

#### Leroy Nix

Vice President - Regulatory and Public Affairs Entergy New Orleans, LLC 504-670-3680 | Inix@entergy.com
1600 Perdido Street, New Orleans, LA 70112

July 15, 2025

# **VIA ELECTRONIC DELIVERY**

Chair Helena N. Moreno 1300 Perdido Street, Room 2W40 New Orleans, LA 70112 Helena.Moreno@nola.gov

Councilmember Jean-Paul "JP" Morrell 1300 Perdido Street, Room 2W50 New Orleans, LA 70112 JP.Morrell@nola.gov

Councilmember Lesli Harris District B 1300 Perdido Street, Room 2W10 New Orleans, LA 70112 Lesli.Harris@nola.gov Councilmember Eugene Green
District D
1300 Perdido Street, Room 2W20
New Orleans, LA 70112
Eugene.Green@nola.gov

Councilmember Oliver Thomas District E 1300 Perdido Street, Room 2W60 New Orleans, LA 70112 Oliver.Thomas@nola.gov

Re: Community Solar Program Implementation (CNO Docket No. UD-18-03)

Dear Ms. Moreno, Mr. Morrell, Ms. Harris, Mr. Green and Mr. Thomas:

As you know, on June 26, 2025, the Council issued Resolution No. 25-352 ("Resolution") in the above-referenced docket. In several instances, the Resolution refers to my June 10, 2025 letter on behalf of Entergy New Orleans LLC ("ENO") as ENO's "proposal" for implementing consolidated billing for the community solar program in New Orleans.<sup>1</sup>

To ensure an accurate record of the proceedings, and also to level set the parties before the July 31, 2025 technical conference in this docket, I am writing to reiterate that the June letter was not a proposal by ENO for consolidated billing. There are still many details left unaddressed as to how, whether, and when a consolidated billing arrangement could be implemented – and notably, no findings as to why such an arrangement *should* be implemented. To date, there has been no

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See, e.g., Resolution, p. 3 ("WHEREAS, on June 10, 2025, ENO submitted a proposal for consolidated billing").

finding that consolidated billing is in the public interest. All parties have not briefed the public interest issue, presented cost-benefit analyses on consolidated billing in the context of community solar in New Orleans, or reached a common understanding of "consolidated billing."

As ENO has discussed in prior submissions,<sup>2</sup> additional guidance is necessary to define the parameters of the framework such that ENO and other stakeholders can develop appropriate estimates of costs and updated processes to administer consolidated billing. Consolidated billing arrangements are not the norm for most community solar programs in the industry, and there are multiple ways to administer consolidated billing. Furthermore, ENO continues to maintain that consolidated billing (as ENO understands the term) is an unwise regulatory objective that will impose unnecessary costs onto ENO's customers, in particular low-income customers (whether subscribed to community solar or not); unquantifiable business risks to ENO to the extent ENO is expected to undertake the responsibility of billing its customers for subscriber fees on behalf of third party developers; and customer satisfaction issues given the program's likelihood of causing confusion among subscriber customers as to the respective roles of ENO and subscriber organizations.

Moreover, ENO's October 2024 comments explain that implementing consolidated billing would dramatically accelerate the rate at which net costs associated with community solar would be borne by all of ENO's electric customers. Put simply, consolidated billing allows developers – many of whom are from out-of-state – to avoid the burdens and operational costs of establishing their own billing and payment processes, and to maximize their profits by shifting those costs onto ENO and its customers.

Despite these concerns, my June letter provided an initial estimate of particular cost drivers necessary to implement consolidated billing, *i.e.*, changes to IT systems and business processes that ENO currently uses, as well as hiring additional employees, which information was previously requested of ENO. ENO anticipates additional and continuous expenditures would be required to implement and maintain consolidated billing – expenditures that would be shouldered by ENO's entire customer base, even those who do not participate in community solar, many of whom are most vulnerable to cost pressures.

ENO appreciates the opportunity to submit this letter and looks forward to the stakeholder and evidentiary process contemplated by the Resolution, where ENO hopes to gain an understanding of the goals and proposals of stakeholders with respect to consolidated billing, and perhaps ENO and other stakeholders can gain some alignment on the myriad issues that remain unaddressed in this docket.

For reference and convenience, I am attaching hereto the June 11, 2025 letter (without attachments), the December 13, 2024 letter, and the October 30, 2024 comments (without attachments) filed in this docket, as Exhibits A, B, and C, respectively.

Community Solar Program Implementation July 15, 2025 Page 3 of 3

ENO stands ready to work with the Council and other stakeholders on the community solar program pursuant to approved Council rules. Should you have any questions or require additional information, please do not hesitate to reach out.

Sincerely,

Leroy Nix

# Enclosures

cc: Erin Spears

Basile Uddo Jay Beatmann Joe Rogers

Courtney Nicholson Deanna Rodriguez



Leroy Nix
VP, Regulatory & Public Affairs
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June 11, 2025

# VIA Electronic Delivery

Clerk of Council City Hall – Room 1E09 1300 Perdido Street New Orleans, LA 70112

Re: Cost Estimates to Implement Net Crediting Consolidated Billing (CNO Docket No. UD-18-03)

#### Dear Clerk of Council:

Please find enclosed the submission titled "Cost Estimates to Implement Net Crediting Consolidated Billing (CNO Docket No. UD-18-03)". Please file a copy of this submission into the record in the above referenced matter.

If you have any questions regarding this information, please contact me at (504) 670-3680.

Sincerely,

Leroy Nix

Entergy New Orleans, LLP ge 2 of 3 1600 Perdido Street, Bldg. 505 New Orleans, LA 70112

Leroy Nix
Vice President, Regulatory &
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June 10, 2025

#### VIA ELECTRONIC MAIL

Erin Spears Chief of Staff & Counsel Council Utilities Regulatory Office New Orleans City Council 1300 Perdido Street, Room 6E07 New Orleans, LA 70112

Re: Cost Estimates to Implement Net Crediting Consolidated Billing (CNO Docket No. UD-18-03)

Dear Ms Spears:

Entergy New Orleans, LLC ("ENO") submits this letter as a supplement to its December 13, 2024, letter to the Council, as well as its October 30, 2024, comments filed in this docket regarding the non-participant impacts and costs associated with further modifications to the Community Solar Rules that would require ENO to implement net crediting consolidated billing. Those prior submissions discuss the hurdles and high-level cost drivers associated with implementing net crediting consolidated billing for the community solar program in New Orleans. This letter provides additional information on the implementation of consolidated billing, specifically further estimates of the costs to implement necessary changes to IT systems and business processes as previously requested by CURO.

In the absence of Council-approved Community Solar Rules that contemplate consolidated billing and include the necessary requirements, ENO has developed for consideration and discussion a set of redlined Rules (attached here) that capture net crediting consolidated billing as ENO understands it and as ENO believes it could conceivably be implemented. Moreover, based on these proposed redlined Rules and requirements, ENO has worked with its IT integration partner to develop an initial estimate (Class 5) of the work potentially necessary to modify ENO's billing systems and create interfaces for Subscriber Organizations and ENO to exchange information and data.

For that work, the initial estimate reflects a cost of 1.55M for necessary IT coding and integration, with a sensitivity range of +100% to -50% (3.1M to 775K). A final estimate would be established if the Council issues a resolution ordering ENO to implement consolidated

<sup>&</sup>lt;sup>1</sup> In response to direction from the Council, ENO filed updated redlined rules on January 16, 2025, that address issues identified in Resolution R-24-571 and subsequent stakeholder discussions. As a starting point for adding proposed redlines describing requirements for net crediting consolidated billing, ENO accepted all of the redlines in the January 16, 2025, version on the assumption that the Council would approve its compliance filing as submitted.

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billing, with sufficient detail about the necessary requirements of the consolidated billing solution, and the IT integrator conducts detailed requirements design based on the updated version of the Rules finally adopted. From the date that the Council issues an ordering resolution, ENO would need approximately eight months to finalize requirements and perform implementation. If the final Rules adopted by the Council deviate from the proposed redlines ENO developed for use in creating the estimate, the cost could change significantly beyond the Class 5 range described above. The time required to revisit the IT requirements, update the estimate, and implement the solution would extend to 12-14 months in that case.

Based on the proposed redline Rules developed by ENO, it is not expected that a full bill redesign would be required to implement consolidated billing (and thus no such costs have been included). However, if updated Rules approved by the Council introduce requirements that necessitate a new bill design, this would increase the estimated cost and require several additional months to produce. In addition, ENO estimates at this time that two new full-time analysts would be required to support the community solar program at an incremental annual cost of approximately \$110K to \$125K each.

ENO stands ready to work with the Council and other stakeholders on the community solar program pursuant to approved Council rules. Should you have any questions or require additional information, please do not hesitate to reach out.

Sincerely

Leroy N

**Enclosures** 

cc: Official Service List UD-18-03 (via electronic mail)



Leroy Nix
Page 1 of 3
Vice-President – Regulatory & Public Affairs
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December 13, 2024

#### **VIA ELECTRONIC MAIL**

Clerk of Council City Hall - Room 1E09 1300 Perdido Street New Orleans, LA 70112

**Re:** Community Solar Program Implementation (CNO Docket No. UD-18-03)

Dear Clerk of Council:

Entergy New Orleans, LLC ("ENO" or "the Company") respectfully submits this letter as a supplement to its comments filed on October 30, 2024, in the above-referenced docket ("Comments"). The Comments discuss the significant hurdles and costs associated with implementing consolidated billing for the community solar program in New Orleans. This letter provides additional information regarding the Comments, and ENO stands ready to work with the Council and other stakeholders on the community solar program pursuant to the Council's Community Solar Rules ("Rules").

The intervenors have urged the Council to require ENO to implement a "net crediting consolidated billing" model for community solar. ENO generally understands this model to involve no out-of-pocket subscription fee to be paid by participating subscribers. Each month, the utility calculates a total bill credit for each participating customer based on their pro rata share of the project's output to which they are subscribed using the subscriber credit methodology approved by the regulator. The total bill credit is split between the subscriber and the project developer based on a pre-determined percentage (e.g., 10%/90% or 20%/80%). The subscriber's portion (the smaller percentage) is reflected on their utility bill as a credit against their electric service charges. The developer's portion is paid to them via check.

The methodology for calculating total bill credits is contained in the Rules set forth in Resolution No. R-23-507, as modified by Resolution Nos. R-24-310 and R-24-571. In the Comments, ENO, using the approved methodology, laid out a number of analyses that estimated total bill credits at the start of the program of 8.3 to 14.2 cents per kWh, and recognized the upper bound of that range could increase over time. ENO also pointed out that the total nominal costs of the community solar program (excluding consolidated billing implementation costs, which are discussed further below) are projected to start at \$7.5 million in year 1 and grow to over \$17.8 million by year 20.

See Attachments 1 and 2 of the Comments, specifically the "Backwards Look Scenario Summary" tab of Attachment 1 and the "Summary 60 MW Scenario" tab of HSPM Attachment 2.

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While the Comments addressed consolidated billing, ENO reiterates that certain aspects of the community solar program make implementation of consolidated billing (and the community solar program overall) quite complex. Examples of such complexity include the monthly bill credit calculations, the split described above of total bill credits between subscribers and project developers for each project, and monthly updates to the list of subscribers. With respect to the split of bill credits for each project, ENO understands that developers want the ability to change the ratio for each customer and each project over time.

As noted in the Comments, ENO's analyses project 7,000 to 9,000 future subscribers to the community solar program based upon the current Rules and assuming the entire 60 MW of solar facilities are built. As a result, for every subscriber, ENO would have to carry out multiple calculations each month, including, among other things, the amount of bill credit rates, the allocation of energy for each project to applicable subscribers, and the total credit splits. Accommodating such changes in the billing system will not be simple and will come at a cost given the number of inputs to these calculations that are subject to change on a monthly basis. Overall, the number of calculations and exchange of information each month drives the complexities (and costs) and increases the likelihood of future billing errors.

To address the complexities involved with consolidated billing, certain aspects of the Rules and consolidated billing would need to be simplified and/or ENO would have to employ an incremental number of full-time employees ("FTEs") to handle such complexities. More specifically, additional FTEs to administer the program would be needed to support enrollment, to enable data transfers between subscriber organizations regarding subscriber lists, to perform reconciliations to ensure that all activity is complete and accurate for any given period, to release payments to developers, to review invoices to ensure credits are properly reflected, and possibly other tasks. The FTEs could reside in one department or may need to be embedded in different support functions throughout shared services functions. ENO does not yet know the specific number of additional FTEs required to accurately administer the program (which will depend on whether the Rules are simplified).

Moreover, ENO anticipates additional expenditures to implement a consolidated billing program from both an IT and business process perspective. There would be increased logic that would need to be configured in the billing systems to ensure that credits are properly recorded and that activity and billing calculations are accurately maintained. There will need to be several more accounting transactions recorded so that all of the activity can be properly reflected on ENO's financial records. The complexities in both system configuration and accounting processes further result in additional expenses being needed to maintain the level of detail to support and administer the program accurately. Complexities in billing logic also extend beyond just the monthly billing – those complexities impact any subsequent activity associated with maintenance of an account such as cancel/rebills, payment processing, late fee calculations, etc.

As noted above, implementation of complex billing arrangements introduces higher costs, increased potential for errors, and increased potential for negative customer experience. Based on preliminary information to date, IT costs associated with the initial implementation of consolidated billing provisions are estimated to be up to approximately \$3 million over a 6-12 month period.

In its Comments, ENO expressed concerns about cost shifts to nonparticipating customers as a result of implementing consolidating billing. Unless the Council modifies its Rules to address that concern, consolidated billing could result in disbursed costs among all ratepayers of approximately \$2 per month for a typical 1000 kWh residential customer. This estimate was calculated for a typical residential customer based on the average annual net costs over 20 years (approximately \$10.6 million per year). If the Council decided to act on ENO's suggestions to lower the overall capacity limit from 60 MW to some lower level and/or change the current subscriber credit calculations to something less lucrative, that would reduce the amount of costs shifted to nonparticipating customers and borne on customer bills.

Ultimately, because (i) ENO needs further guidance from the Council and (ii) no project will be operational before 2026, ENO will not be able to implement consolidated billing by July 1, 2025. However, to be able to implement consolidated billing at a later date, ENO submits the following questions to both firm up its estimates of implementation costs and also to address the cost shift concerns raised in its Comments:

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- 1. In the event the Council elects not to change the bill credit calculation approved in Resolution No. R-23-507, as modified by Resolution Nos. R-24-310 and R-24-571, will the Council consider setting the percentage split of total subscriber credits between subscriber organizations and subscribers in any further amendment of the Rules that adopts consolidated billing?
- 2. Will the Council consider modifying the credit rate for subscribers and subscriber organizations to a set rate?
- 3. Will the Council consider limiting the community solar program to low-income customers?
- 4. Will the Council consider limiting or phasing in the capacity of the community solar program?
- 5. If the Council further amends its Rules to require consolidated billing, would it limit the participation of anchor customers and the availability of alternative billing structures besides consolidated billing?

ENO appreciates the opportunity to provide this supplement to its Comments. Should you have any questions or require additional information, please do not hesitate to reach out.

Sincerely,

Leroy Nix



Leslie M. LaCoste

Counsel – Regulatory

Entergy Services, LLC

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639 Loyola Avenue, New Orleans, LA 70113

October 30, 2024

## **VIA ELECTRONIC MAIL**

Clerk of Council Clerkofcouncil@la.gov City Hall - Room 1E09 1300 Perdido Street New Orleans, LA 70112

Re: Community Solar Program Implementation (CNO Docket No. UD-18-03)

Dear Clerk of Council:

Attached please find Entergy New Orleans, LLC's ("ENO") Comments Regarding Consolidated Billing Implementation which is being filed in compliance with Resolution No. 24-310 in connection with the above-referenced docket. ENO submits this filing electronically and will submit the requisite original and number of hard copies once the Council resumes normal operations, or as you direct. ENO requests that you file this submission in accordance with Council regulations as modified for the present circumstances.

Please note that Attachment 2 contains Highly Sensitive Protected Material ("HSPM"). The HSPM attachment is being provided via electronic means only to those appropriate reviewing representatives who have executed the Official Protective Order in this docket, and as further provided therein.

Thank you for your assistance in this matter, and please let me know if you have any questions or concerns.

Sincerely,

Leslie M. LaCoste

LML/hs Enclosures

cc: Official Service List UD-18-03 (via electronic mail)

#### **BEFORE THE**

#### COUNCIL OF THE CITY OF NEW ORLEANS

IN RE: RESOLUTION AND ORDER	)	
RELATED TO MADISON ENERGY	)	DOCKET NO. UD-18-03
INVESTMENTS, INC. MOTION TO	)	
AMEND COMMUNITY SOLAR RULES	)	

# ENTERGY NEW ORLEANS, LLC'S COMMENTS REGARDING CONSOLIDATED BILLING IMPLEMENTATION

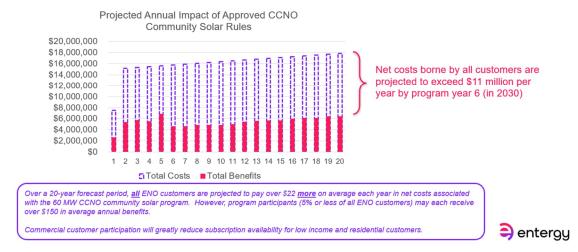
Entergy New Orleans, LLC ("ENO" or the "Company") respectfully submits its Comments Regarding Consolidated Billing Implementation, pursuant to Resolution No. R-24-310 (As Amended) ("Resolution") issued by the Council of the City of New Orleans ("Council") on July 25, 2024. The Resolution directs ENO to submit a proposal for implementing a "consolidated billing" program by July 1, 2025, which would represent a wholesale change to the subscription and billing processes contemplated under the Council's Community Solar Rules as amended and adopted through Resolution No. R-23-507 ("Rules") and currently in place. For the reasons discussed below, ENO respectfully asks the Council to carefully consider the effects of this wholesale change, which would result in an accelerated increase in costs associated with the Community Solar program being borne by non-participating customers, including low-income customers, and decline to modify its Rules to require implementation of consolidated billing.

#### INTRODUCTION

In the context of a Community Solar program, various intervenors have requested that ENO change its current billing system to accommodate consolidated billing. To properly consider the request, as a starting point, the Company provides herein two different analyses of the estimated costs associated with Community Solar to be borne by non-participating customers. One is an

update of the backward-looking analysis that ENO provided in this docket.<sup>1</sup> The other is a forward-looking analysis that uses the framework presented by ENO in Docket UD-13-02 to quantify the cost shift associated with the Net Energy Metering ("NEM") program, applied here to the estimated benefits and costs of a 60 MW<sup>2</sup> Community Solar program.<sup>3</sup> These two analyses show estimates of significant net costs that would be borne by all customers under the current Rules through a 60 MW community solar deployment. Notably, the forward-looking analysis estimates a total cost shift of over \$212 million on a nominal basis, or over \$111 million on a net present value ("NPV") basis, over the next 20 years.

# The costs of CCNO's community solar program will far exceed its benefits, meaning all customers will pay more to benefit a small subset of participants and developers.



As discussed herein, adopting consolidated billing would dramatically accelerate the rate at which these net costs would be borne by ENO's electric customers, including low-income, non-participating customers.

Additional Comments of ENO, filed June 16, 2023.

Throughout these comments, references to "MW" should be understood as contemplating megawatts of alternating current power, or "MW-AC".

<sup>&</sup>lt;sup>3</sup> ENO's Comments and Net Energy Metering Proposal, Docket UD-13-02 (Sept. 28, 2016).

Consolidated billing is not a new issue for the Council. Indeed, the Council has twice before denied motions from intervenors to amend its Rules to require consolidated billing.<sup>4</sup> While there have been numerous comments submitted requesting that the Council adopt the "net crediting" form of consolidated billing, the Rules currently reflect the original billing framework. The Rules should remain that way. If the Council were to amend its Rules to require the implementation of consolidated billing, it would require significant changes to the billing system that ENO currently uses to manage and operate its business as well as back office and other business processes. Thus, it would require significant development and implementation costs that would be incremental to the costs identified in the analyses described above and herein. Lowincome and other non-participating customers would have to pay higher rates even though they do not receive a benefit in the form of a credit on their electric bill. This is fundamentally unfair and places an undue burden on those customers. ENO is deeply concerned about the additional costs and associated bill impacts.

ENO respectfully submits that, based on the estimated cost shifts quantified herein, the Council should decline again to modify its Rules to require consolidated billing. Should the Council decide to modify its Rules and require ENO to implement consolidated billing, ENO suggests that a further stakeholder process will be necessary to define the parameters of the framework such that ENO can develop appropriate estimates of costs and updated processes to administer it.

<sup>&</sup>lt;sup>4</sup> Resolution No. R-23-130, pp. 6-7, and Resolution No. R-23-507, Ordering Par. 2.

### **SPECIFIC COMMENTS**

## 1. <u>Cost Shift to Non-Participating Customers</u>

In adopting Resolution R-23-507, the Council chose to increase the Subscriber credits for Subscribers that do not qualify as low-income to the full retail rate, and credits for low-income Subscribers to the full retail rate plus \$0.02 cents per kilowatt hour.<sup>5</sup> Explaining its decision, the Council stated that it:

understands that any increase in the subscriber credits will increase the cost of the community solar program and its attendant impact on ratepayers, the Council also understands that the impact will occur over time and will be dependent on the rate and magnitude of CSG development in New Orleans; and the Council believes that an increase in the subscriber credits can be accomplished while still protecting ratepayers from undue burden and providing the ratepayers with the stated benefits of community solar. (emphasis added).<sup>6</sup>

The Council also denied the proposal of Madison Energy Investments ("MEI") for ENO to be required to implement consolidated billing. Starting at the October 30, 2023 Climate Change Committee meeting where the Resolution was considered, and continuing since then, the intervenors have re-urged their request for the Council to further amend its rules to allow net crediting consolidated billing and to require ENO to implement and administer the program on behalf of Subscriber Organizations. The intervenors argue generally that adding consolidated billing to the program is the last critical element that will remove the barriers to widespread community solar development in New Orleans and spark customers' participation since customers would no longer be required to make an out-of-pocket payment directly to a Subscriber

<sup>&</sup>lt;sup>5</sup> Resolution R-23-507, Ordering Par. 1.

Resolution R-23-507, p. 8 (emphasis added).

<sup>&</sup>lt;sup>7</sup> Resolution R-23-507, Ordering Par. 2.

Organization to participate.<sup>8</sup> Customers would simply need to sign up and, assuming they meet the requirements in the Rules for participating, begin receiving a monthly bill credit from ENO, which would continue as long as they remained in the program.

It seems clear that further amending the Rules to require consolidated billing would, as suggested by intervenors, greatly accelerate the uptake of community solar by removing the requirement for customers to pay out of pocket to participate, and that customer demand would quickly result in a full subscription of available projects. That, coupled with the fact that applications have already been received for enough ground mounted solar projects to fill the entire 60 MW program capacity limit defined by the Rules, suggests that the rate and magnitude of CSG Facility development and subscriptions in New Orleans will meet or exceed whatever threshold the Council had in mind when it adopted Resolution R-23-507 in November 2023. To be clear, the prior decisions to increase the maximum project size from 2 to 5 MW<sup>9</sup> and to raise the Subscriber credits to their current levels<sup>10</sup> have generated significant interest from Subscriber Organization developers. The increased Subscriber credits provide lucrative potential funding streams to support project economics.

In addition, ENO's analysis shows that not only is the amount to Subscriber Organization developers excessive, but the cost paid per kilowatt hour (as set by the Subscriber credit calculations under the Rules) is far above the market rate for new solar resources. On average, ENO customers will be paying over 16.3 cents per kWh over a twenty-year period for the total costs of this program through the fuel adjustment clause.<sup>11</sup> This is far in excess of the levelized

The Parties continue to believe that net crediting is an <u>essential</u> linchpin to this program." Comments of Together New Orleans ("TNO"), p. 8 (Sept. 13, 2024) (emphasis in original).

<sup>9</sup> Resolution R-23-130, Ordering Par. 1.

Resolution R-23-507, Ordering Par. 1, and Resolution R-24-310, p. 6.

See HSPM Attachment 2, in particular the average of projected total costs (in cents per kWh terms) found in row O of the "Summary 60 MW Scenario" tab.

cost of energy for utility-scale projects cited in the Lazard 2024 report and other operational utility-scale power purchase agreements ("PPAs") in ENO's portfolio (e.g., St. James Solar and Iris Solar). ENO customers will pay a significant premium for this program as compared to other clean resources, and most of the costs of this program will be incurred to benefit Subscriber Organization developers, not customers. 13

Given these two prior changes to the Rules, it is likely that even in the absence of consolidated billing, Subscriber Organizations already have enough incentive to aggressively pursue Subscribers for their projects, and the Subscriber credits are lucrative enough that many customers would enroll, even if they had to pay out of pocket to do so in exchange for receiving the monthly bill credit. In that case, however, the ramp rate of subscriptions and program costs borne by non-participating customers might well be slower and occur over a longer timeline. A further decision of the Council to take the last step and add consolidated billing to the Rules, given the changes it has already approved at the request of Intervenors and developers, will ensure the rapid development of projects and the realization of attendant cost shifts the Council seemed to acknowledge and express concern about in Resolution R-23-507.

As the Council considers whether to adopt consolidated billing and facilitate accelerated enrollment in 60 MW of projects over the next couple years, the Council should consider the

Rather than letting the calculated Subscriber credit set the purchase price for energy under the Form CSG-4 PPA, CSG Facility projects could be selected through a competitive procurement process with PPA pricing based on the selected bids. Competitive procurement processes are a standard part of utility generation procurement efforts to protect customers, ensuring new resources represent the lowest reasonable cost and are in the public interest. In Docket UD-18-05, the Council put in place rules for competitive procurements in cases where generation >20 MW must be procured. Requiring competition among developers to fill out the 60 MW program capacity limit under the Rules would help improve the value of the program to all customers.

The 2024 Lazard Levelized Cost of Energy ("LCOE") Report is available here: https://www.lazard.com/media/xemfey0k/lazards-lcoeplus-june-2024\_vf.pdf. See slide 10. Lazard's estimated LCOE range for utility-scale solar resources financed with an ITC range from \$19 to \$78 per MWh. The cost of ENO's operational utility-scale solar PPA resources fall within that range. Overall, the total costs of the Council's Community Solar program are projected to be at best double or possibly four or more times the cost of utility-scale solar resources.

Exhibit C - October 2024 Consolidated Billing Comments CNO Docket No. UD-18-03

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amount of shifted costs to non-participating customers (particularly low-income customers) that

constitutes an undue burden, given the increases in Subscriber credits approved in Resolutions R-

23-507 and R-24-310. To this end, the Company has prepared two analyses: one that updates the

backward-looking analysis the Company submitted in its June 2023 comments in this docket, and

another that applies the forward-looking analysis methodology submitted by ENO in 2016 in the

Net Metering rulemaking, Docket UD-13-02, to the cost shift that will result from Community

Solar. Both analyses estimate the cost shift driven by the existing Rules and do not include any

incremental costs necessary to implement a consolidated billing framework. As discussed above,

cost shifts may occur anyway given the Rules changes already approved, but the timeline would

be longer in the absence of consolidated billing and the amount of shifted costs may be mitigated

over time if customer demand for subscriptions is more moderate.

a. <u>Backward-Looking Analysis</u>—In its June 2023 comments, the Company

submitted an analysis that concluded approximately \$5.9 million in net costs would have been

borne by all ENO electric customers over the two-year period from June 2021 through May 2023,

based on the Subscriber credits then in effect; an assumption of 40% low income/60% non-low

income Subscribers; the MISO values for avoided energy and capacity for that period; and an

overall program capacity limit of 55 MW of CSG projects split 50/50 between rooftop and ground

mounted single axis tracking systems. Extrapolating that two-year cost over a 20-year period

resulted in a nominal \$59.3 million net cost. <sup>14</sup> Discounting that total by ENO's weighted average

cost of capital ("WACC") of 6.70% results in a net present value of \$31.9 million cost to customers

over 20 years.

Additional Comments of ENO, filed June 16, 2023, p. 5.

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To update this analysis, ENO made the following modifications to the assumptions to reflect current information:

- Program Capacity limit—increased from 55 MW to the current 60 MW;
- Subscriber mix—changed from 40/60 Low Income/Non-Low Income to 70/30 Low Income/Non-Low Income;
- Subscriber credits—used the credits calculated under the updated Rider CSGF;<sup>15</sup>
- Avoided Energy Value—used the MISO ENO Load Zone LMPs for June 1, 2022 to May 31, 2024; and
- Avoided Capacity Value—used the MISO PRA values for LRZ 9 for June 1, 2022 to May 31, 2024.

Based on these updated assumptions, the net cost borne by ENO electric customers over the two-year period from June 1, 2022 to May 31, 2024 would have been approximately \$16.5 million if the full 60 MW program had been operational and if the final, approved Subscriber credits methodology had been in place during that time. Extrapolating that two-year cost over a 20-year period results in a nominal \$165.2 million net cost. Discounting that total by ENO's weighted average cost of capital of 6.70% results in a net present value of \$89.0 million cost to customers over 20 years. See Attachment 1.

**b. Forward-Looking Analysis**—To provide the Council with an additional perspective on the estimated magnitude of the costs that will be shifted to non-participating customers through the updated Subscriber credits, ENO also performed a 20-year forward-looking analysis. This analysis, included here as HSPM Attachment 2, is based upon the same model as was developed and refined through the stakeholder process in the Net Metering rulemaking in 2016. The model compares the estimated costs and benefits of the community solar program to determine whether a net benefit or cost to customers is expected to occur using forward-looking inputs.

See ENO's Illustration of the Community Solar Credits, filed August 30, 2024.

Docket UD-13-02; ENO Comments filed September 28, 2016.

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To calculate the energy costs associated with the Community Solar program, this analysis assumed 30 MW of CSG facilities would be online by 2025, with the remaining 30 MW coming online in 2026 and all projects operating throughout the 20-year term. As in the 2016 analysis, energy and capacity from the systems was assumed to degrade 1% annually starting in 2026. It assumed a 70/30 mix of ground mounted fixed/ground mounted single axis tracking systems since all applications received so far have been for ground mounted systems. The Subscriber mix was assumed to be 70% low income, with the other 30% being a mix of non-low income residential and commercial customers. Subscriber credits were projected under the updated Rider CSGF

methodology.

The analysis assumed four different benefits to electric customers—avoided energy, avoided capacity, avoided environmental costs, and avoided line losses.<sup>17</sup> For avoided energy benefits, Entergy's System Planning and Operation group ("SPO") provided the forward MISO Locational Marginal Pricing ("LMP") curve for the ENO load zone developed for use in ENO's Business Plan 2024 ("BP24"). For avoided capacity, SPO provided its forecast of MISO Planning Resource Auction ("PRA") clearing prices as well as its HSPM projection of Effective Load Carrying Capability ("ELCC") values for solar over the next 20 years. SPO provided its BP24 assumptions for avoided environmental costs, commencing in 2036. Avoided line losses were calculated using the values included in ENO's 2023 test year FRP filing.

Based on the assumed costs and benefits over the 20-year period from 2025-2044, the analysis estimates a total nominal cost of \$212.9 million to electric customers, which produces a

To the extent the projected BP24 cost inputs associated with any of the four benefit categories did not extend for the full twenty-year analysis period, ENO has extended the last available cost input through the remainder of the

twenty-year horizon using an annual escalation rate of 2% to account for future inflation.

NPV of \$111.1 million when discounted using ENO's 6.70% WACC.<sup>18, 19</sup> The relatively small number of participating customers<sup>20</sup> will receive monthly bill credits through their subscriptions to mitigate payment for their allocated share of the overall program costs. The majority of the costs identified above will effectively be shifted to non-participating customers, including many low-income customers who will not have the opportunity to participate, as ENO collects the amounts paid for Subscriber credits and administrative costs through the Fuel Adjustment Clause ("FAC").<sup>21</sup> The Company has calculated a customer bill impact based on the nominal, average annual net cost of approximately \$10.6 million estimated through the analysis. Collecting this net amount through the ENO FAC would add about \$1.84 to a 1,000 kWh residential customer's monthly bill, or over \$22 annually.<sup>22</sup> See Attachment 3. As previously noted, this shift in costs

ENO believes that using the forward MISO PRA prices represents the best assumption of avoided capacity value in this analysis since the PRA value reflects the auction revenue ENO would receive as the Market Participant each year for registering the 60 MW block of Community Solar projects. If, instead, the avoided capacity value were calculated using the cost of an avoided CT, as would be the case in an economic analysis comparing the cost of new resource options, the results would not be meaningfully different. The 20-year total nominal cost borne by electric customers would be \$204.2 million, a reduction of about \$8.6 million, with a NPV of \$108.5 million.

As has been stated, the Forward-Looking Analysis assumes the Program Capacity Limit remains at 60 MW-AC. Obviously, any increase to the Program Capacity Limit will drive significant additional cost shifts. For example, if the Program Capacity Limit were increased to 100 MW, the estimated 20-year nominal net cost would increase to \$326.0 million, or \$164.7 million NPV.

Depending on assumptions made about the Baseline Annual Usage ("BAU") of customers who seek to subscribe, and the number of commercial customers that may subscribe and claim a portion of the 60 MW program capacity, it is reasonable to project residential participation (low income and non-low income) of around 7,000-9,000 customers, or about 4%-5% of the residential class.

The Company also updated the estimated cost shift resulting from Net Energy Metering that was submitted in UD-13-02 in 2016. That analysis projected a nominal \$31.5 million cost (\$17.0 million NPV) to be borne by ENO electric customers over the 20-year period from 2016-2034. Starting with the current installed NEM base of approximately 52 MW and escalating that over time, using the PVWatts model results for rooftop solar output in New Orleans applying the same 1% annual degradation factor, and applying the same four types of benefits as offsets to the costs, the updated analysis estimated a nominal \$244.7 million net cost over the 20 year period from 2025-2044, or a NPV of \$124.7 million based on discounting at the Company's 6.70% WACC. Taken together, these two forward-looking analyses estimate a combined nominal net program cost of \$457.6 million (\$235.8 million NPV) from Community Solar and NEM will be absorbed by ENO electric customers over the next 20 years, most of whom will be non-participants in these programs. To the extent the Council wants to reduce the cost-shift associated with the NEM rules, the best way to accomplish that would be to move to a different compensation structure, *e.g.*, 2-channel billing, as has been done in numerous other jurisdictions such as Hawaii and California, and in the jurisdictions served by the other four Entergy Operating Companies.

ENO argued in its June 16, 2023 comments that it should receive the Renewable Energy Credits ("RECs") associated with energy produced by CSG Facilities so that it could retire them on behalf of all customers as part of its annual Renewable and Clean Portfolio Standard ("RCPS") compliance. Because the Council ruled in R-23-507 that

will benefit a small number of developers and a small subset of ENO customers. In fact, ENO estimates that only 7,000 to 9,000 customers (representing only 4% - 5% of ENO residential customers) might be able to participate in this program.

#### 2. Incremental Implementation and Administration Costs

The Company cannot, at this point, estimate with any specificity the costs required to implement consolidated billing given the unsettled state of the docket. Intervenors have filed numerous comments regarding what consolidated billing might entail, but more clarification will be needed to develop detailed process maps and thorough technical requirements to determine what application systems need to be configured, designed, and built in order to determine estimates of costs and reasonable timelines for implementation, as well as to provide an indication of the need for additional resources and employees.

Several intervenors have pointed to a consolidated billing model used in New York and suggested ENO should implement something similar. However, the New York community solar program, NY-Sun, stretches across six public utilities that together serve millions of customers. Net Crediting consolidated billing for New York was approved in December 2019 following an extensive stakeholder process in a separately docketed proceeding.<sup>23</sup> Over the next three years, the implementation of the net crediting model experienced difficulties, with the Commission noting in an Order that Staff had issued a report that, "recognized numerous ongoing billing issues related to utility billing of [Community Distributed Generation] impacting thousands of customers and generating confusion surrounding energy costs and [Community Distributed Generation]

ENO will not receive the RECs, customers will bear additional costs as ENO purchases unbundled market RECs to offset this locally generated renewable energy as part of RCPS compliance. Based on the energy production assumed in the analysis, and assuming a REC price that starts at \$2.25/MWh and escalates 2% annually, this unnecessary cost could total upwards of \$7.2 million (\$3.7 million NPV) over 20 years. The Company strongly urges the Council to reconsider this issue and either allow ENO to receive the RECs or modify the calculation of Compliance Load under the RCPS rules to exclude the annual energy generated by CSG Facilities.

New York Public Service Commission, Case 19-M-0463, Order, December 12, 2019.

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program benefits."<sup>24</sup> While it is not immediately clear what steps utilities took to address the

billing issues with net crediting, a "Solar for All" program has been adopted recently which seems

to limit participation to low-income customers and include different consolidated billing and

crediting processes.<sup>25</sup>

In short, the Council must determine whether it is appropriate to require ENO to attempt

to implement a billing model that has clearly been a challenge in New York, a much larger

jurisdiction, understanding that the costs for such implementation would be borne by the relatively

small number of customers in New Orleans, many of whom qualify as low income today.

Producing detailed scopes of work for IT system modifications and updated process maps will

entail a significant level of effort and cost and should not be undertaken until after the Council

makes a decision to further modify its Rules. If the Council decides to modify its Rules to require

consolidated billing, further direction from the Council is needed to establish requirements for a

consolidated billing framework to ensure all parties understand the capabilities and limitations of

ENO's systems and processes and to ensure ENO has sufficient information to produce detailed

estimates and implementation timelines that target completion by July 1, 2025, if feasible. The

Company would also need to conduct a procurement/bid process to get accurate external IT cost

estimates of billing system modifications as well as the automation of billing processes and regular

data exchanges between Subscriber Organizations and ENO.

As with system implementation costs, it is difficult to determine at this point the

incremental administrative duties that would be required under a consolidated billing model. In

earlier comments in this docket, the Company described in detail the reasons supporting the need

for an incremental full-time employee ("FTE") to serve as Community Solar Program Manager

New York Public Service Commission, Case 19-M-0463, Order, September 15, 2022, p. 3.

New York Public Service Commission, Case 21-E-0629, Order, May 16, 2024.

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("CSPM").26 The tasks and responsibilities identified there would presumably increase with the

adoption of consolidated billing. The incremental costs associated with this FTE, or any others

required to administer the Council's program, would be eligible for collection from customers

through an appropriate Council-approved ratemaking mechanism for the reasons described in

those earlier comments.<sup>27</sup> As with implementation costs associated with consolidated billing,

incremental administrative costs were not included the cost-shift analyses or bill impact analysis

discussed above; any ratemaking effects from collecting such administrative costs would be

incremental to the net costs and bill effects previously discussed. Even under the current Rules, a

significant amount of data is supposed to be exchanged between the Subscriber Organizations and

ENO every month regarding the current subscribers and their respective subscription amounts,

which ENO understands may fluctuate monthly.

While the Council's intent regarding consolidated billing remains unclear, ENO

understands the Subscriber Organizations may be free to change the subscription fee for each

project and Subscriber over time under consolidated billing. This means an even larger amount of

data would potentially be exchanged monthly between ENO and the owner of each Community

Solar Project under consolidated billing. Whether under the current Rules or consolidated billing,

the magnitude of data expected to be exchanged monthly raises significant concerns for ENO and

seems to present the potential for billing errors.

3. Legal Considerations

In addition to the accelerated and incremental financial burden that consolidated billing

will have on non-participating customers, including low-income customers, ENO further asserts

that consideration should be given as to whether the Council's directive for ENO to plan and

See ENO Responsive Comments to the Advisors, October 15, 2019, pp. 5-8.

27 *Id.* at 11-13.

implement consolidated billing would be consistent with the Council's lawful jurisdictional authority.

Recent jurisprudence has reinforced that the Louisiana Constitution does not authorize a regulatory body to dictate how utilities are to manage and operate their businesses. <sup>28</sup> In light of this limitation on regulatory authority, it does not appear that the Council has the authority to mandate that utilities such as ENO implement a consolidated billing program over the utility's objection. ENO's current billing system is a core function of the management and operation of its utility business. Various intervenors have requested that ENO change its current billing system in order to accommodate consolidated billing in the context of a Community Solar program. As discussed herein, their request represents a significant and costly change from the billing system that ENO uses to manage and operate its business.

If the Council were to require ENO to change its billing system for purposes of consolidated billing, that would infringe on ENO's right to determine how best to utilize its billing system and otherwise properly manage and operate its business. In addition, it would force ENO to engage in a costly and time-consuming process regarding a billing method that ENO's system does not currently support and that would require vast resources and expenditures to implement.

See e.g., Ruling (February 10, 2020), Beauregard Elec. Coop., Inc., et al. v. La. Pub. Serv. Comm'n, Docket No. 683, 388, Nineteenth Judicial District Court, Parish of East Baton Rouge, at 2-3 (vacating a Commission Order which, among other things, purported to mandate certain internal management-related activities of several electric cooperatives) ("The express language of the 1974 Louisiana Constitution reasonably interpreted does not allow the Commission the authority to dictate how a private company conducts its own business."); see also Missouri ex rel. Sw. Bell Tel. Co. v. Pub. Serv. Comm. Of Mo., 262 U.S. 276, 289 (1923) ("It must never be forgotten that, while the state may regulate with a view to enforcing reasonable rates and charges, it is not the owner of the property of public utility companies, and is not clothed with the general power of management incident to ownership."); 73B C.J.S. Public Utilities § 14 ("The power of the State to regulate the conduct and business of public utilities is limited by the consideration that it is not the owner of the property of the utility, or clothed with the general power of management incident to ownership, since the private right of ownership of such property remains and is not destroyed by the regulatory power.") (citations omitted).

The Council should not take away ENO's preferred billing method and supplant it with one favored

by various intervenors.

4. Recommendations to Mitigate the Cost Shift to Non-Participating Customers

In these comments, ENO has identified a significant and concerning cost-shift to non-

participating customers that will result from implementation of the Community Solar program as

defined by the Rules, even without consolidated billing. ENO understands the Council wants the

Community Solar program to help benefit low-income customers, in particular. However, the

current Rules will only allow approximately 4%-5% of ENO customers to participate, while all

ENO customers will pay significantly more. This potential participation rate will be much lower

if larger commercial (or industrial) customers are allowed to enroll as anchor customers in CSG

projects.

If the Council were inclined to take a step back and consider potential options, the Rules

could be modified to simplify and reduce costs of the Community Solar program for all involved.

To that end, ENO has identified two key modifications for the Council to consider:

a. Reduce the program capacity limit (e.g. from 60 MW to 20-30 MW) and limit

participation to low-income customers.

**b.** Reduce payments to Subscriber Organizations, either by changing the CSG credit rate

methodology in the Rules or by incorporating a competitive process to select CSG

projects that can be built at the lowest cost to all customers.

If enacted, these changes would preserve a path forward for a Community Solar program in New

Orleans that also reduces costs to be borne by all customers and would ensure the program is

targeted to low-income customers, the subset of customers that the Council has stated it wants the

program to benefit.

#### **CONCLUSION**

For the reasons discussed herein, ENO respectfully submits that the Council should not amend its Rules to require the implementation of consolidated billing. A mandate for ENO to change its billing processes to accommodate consolidated billing would result in an accelerated increase in costs borne by non-participating customers, including low-income customers, which would be fundamentally unfair and burdensome. However, in the event the Council decides to further modify its Rules to require the implementation of consolidated billing, then further stakeholder processes will be necessary to define the parameters of the framework such that ENO can develop appropriate estimates of costs and updated processes to administer it. ENO also encourages the Council to revisit certain aspects of its Rules to ensure fairness in the overall program design and a reduction in the estimated cost-shift identified in the Company's updated analyses.

Respectfully submitted,

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# CERTIFICATE OF SERVICE <u>Docket No. UD-18-03</u>

I hereby certify that I have served the required number of copies of the foregoing pleading
upon all other known parties of this proceeding individually and/or through their attorney of record
or other duly designated individual, by: \( \subseteq \text{ electronic mail}, \subseteq \text{ facsimile}, \subseteq \text{ hand delivery, and/or} \)
by depositing same with overnight mail carrier, or the United States Postal Service, postage
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