57

Susanne DesRoches 00:47:40.820 --> 00:48:01.100

also affordable housing and this, this funding supports energy efficiency and electrification projects in schools located in disadvantage communities and also focuses on affordable housing to help decarbonize buildings through and emphasize

58

Susanne DesRoches 00:48:01.380 --> 00:48:13.340

on advanced package heats pump systems as well as developing programs like Clean Heat for All which supports window unit heat pumps. Next slide.

59

Susanne DesRoches 00:48:15.220 --> 00:48:35.020

Community thermal energy networks focus on district heat pump systems, Those use a piped network to share heating among multiple buildings. These system installations can be on state and local government facilities, campuses and affordable housing development.

60

Susanne DesRoches 00:48:35.660 --> 00:48:55.500

This allows for large scale distribution and accelerated deployment of heat pumps and clean clean heating technologies. The funding supports building retrofit and new construction challenges. These are competitive challenges that demonstrate exemplary design and high performance.

61

Susanne DesRoches 00:48:55.620 --> 00:49:15.980

for both new construction and hard to decarbonize existing buildings. These challenges also leverage design professionals and new technologies solutions to create economically viable pathways for replicable approaches to removing emissions from commercial and industrial buildings.

62

Susanne DesRoches 00:49:17.260 --> 00:49:18.780

Next slide.

63

Susanne DesRoches 00:49:21.740 --> 00:49:40.300

RGGI funding also supports climate resiliency implementation planning. This is research and analysis to perform climate change risk assessments on clean energy and electrification assets to ensure their durability over time. It also will help, begin help

64

Susanne DesRoches 00:49:40.300 --> 00:49:48.940

begin developing a clear roadmap for integrating climate risks as per executive order twenty-two.

65

Susanne DesRoches 00:49:49.900 --> 00:49:54.340

I'll now pass it over to Kevin Hale. Next slide.

66

Frank Ciampa 00:49:56.940 --> 00:50:16.780

Great, thank you. Good afternoon, Kevin. Hale, Director, Economic Development at NYSERDA. I'm going talk about our LIPA energy efficiency and clean energy program.

This is a continuation of a program that we've had for a number of years with the Long Island Power Authority and it has annual funding that becomes available to LIPA for them to work

67

Frank Ciampa 00:50:17.700 --> 00:50:37.900

Long Island to administer clean energy and energy efficiency programs on the Long Island area and through the LIPA service territory. The funds enhance the current LIPA portfolio, so the broader portfolio of LIPA programs and services and the NYSERDA funds through this RGGI proposal actually enhance that broader portfolio that's made available to Long Island.

68

Frank Ciampa 00:50:38.840 --> 00:50:59.200

businesses and residents. The funding and reporting requirements are overseen by an MOU between NYSERDA and LIPA and really that MOU ensures that the use of the funds and the programs are in alignment with the purposes of the RGGI program and they continue to align with the Climate Act. And through our collaboration with LIPA, we continue to work with them to ensure

69

Frank Ciampa 00:50:59.840 --> 00:51:20.320

new programs are brought into portfolio or existing programs are enhanced to better align with where the policy directives and initiatives are going under the Climate Act. But a little bit more on the process and folks want details on the LIPA portfolio, the broader clean energy program and plan is issued for public comment every year by the Department of Public

70

Frank Ciampa 00:51:20.360 --> 00:51:40.800

Service and that is issued for public comment for any stakeholders to do that. In fact, that process is wrapping up now and going to move into the phase where the LIPA Board adopts that program portfolio and all the details on those programs that are administered by PSEG with the funding are available on PSEG Long Island's website. Ultimately again

71

Frank Ciampa 00:51:41.080 --> 00:52:01.280

that LIPA Board of Trustees adopts that program on an annual basis that includes the funding that night certifies. So again, this is a continuation of, of a program that we've had with them for a number of years and it's been very successful to evolve that portfolio and ensure that we've got the carbonization activities and benefits for those residents on Long Island and the businesses down there as well.

72

Frank Ciampa 00:52:01.360 --> 00:52:03.520

You can go to the next slide.

73

Frank Ciampa 00:52:05.120 --> 00:52:13.040

I think I'm gonna continue and see the innovative abatement strategies and you can go to the next slide.

74

Frank Ciampa 00:52:14.720 --> 00:52:34.560

Okay, so the first one on this, I'll continue to advance and this is somewhat of a, a set of new initiatives that the authorities undertaking to grow the clean energy supply chains in New York and really do that in a way that localizes manufacturing assembly fabrication over the many products and services that we're looking to use to decarbonize our grid

75

Frank Ciampa 00:52:34.760 --> 00:52:55.040

systems here in New York. So that would be manufacturing of solar, manufacturing of energy storage and the associated supply chains that go along with those, the components and sub-components. It's a little bit of context here since the IRA was passed the Inflation Reduction Act there have been about ninety projects announced to domestic the manufacturing of those products and service

76

Frank Ciampa 00:52:55.360 --> 00:53:16.160

here in the country, totaling about eighty thousand jobs and a hundred billion dollars in investments. So the funding in this proposal here with RGGI is going to help New York, get better position to attract those supply chain jobs and do that in a way that can benefit our communities and in localizing those supply chains, decarbonize all of the energy that would go into

77

Frank Ciampa 00:53:16.240 --> 00:53:36.640

producing and transporting those systems to market. So really great opportunity to do that work. Three buckets of work that are mentioned in the op plan and they include analysis, so the team's going to be looking at evaluating the current manufacturers in your, those suppliers that are making those products and services that also evaluating companies that are not in the clean tech

78

Frank Ciampa 00:53:37.040 --> 00:53:58.400

space that could pivot to work in that space as well, and we're going to be doing some competitive analysis looking at what other states are doing to attract those manufacturers and then we're going to do business attraction work too to elevate New York and what our assets and benefits are of localizing manufacturing in New York, and then we're going to be doing some planning assistance, making assistance available to local economic development organizations to

79

Frank Ciampa 00:53:58.440 --> 00:54:17.600

categorize and inventory the assets they have whether their actual sites to locate a project research institutions or their workforce to get those communities positioned to accept those manufacturing opportunities and conference for those investments. So those are the two programs that I was going to present. I'll turn

it over to Craig.

80

Frank Ciampa 00:54:21.000 --> 00:54:39.360

My name is Craig Tolly. I'm the Director of Innovation Nice Certam. Our team works to create new and exciting opportunities for technology development and I'll be talking about the natural carbon solutions in native emissions work. You could advance actually back slide. Yeah, all.

81

Frank Ciampa 00:54:39.400 --> 00:55:00.480

Our natural carbon solutions work is supported specifically by, on fifty one eighty on fifty one eighty was announced publicly in October of twenty- twenty- two and completed a competitive selection process focused on three technology development areas. The first was on innovative uses of natural carbon.

82

Frank Ciampa 00:55:00.520 --> 00:55:20.960

And other natural processes to make low to negative carbon building envelope retrofit when new construction materials, this is a really unique approach to utilizing potential waste streams from different bio processes to make things like innovative drywall, new countertops, biobased insulations and other products that ultimately reduce the.

83

Frank Ciampa 00:55:21.880 --> 00:55:41.440

Use of buildings and structures for the entire lifetime about their existence effectively reducing their energy use and their missions over the lifetime about the building asset the second top Gary of focused on method and methane reduction methane reuse and methane capture to be utilized in new Econom.

84

Frank Ciampa 00:55:41.600 --> 00:56:01.920

Ically, sustainable and viable product development translations at that metane into a product that can be used as an input or as a related activity to generate economic activity in the state while capturing one of the most difficult and impactful greenhouse gases, which is this the third part.

85

Frank Ciampa 00:56:02.120 --> 00:56:22.400

Is about measurement verification and evaluation of different activities. We've all seen different products that are labeled as carbon neutral. carbon negative that process is incredibly difficult to prove and multiple different applications. So there was a specific technical topic area in this solicitation focused on those types of questions in terms of how best to define.

86

Frank Ciampa 00:56:22.520 --> 00:56:42.880

A life cycle emissions different products and services so that if you were to buy one of those have been negative pieces of drywall, you could buy that with the

confidence that there is a straw quantitative basis for making that claim for products and services that came out of this spreadsheet funded activities. Each of these projects that was selected during

87

Frank Ciampa 00:56:44.480 --> 00:57:03.200

process and it was notified for negotiations in early twenty- twenty three and they're completing the contracting process at NYSERDA and moving towards public announcement, hopefully in the near future. Future rounds of PON fifty one eighty are anticipated for twenty- twenty- four and twenty- twenty- five and we'll continue to be focused on these areas of the operating plan for RGGI funding.

88

Frank Ciampa 00:57:03.360 --> 00:57:23.840

Additional work is anticipated to focus on the technology and business solutions related to the sustainable bio economy across the state. It's a strong focus on rural communities, economic development, utilizing the existing agriculture forestry industries and other bio- based industries across the state to increase in revenue. These approaches that are

89

Frank Ciampa 00:57:23.880 --> 00:57:39.360

anticipated for future rounds of this PON may include different approaches from utilization of green cooling technology to additional work utilizing green or biobase materials to reduce emissions and energy list. Thank you guys for the opportunity of an update. I appreciate it very much.

90

Frank Ciampa 00:57:42.400 --> 00:57:44.440

Why do we go to the next slide?

91

Frank Ciampa 00:57:46.880 --> 00:58:06.080

And this is John Williams, Executive Vice President for Policy. So our scoping plan implementation research is an item here that's going to support our work following on the completion of the Climate Action Council's scoping plan occurring just about now

92

Frank Ciampa 00:58:06.320 --> 00:58:26.560

a year ago, last December. As folks will remember the scoping plan identified a number of different initiatives that will require analysis and other policy development support to understand how they would best fit within a New York State environmental

93

Frank Ciampa 00:58:27.000 --> 00:58:47.040

and economic situation, and that's what this line item is intended to support that research and policy development that will look to carry out those potential policies in the pursuit of emission reduction and clean energy deployment according

to the goals of the Climate Act. For example, this year, the primary

94

Frank Ciampa 00:58:47.320 --> 00:59:07.520

focus of our implementation research program has been the development of New York's economy wide Cap and Invest Program. The NYCI program as Jon Binder had identified earlier today, this project is involving both the evaluation of emissions costs equity impacts

95

Frank Ciampa 00:59:07.760 --> 00:59:28.000

and workforce implications of several different NYCI policy choices, but also supporting the stakeholder outreach and engagement process to ensure that both DEC and NYSERDA received the full perspectives of the environmental community, the regulated community,

96

Frank Ciampa 00:59:28.640 --> 00:59:48.480

environmental justice experts and many other stakeholders in the process of assessing that program, which would also be other process, we would anticipate employing as we looked at other analysis and research programs coming under our scoping plan implementation research program. And with that, I pass

97

Frank Ciampa 00:59:49.160 --> 00:59:52.600

the mic over, I believe it will be to Adam Ruder.

98

Adam Ruder 00:59:53.800 --> 01:00:14.720

Thank you, John. Continue a number of, I'm Adam Ruder the Director for Clean Transportation at NYSERDA and continuing a number of years investment we will be, continue to invest in electric vehicles and EV charging and a number of electric multimodal options

99

Adam Ruder 01:00:16.120 --> 01:00:35.200

with the RGGI proceeds. First, we will be continuing to fund the drive clean rebate, a point of sale rebate for all New Yorkers, up to two thousand dollars per vehicle. We do expect to be continuing to evolve the, the program as the market evolves

100

Adam Ruder 01:00:36.160 --> 01:00:55.680

And trying to focus the program on those New Yorkers who can, who really need the incentive most second we will continue to support the installation of both level two and DC fast charge stations in New York State. This is through our charge ready.

101

Adam Ruder 01:00:57.020 --> 01:01:17.500

It is primarily on workplaces and multifamily buildings, charging at workplaces and multi-family buildings, as well as public locations in disadvantaged communities as well as some fast charging stations in some targeted areas of the state where it's, there's a lack of

102

Adam Ruder 01:01:19.500 --> 01:01:37.980

charging stations. And thirdly, we will continue to invest and, and launch a new program in expanding electric mobility and transit options for, with a focus on disadvantage communities. This could include e-bikes,

103

Adam Ruder 01:01:38.060 --> 01:01:58.460

scooters, electric shuttle buses connecting people to transit and this is going to be taking an approach of first supporting communities in developing plans for these types of options. And second, then supporting the

104

Adam Ruder 01:01:58.500 --> 01:02:15.060

demonstration of many of these projects at a larger scale, and this will be offered statewide starting in 2024. So really excited about this new program to complement the other two programs that we have been running.

105

Adam Ruder 01:02:17.020 --> 01:02:36.860

And we see this is a great way to expand the benefits of the RGGI investments to those who don't own cars for one reason or another, and which we are certainly encouraging and, and making sure that we are having the biggest impact in disadvantage communities.

106

Adam Ruder 01:02:38.900 --> 01:02:43.100

Next along those lines, I will turn it over to Jason Doling.

107

Jason Doling 01:02:45.180 --> 01:03:05.660

Thanks, Adam, I'm going to speak about three initiatives that work on engaging with communities and residents. If we could move to the next slide. In one more place and first the clean energy communities program, this is a well established program within NYSEDA that really works with municipalities

108

Jason Doling 01:03:05.740 --> 01:03:26.140

and local governments to help lead by example on decarbonization and similar to my colleague, Susanne DesRoche's comments earlier, this funding through RGGI really allows this program to be effectively deployed state-wide in particularly in Long Island where system benefits charge

109

Jason Doling 01:03:26.780 --> 01:03:46.620

does not occur on the utility bills statewide. More than fifty percent of our municipalities participate in this program and that covers approximately ninety percent of the state's residents. The second really critical initiative on the slide is related to clean energy workforce development

110

Jason Doling 01:03:46.660 --> 01:04:07.100

And in particular training individuals and helping ensure that individuals who traditionally have not had all of the opportunities that many New Yorkers have are successful in a long term clean energy career. This includes a, if you're new initiative of forty- five million dollars over three years

111

Jason Doling 01:04:07.220 --> 01:04:27.580

for a very soon to be released apprenticeship and pre-apprenticeship training solicitation, I will work directly with organized labor and the trades to bring new people into the trades, including at least fifty percent from disadvantage communities through pre-apprenticeship.

112

Jason Doling 01:04:27.820 --> 01:04:48.060

And also to upskill existing workers. And a significant focus is on working with members of disadvantage communities throughout our workforce development programs, including through on the job training, which actually provides a higher level of incentive to ensure that a resident of a Disadvantaged

113

Jason Doling 01:04:48.740 --> 01:05:09.180

Community is able to gain the skills needed to be successful in that career. If we could move to the next slide, I will wrap up this portion of the discussion with speaking about our clean energy hubs. So these are a regional clean energy hub network that we're established just about a year ago.

114

Jason Doling 01:05:09.380 --> 01:05:21.380

One in each region of the state and three in New York City given the, the just high population and density in the state. And the entire focus of these hubs is to have

115

Jason Doling 01:05:22.860 --> 01:05:43.100

the ground expertise in trusted advisors who will work with community residents to understand how can they take advantage of incentives that are coming out, utility programs, NYSERDA programs and how can they personally benefit from energy efficiency and installing electrified solutions within

116

Jason Doling 01:05:43.180 --> 01:06:03.580

their home or within their community. And this funding critically enables us to ensure that there is statewide coverage in that network and to ensure that all residents are able to benefit from this network of trusted advisors with

particularly an emphasis on working within disadvantaged communities.

117

Jason Doling 01:06:04.260 --> 01:06:24.060

In time, the hubs work will continue to expand beyond information assistance and assisting residents with applying for applications to also include helping connect residents with workforce development and training opportunities as well. I believe Kate Muller is going to present the next.

118

Frank Ciampa 01:06:26.020 --> 01:06:46.460

Thank you, Jason. I'm Kate Muller, the Vice President of Corporate Communications, Marketing and Events. And I will, excuse me, I'll be happy to share with you how RGGI will support and complement our current consumer awareness in the education marketing work and driving demand

119

Frank Ciampa 01:06:46.740 --> 01:07:06.940

and acceptance by consumers of electrification solutions. And this funding will assist us in expanding our reach and meet New Yorkers where they are at, whether that's digitally or in their communities through initiatives like the one Jason just mentioned, the clean energy hubs, which as he pointed out

120

Frank Ciampa 01:07:07.660 --> 01:07:27.420

Is serving as trusted advisors offering educational and technical assistance for communities across the state, also as part of our work we will look to educate consumers about the transition away from fossil fuels and help guide consumers in the adoption of critical measures such.

121

Frank Ciampa 01:07:27.420 --> 01:07:47.900

such as air ceiling and insulation. And certainly we recognize the need to build awareness and drive demand in the adoption of newer technologies, like heat pumps and induction stove tops. And finally this funding will help support and drive

122

Frank Ciampa 01:07:48.540 --> 01:08:08.380

awareness for consumers of the federal funding available through the Inflation Reduction Act or the IRA, whereby consumers can make energy choices and affordable choices, I should say. So I will now turn it over to Pam Poisson who spoke earlier.

123

Frank Ciampa 01:08:08.380 --> 01:08:28.859

Thank you, Kate. So really to round out, if we would go to the next slide, please to round out our discussion around the programs then. I'm going to cover our category called Directed Spend, which oftentimes is either mandated by legislation or legislative in nature, and so if we look at the

124

Frank Ciampa 01:08:28.940 --> 01:08:49.339

next slide, you can see really four categories that fall within this overall umbrella. The first is the New York State Environmental Protection Fund or EPS and some of the programs that are supported through the RGGI funding that is marked for this particular function would be things such as Climate

125

Frank Ciampa 01:08:49.460 --> 01:09:09.819

Smart Communities, Smart Growth and GHG management, all very closely tied to the goal of reducing the greenhouse gases. We also have within this category the electric generation facility cessation mitigation, which is tied to the concept of the just transition where as in acknowledges, we're going through our energy

126

Frank Ciampa 01:09:10.500 --> 01:09:30.299

transition that, that may also changes to power plants and where can we use it then reliant on economic support from those. This program helps ensure that they have a means to bridge into the future. We also have in the last two items here things that provides some tremendous financial leverages we think about

127

Frank Ciampa 01:09:30.339 --> 01:09:50.779

optimizing the use of RGGI funding, Cheryl mentioned some things earlier Green Job's Green York was a program that was originally established through legislation and has received over time, various tranches of support for RGGI, but we also are able complement that through the recycling of capital

128

Frank Ciampa 01:09:52.100 --> 01:10:11.260

and issuing bonds that are supported by this ultimately adding almost two times the leverage is what the original financial installment would have supported and that translates into things such as energy assessments installation services, low interest financing, which we're seeing quite a demand for right now and quite

129

Frank Ciampa 01:10:11.580 --> 01:10:31.740

promising way and then pathways to train for green collar careers. And then finally federal program match opportunities. These are investments that are used for federal branch programs or very similar structures where in, there is a funding match required that ultimately unlocks additional funding such

130

Frank Ciampa 01:10:31.940 --> 01:10:52.220

through federal grants and we're right now at a convergence of timing wise where we've got federal grant opportunities that we might not otherwise be able to pursue in our directly in the advancement of objectives aligned with the overall RGGI framework. So you see some investments in the detailed budget here that are not insignificant, but really are

131

Frank Ciampa 01:10:52.300 --> 01:11:11.460

small deposits and unlocking much broader funding leverage there. I think that really rounds our discussion of the different programmatic vehicles and I know that a disadvantage community is something that's very important to the stakeholder group and next step we have Jason doing to share more on that topic. Jason.

132

Jason Doling 01:11:14.460 --> 01:11:33.660

So fortunately with the second time speaking I can actually introduce myself this time. I am Vice President for Communities and Partnerships here at NYSERDA and that does include our work with local communities and working in particular with disadvantage communities. So let's move to the next slide. The 2024 Operating

133

Jason Doling 01:11:34.300 --> 01:11:54.140

Plan, and if we could advance one please, builds on the twenty- twenty- three portfolio, continuing a strong focus on disadvantaged communities. I'll speak more in the coming slides with some examples of what that looks like, but in particular, this plan supports the statewide goal under the Climate Leadership and Community Protection

134

Jason Doling 01:11:54.780 --> 01:12:14.620

Act or the climate law that disadvantage communities will receive at least thirty-five percent of the overall benefits of spending on clean energy and efficiency programs with a goal of forty percent and we estimate that forty- three percent of our post- twenty-nineteen commitments will provide benefits.

135

Jason Doling 01:12:14.620 --> 01:12:34.980

specifically to disadvantaged communities, which is consistent with last year's portfolio. Let's advance one more slide please. So what is a disadvantage community? This past March, the climate justice working group voted to approve and adopt these final criteria, which include

136

Jason Doling 01:12:36.380 --> 01:12:55.580

two factors, the first included forty-five different indicators that were examined and really examined the environmental burdens or climate change risk within a community or population and that included health vulnerabilities that could contribute to more severe adverse effects from

137

Jason Doling 01:12:57.500 --> 01:13:16.060

within that first bullet, approximately thirty-five percent of the state's population resides in communities that meet this criteria and the hyperlink in the final slides that are shared, would take any interested stakeholder to that page, including to a mapping feature. The second component within

138

Jason Doling 01:13:16.860 --> 01:13:36.540

communities were households with annual income at or below sixty percent of state median income or otherwise eligible for a low-income program. So oftentimes, this will be referred to, as, as low-income residents that brings another fifteen percent of the state's population within

139

Jason Doling 01:13:36.700 --> 01:13:57.020

the definition of this advantage communities. So just to pause for a moment, roughly one out of two New Yorkers would be eligible within the definition of disadvantage community. So it's a significant portion of our state's population and one of the reasons why it is such a critical effort by NYSERDA to address these needs.

140

Jason Doling 01:13:58.340 --> 01:14:17.500

If we could advance to the next slide, this will give a graphical representation, both of the historical investments benefiting disadvantage communities within the RGGI operating plan and investments post two thousand nineteen, the CLCPA was signed into law in July of two thousand nineteen for

141

Jason Doling 01:14:18.140 --> 01:14:37.980

And so you'll see historically up until that law was signed, roughly twenty- three percent of the RGGI investments met the definition for benefiting disadvantage communities following passage of that law, we are really proud that this continues in the current year that

142

Jason Doling 01:14:37.980 --> 01:14:54.100

forty-three percent of our projected post two thousand nineteen commitments will benefit directly, disadvantage communities exceeding that thirty-five percent minimum requirement. And if we could advance to the next slide.

143

Jason Doling 01:14:55.940 --> 01:15:15.740

This slide, and then it is continued on the next one, presents the specific programs and respective funding amounts that comprise the, and it's the investments that are benefiting disadvantage communities. So you've heard about many of these in the discussion today programmatically and if we could move

144

Jason Doling 01:15:15.860 --> 01:15:18.540

finally, to my last slide.

145

Jason Doling 01:15:20.300 --> 01:15:40.700

These are the total program commitments and total estimated investments that are benefiting disadvantage communities within the current proposed operating plan,

totaling forty-three percent. Again, the details of which are included in the draft plan and also were

146

Jason Doling 01:15:40.700 --> 01:15:51.820

described on today's webinar. And with that, I believe I am handing this back over to Frank who will handle any Q and A and discussion. Thank you.

147

Frank Ciampa 01:15:54.140 --> 01:16:14.620

Great, thank you. Jason and thank you to all of our presenters here today. Next slide, please. The segment of our presentation where we are going to take public comment this presentation here today really initiates a longer public comment

148

Frank Ciampa 01:16:14.660 --> 01:16:31.860

opportunity that will continue through the year and we typically allow for public comment from anyone who's visiting and attending in the room as well as comments from anyone who might be participating remotely. So

149

Frank Ciampa 01:16:33.260 --> 01:16:53.660

looking at this time, no questions seem to have come in today from the webinar and presently, I think we have NYSERDA folks who are in the room as no public has shown up to submit a comment or question. So we'll just hang

150

Frank Ciampa 01:16:53.740 --> 01:17:01.180

tight for just a brief moment before moving along with the remainder of our program.

151

Frank Ciampa 01:17:14.780 --> 01:17:22.780

So, again, as a reminder, if you do have a question, please use the Q and A function bottom of your webinar.

152

Frank Ciampa 01:17:35.260 --> 01:17:55.100

I think what we can do is continue to move along through our segment if you don't mind advancing to the next slide, we can review some of what's in store next at some resources that people can use to engage and access some of these materials from

153

Frank Ciampa 01:17:55.340 --> 01:17:57.100

today. So

154

Frank Ciampa 01:17:58.380 --> 01:18:18.780

NYSERDA's website, a draft of the operating plan amendment has been posted. It's

available and as I mentioned earlier the presentation and recording of this session will also be posted to NYSERDA's website for reference. We will be able to, the public

155

Frank Ciampa 01:18:18.940 --> 01:18:39.260

will be able to submit written comments and submit that to this email address on the screen here by closing business on December Twenty- ninth twenty- twenty three that will be another opportunity for the public to submit their perspectives on our plan as presented here today, and then

156

Frank Ciampa 01:18:39.940 --> 01:18:59.740

we'll culminate this segment of the cycle by presenting the operating plan amendment to NYSERDA's Board of Directors for their consideration during the January twenty- fourth board meeting. So that is what is the store for us next. We appreciate the

157

Frank Ciampa 01:19:00.540 --> 01:19:14.500

Time from everyone that participated here today. Thank you to our presenters and we look forward to continuing on with this RGGI process. Good afternoon, thank you. Thank you.