

Con Edison Non-Wires Solutions Response to RFP Clarification Questions

Note: New clarification questions and answers have been included in this document. The deadline for submission of proposals in response to the Newtown RFP is August 31, 2018.

Section ID

- A- Contract**
- B- DERs**
- C- Eligibility**
- D- Evaluation**
- E- Existing Programs**

- F- Financial**
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- K- Program Agreement**
- L- Timeline**
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- N- Utility-Sited Solution(USS)-
Plymouth**

<u>ID</u>	<u>Date Last Modified</u>	<u>Category</u>	<u>Question</u>	<u>Response</u>
A1	5/19/2017	Contract	Are contracts transferable after Con Edison and the Respondent have entered a contract?	Contracts will not be transferrable unless there is written approval from Con Edison.
A2	5/19/2017	Contract	Once proposals are selected, will projects have the flexibility to make changes during design phase to project scope/size to fulfill and/or optimize load reduction and ancillary benefits (i.e. changes to equipment sizing, addition and/or substitution)?	Once projects are selected, the Company will engage with selected respondents to finalize project scope and contract terms. Project scope will be considered when developing portfolio of solutions to achieve need.

A3	5/19/2017	Contract	Is there any flexibility in proposal pricing or is pricing given expected to be final?	Unit Cost is among the evaluation criteria. As such, proposal pricing is expected to be final. If a window of pricing is needed before customer acquisition is finalized, please provide the expected range. Each solution will be evaluated at the highest cost proposed to ensure the final portfolio has a positive Benefit Cost Analysis.
A4	5/19/2017	Contract	Do all projects need to meet the target MW value? If not, what's the minimum project award size?	Individual projects are not required, or expected, to meet the target MW value. There is no minimum project award size.
A5	12/1/2017	Contract	Much can change between the date of this solicitation and both the required commercial operation date and the end date of the contract. Because of this there is risk that property owners that express interest in participating in a program today may not be able to participate in the future due to changing occupancy, market conditions, or ownership. Provided that a given asset utilizes the same technology, is applied to a customer with a similar load profile, and is in the same geographic area), would a party be allowed to substitute replacement sites over the lifetime of this process?	Contracts may be awarded to provide load reduction in the areas of need identified. If customers change, the Company will need to be notified and provide approval, which will be specified during contracting.
A6	5/19/2017	Contract	Do we need to provide specific service accounts upon application, or can we go out and find customers?	Customer commitments are highly favored; however, Con Edison understands that Respondents need time to find customers upon the award of contracts. This should be specified in the proposal in timeline for implementation.
A7	7/30/2018	Contract (NEW)	Is the commercial model for this project limited to third party ownership or is utility ownership also an option?	For the purpose of this NWS solicitation, Con Ed is requesting proposals for a third party owned system.
A8	7/30/2018	Contract (NEW)	Is it correct to understand that the submitted proposal is on a non-binding basis?	Proposals submitted in response to an NWS RFP are non-binding.

A9	7/30/2018	Contract (NEW)	Considering the load relief is to commission in 2022 and new battery energy storage systems would be available in the market from the point of contracting, can the model of the battery energy storage system to be used be changed after contracting?	Any changes requested by a Respondent to an existing executed contract are subject agreement by Con Edison. Written consent from the Company will be necessary prior to implementation of any changes.
B1	5/19/2017	DERS	Is this an opportunity that allows us to include demand response load for existing customers in both SCR and Con Ed Rider T programs (i.e. could loads already participating in SCR and Rider T programs engage in these proposed periods simultaneously)?	The traditional solution is needed with all existing Demand Response participation already factored in. Therefore, solutions proposed for this solicitation must be new load reductions not currently participating in other programs.
B2	5/19/2017	DERS	For a demand response resource, how many events might be called? How might a demand response resource be called upon in the context of these two RFPs?	Respondents are encouraged to propose how their recommended solution will be implemented for the need identified in the specified areas. Solutions that offer more availability for load reduction will be prioritized.
B3	5/19/2017	DERS	Is this a dispatched asset program? If so how many days per year are it expected to be dispatched?	The solution is required from May 1st to September 30th each summer after the need year. Solutions that provide the most flexibility and availability during this time will be prioritized. The Company encourages all Respondents to propose what their solution is capable of providing in as much detail as possible.
B4	5/19/2017	DERS	For demand response projects that involve the upfront investment of equipment (backup generators and/or energy efficiency) will Con Edison be making incentive awards upfront towards project capital costs or performance payments over the tenor of the program (capacity and/or utilization on a \$/MW basis)	The Company anticipates that non-wire solution incentives will be performance based and will be contracted on a \$/MW basis, however is open to discussing proposed upfront incentives to address capital needs.

B5	5/19/2017	DERS	For projects that aim to implement a range of demand response activities (on a single site) will the program provide incentives for both backup generator enabled demand response as well as conventional load curtailment?	The Company will consider all proposed incentive structures, and welcomes solutions that lower the total cost of load reduction.
B6	5/19/2017	DERS	If curtailment opportunities using technologies that are not specifically identified in a response to the RFP are identified after award is there flexibility to accept those or is the award limited to those technologies/solutions identified in the response to the RFP?	Development of a portfolio of solutions to achieve load reductions will be determined based on the solutions that have been submitted through the RFP.
B7	5/19/2017	DERS	Could AC upgrades/thermal storage be submitted?	Yes. Respondents are encouraged to submit all solutions that will help reduce load in the identified need areas.
B8	5/19/2017	DERS	<p>Some asset classes have variable capacity impacts at different ambient air temperatures, while others like fuel cells and batteries are largely temperature independent. Within the realm of temperature dependent assets, some (such as micro turbines) have an inverse performance relationship with ambient conditions, with high power output at low ambient air temperatures lower power output at high ambient air temperatures. Other types of assets (such as thermal energy storage) are directly related to ambient conditions, with low capacity at low temperature and high capacity at high temperature.</p> <p>a. Is Con Edison willing to enter into contracts to pay for capacity from temperature dependent assets based upon the “worst case” temperature (what is typically called a 1-in-10 heat storm event)?</p> <p>b. If so, what is the reference temperature in terms of both wet bulb and dry bulb that should be used?</p>	<p>The RFP is open to all DER approaches that display the potential to provide load relief in the areas identified. The needs will be at times of high temperature, solutions will be needed to address high temperatures. Con Edison designs system peak need around an average of wet and dry bulb temperatures of 87 degrees.</p>

B9	5/19/2017	DERS	Are the assets assumed to be dispatchable? If so, what is the required response time of the asset from dispatch to full performance?	The RFP is open to all DER approaches that display the potential to provide load relief in the areas identified. Response time on dispatchable resources will vary depending on the technology and must be specified when proposing a solution.
B10	5/19/2017	DERS	Can we use a front of the meter (grid-tied) asset to address the need?	At this time, front of the meter (grid-tied) assets to address the need is not being considered
B11	12/1/2017	DERS	What does CSS mean?	Customer-Sided Solutions
B12	1/4/2018	DERS	Will gas generators be allowed to backfeed for the NWS program?	SC11 allows "Qualifying Facilities" and technologies covered under Public Service Law section 2(b). Those technologies include: PSL Section 2 excerpt: The term "alternate energy production facility," when used in this chapter, includes any solar, wind turbine, fuel cell, tidal, wave energy, waste management resource recovery, refuse-derived fuel, wood burning facility, or energy storage device utilizing batteries, flow batteries, flywheels or compressed air, together with any related facilities located at the same project site, with an electric generating capacity of up to eighty megawatts, which produces electricity, gas or useful thermal energy." Any of these that can provide demand relief needed, under these specific conditions, will be able to backfeed.
B13	2/1/2018	DERS	For each dispatch event, how many days or hours of advance notice will the assets have?	Dispatch events will follow the existing CSRP program notification rules. 21 hour advanced notice.
B14	7/30/2018	DERS (New)	Will Con Edison offer own land for the installation of energy storage?	The Company will not offer its own land for installation of energy storage for the Newtown RFP. This Newtown RFP is seeking customer-side solutions.

B15	7/30/2018	DERS (New)	If the energy storage is connected directly to the Newtown substation, will outgoing feeders have sufficient capacity to deliver this power to the load?	All RFPs, unless otherwise noted, are seeking customer-sided solutions.
B16	7/30/2018	DERS (New)	Could you please provide every year MWh obligation to be delivered during relief events (days when the relief will be required)?	Please refer to B2 and B3. For modeling purposes, we ask that Respondents assume the devices will be called upon for a total of 20 days in the summer period (May 1-September 30). Respondents should specify the maximum number of times the proposed solution will be available to provide load reduction.
B17	7/30/2018	DERS (New)	Could you please provide how many times the relief events will be required per year?	Please refer to B16.
B18	7/30/2018	DERS (New)	How far in advantage will we receive notice of dispatch? Day Ahead? 2 Hour ahead?	Please refer to B13.
B19	7/30/2018	DERS (New)	For solutions based on energy storage in front of the meter (IFOM), how will the charged energy will be settled? How will the auxiliary consumption energy will be settled?	Please refer to B10.
B20	7/30/2018	DERS (New)	Is there space at the transformer/substation to house a battery system? Does Con Edison have other locational needs for siting the proposed solution?	Please refer to B16.
B21	7/30/2018	DERS (New)	In the responses to previous RFP clarifications (see B2), can you please confirm that for the Newtown RFP, existing customer participation within either the Con Edison Rider T programs or the NYISO SCR program will not be considered to be new sources of load relief? Given that the NYISO SCR program may or may not be dispatched during coincident time periods as necessary under the Newtown project, why would existing customers participating in NYISO SCR not be considered?	Please refer to B1. This response applies to the Newtown RFP and all NWS RFPs.

C1	5/19/2017	Eligibility	Are customers with existing or recently installed load reduction projects (i.e. CHP and energy efficiency) eligible to participate in the program? If not, what is the expected install/start-date for load reduction projects (i.e. CHP and energy efficiency) to be eligible under the program? (There are customers now considering projects and guidance may impact implementation).	Only new projects are eligible. The start date is subject to the contract executed between Con Edison and the awarded vendor(s).
C2	5/19/2017	Eligibility	If given a customer account, can you identify if it is in the identified area and eligible to participate in the program?	To determine if a customer is eligible please send the customer account number, customer name, and address to DSM@coned.com for verification. Customer account number is a requirement for verification.
C3	5/19/2017	Eligibility	Could load relieving projects that are currently underway in the targeted regions be eligible for the RFP?	No, only new projects that provide new load reduction will be eligible for the RFP.
C4	5/19/2017	Eligibility	Are customers with existing backup generators eligible to participate in demand response (provided they are compliant with other regulations)?	Yes, customers with existing backup generators that are not currently enrolled in other Demand Response programs are eligible to participate as a solution to this RFP, providing they are compliant with other regulations.
C5	5/19/2017	Eligibility	Is there a way to inquire about customer eligibility in situations where the customer is located on the street that forms the RFP boundary? For instance, would it be possible to confirm customer location is included in the RFP by using their street address and/or Con Edison account number without publically disclosing that information?	All projects within the boundaries are eligible. To determine if a customer is eligible please send the customer account number, customer name, and address to DSM@coned.com for verification. Customer account number is a requirement for verification.
C6	12/1/2017	Eligibility	Regarding the heat map on pg. 24... Is the Navy Yard part of these feeders? How should we account for the bleeding that occurs at the edges, especially where it hits the east river and overlapping with Navy Yard. It's not clear if this should be ignored or considered.	Please ignore the bleeding of the heat map into the river and over the network lines; those areas are outside the targeted zones. To determine if a customer is eligible please send the customer account number, customer name, and address to DSM@coned.com for verification. Customer account number is a requirement for verification.

C7	2/1/2018	Eligibility	The RFP asks for financial statements for the past three years. Will Con Edison accept proposals from contractors who have been in operation for less than 3 years?	Con Edison is open to reviewing proposals from contractors who have been in operation for less than 3 years.
D1	5/19/2017	Evaluation	If Con Edison is looking at a portfolio solution for the NWA, how will Con Edison weight proposals for various years? Are proposals with longer durations preferable over shorter durations?	Availability and Reliability are among the evaluation criteria. Solutions that provide permanent load relief will score higher in these areas. Temporary load reductions should be available for at least 3-5 years.
D2	5/19/2017	Evaluation	The RFP evaluation process will consider Total Cost, and \$/MW at peak. Can you please define \$/MW at peak? Is it simply total cost divided by MW provided for the measures up to the amount requested in the NWA? In other words, if a proposal costs \$8million to provide the requested 4MW is that \$2M/MW at peak?	The "\$/MW" value is calculated by dividing the proposed total cost of the non-wires solution by the expected MW reduction at the peak hour.
D3	5/19/2017	Evaluation	Will selection be made on a least cost basis or will there be an intentional diversification? How will risk and cost be traded off against each other?	The Company may evaluate all measures in aggregate in a manner that considers the overall benefit based on the criteria set forth in this RFP. Evaluation criteria are listed under Proposal Criteria in the RFP.
D4	12/1/2017	Evaluation	How will Con Ed weight the different criteria articulated in the Table on p.11 under "Proposal Criteria" when evaluating bids?	The criteria will be utilized when evaluating each proposed solution. Weighted values for each criteria will not be disclosed.
D5	2/1/2018	Evaluation	Will Con Edison preferentially treat bids that provide the entire solution for the project over multiple bids that can meet the solution?	The Company may evaluate all measures in an aggregate manner and develop a portfolio of diverse solutions that considers the overall benefit based on the criteria set forth in this RFP. Evaluation criteria are listed under Proposal Criteria in the RFP.

D6	2/1/2018	Evaluation	How would Con Edison prefer responders indicate within the Attachment A Questionnaire that their resources are incremental over time (i.e. the resources will continue to grow, for example by acquiring new customers over the length of the contract)? Is it preferred to depict each incremental year of customer growth as a new resource if it provides increased capacity?	Each incremental year of customer growth can be depicted as a new resource if it provides increased load reduction. In the second round of NWS RFPs an in service date column was added in the questionnaire. Each separate row should present incremental add year over year.
E1	5/19/2017	Existing Programs	Can we confirm that the networks for the new Non Wireless Alternatives RFP's would be the same networks as in the Demand Response program?	Yes- the networks identified are in the Company's Demand Response programs.
E2	5/19/2017	Existing Programs	Do the networks for this RFP map to the same networks identified for Con Ed Demand Response? It is hard to determine the exact network based on the map included in the RFP.	Yes- the networks identified are in the Company's Demand Response programs.
E3	5/19/2017	Existing Programs	Con Edison has at least 2 existing DR programs in its underground networks. a. Where can we find information regarding these exiting programs? b. How much DR is already in place at each of the 2 networks?	Con Edison's demand response programs can be found here: https://www.coned.com/en/save-money/rebates-incentives-tax-credits/smart-usage-rewards
E4	5/19/2017	Existing Programs	Can you do this program with the DMP program?	Respondents may propose participating in other programs, however, incentives for these projects will be provided for load reductions and requirements specified in the identified area for new load reductions only.
E5	5/19/2017	Existing Programs	Can you do it with BQDM, CSR, and DLRP?	Only new load reductions, not currently installed or currently participating in other programs, are eligible as a non-wire solution.
E6	5/19/2017	Existing Programs	Are assets / customers restricted from participating in any NYISO / Con Edison DR programs if they are committed to this program?	Respondents may propose participating in other programs, however the Company expects these new assets to be available during the times outlined in the RFP and will require a firm commitment during contract negotiations.

E7	12/1/2017	Existing Programs	It sounded from the webinar that Con Ed has preference for which NYISO programs the proposals will participate in when not used for Con Edison load reduction—can you provide any insight on what these preference might be?	Respondents who are able to leverage other sources of revenue, thereby lowering Con Edison's incentive payment, will be more likely to be selected. However, Con Edison will require right of first-dispatch during the summer period.
E8	7/30/2018	Existing Programs (New)	Would the system be capable of serving wholesale markets at this POI?	At a minimum, one test event will be called each summer period in accordance with Con Edison's Demand Response program. NWS solutions are expected to participate in the test event. Further information on the test event and duration is in DR Program Guidelines: https://www.coned.com/en/save-money/rebates-incentives-tax-credits/rebates-incentives-tax-credits-for-commercial-industrial-buildings-customers/smart-usage-rewards
E9	7/30/2018	Existing Programs (New)	Will customers providing new load relief by participating in the Newtown program have any requirements or restrictions around participating in the other Con Edison Rider T programs (DLRP, CSR) simultaneously?	In 2017, there were no substantive DR enrollments in the Sunnyside network.
E10	7/30/2018	Existing Programs (New)	Will there be a testing requirement if no load relief events are called during a particular year? If so, what is the planned duration of the test?	For dispatchable resources, Respondents are may propose alternate baseline methodologies however Con Edison has the right to use existing baseline methodologies if necessary.
E11	7/30/2018	Existing Programs (New)	In Con Edison's 2017 Report on Program Performance and Cost Effectiveness of Demand Response Programs, there is data presented that shows the Borden Network's 2017 forecasted network peak and DLRP and CSR participation within the Network. It does not appear that similar data is available for the Sunnyside Network. Can that data be made available?	Please refer to E6.
E12	7/30/2018	Existing Programs (New)	What baseline methodology will be used to verify load reductions? The same one currently in place for the existing Rider T programs? Is there an opportunity to propose alternate baseline methodologies?	New load relief customers may participate in existing programs simultaneously, however the Company will require right of first-dispatch during the summer period for the non-wires solutions.

F1	5/19/2017	Financial	For demand response projects, does Con Edison anticipate awarding a single \$/MW price based on results of this RFP for all projects under the program or will unique incentives be created for each respondent under the RFP?	If Demand Response is included in the final portfolio each solution will be contracted individually with the provider. All other considerations being equal, the providers with the lowest proposed cost are more likely to be included in the final portfolio.
F2	5/19/2017	Financial	For demand response, how are the \$/MW payments intended to be structured, are these on an annual basis and based on capacity or utilization?	The Company expects this could vary based on the type of solution proposed and is therefore not prescribing the details for Demand Response. Respondents are encouraged to propose an arrangement that provides the most benefits for them, the customer, and the Company, at the lowest possible cost.
F3	5/19/2017	Financial	At what stage in the process will load reduction commitments (with associated liquidated damages) be made (i.e. upon award of this solicitation or after initial program marketing and customer signup)? Will commitments be made or administered at a portfolio or a project level for respondents with multiple projects?	Commitment timelines will be finalized during contract negotiations; Con Edison will generally seek firm financial commitments upon contract execution.
F4	5/19/2017	Financial	Considering the price of installation and equipment varies significantly between sites, will the award be flexible based on the project cost or bound by a \$ per MW or MWh?	Unit Cost is among the evaluation criteria. As such, proposal pricing is expected to be final. If a window of pricing is needed before customer acquisition is finalized, please provide the expected range. Each solution will be evaluated at the highest cost proposed to ensure the final portfolio has a positive Benefit Cost Analysis.
F5	5/19/2017	Financial	Can the submission leverage funding from NYSERDA or other state or federal sources?	Projects may propose leveraging funding from state or federal sources. Note: Unit cost and execution risk is among the listed Proposal Criteria. As such, if unit cost is dependent on funding from other sources, execution risk may be negatively impacted.
F6	5/19/2017	Financial	For projects that become operational before the Summer need year, will the financial incentives be made available; will this impact a projects access to the full tenor of the program?	The Company anticipates that non-wire solution incentives will be performance based and will be contracted on a \$/MW basis. If alternative incentive structures are required to make a project viable, please include the details in the proposal.

F7	5/19/2017	Financial	Is the pay for performance only based on load reduction from summer or all year round?	Pay for performance is based on load reduction during the summer from May 1 to September 30 and hours specified in Project Description.
F8	5/19/2017	Financial	Will proposers be compensated if their final demand reductions exceed their proposed goals?	Proposers will be awarded incentive payments up to contracted capacity.
F9	5/19/2017	Financial	Please describe the process for the security against underperformance as it relates to a provider who will provide a suite of solutions/products vs. a single project applicant.	The applicant will provide security against underperformance for the aggregate total of their solutions. Liquidated damages will be assessed per project then applied to the security.
F10	5/19/2017	Financial	Are letters of credit required for every customer planning to participate or can one letter of credit be submitted by the proposer?	Only the applicant will be required to provide a letter of credit.
F11	5/19/2017	Financial	Is the security provided by the respondent calculated based on the annual contracted capacity or the contracted capacity over the entire duration of the project (e.g. for a 2.25 MW project with a 5 year duration, is the security calculated based on 2.25 MW or 11.25 MW-yrs.)?	Generally, it is expected that the security will be calculated based on annual contracted capacity, to be adjusted before start of each contracted year.
F12	5/19/2017	Financial	If it is the latter, will the security be discounted due to the same resource being provided for each of the years?	Generally, it is expected that the security will be calculated based on annual contracted capacity, to be adjusted before start of each contract year.
F13	5/19/2017	Financial	When do we get paid? Before or after installation?	Incentives will typically be paid after load reductions have been verified. Disbursement schedule of incentives will be specified during contracting. If alternative financial arrangements are needed to make a project viable, please explain what is being sought, and the reason for the exception.
F14	5/19/2017	Financial	What is the earliest that Con Edison will release payments for measures that are implemented? On what basis are the payments released?	Incentive will typically be paid after load reductions have been verified. Disbursement schedule of incentives will be specified during contracting.

F15	5/19/2017	Financial	Does Con Edison have a preferred pricing structure for the contract in mind? The RFP lists examples of shared savings, performance contract, lease-purchase and power purchase agreement.	Con Edison is open to reviewing all pricing structures for the contract between the respondent and customer. Disbursement schedule of incentives will be specified during contracting.
F16	5/19/2017	Financial	Will low or zero capital investment required, by either Con Edison or the proposer, be a positive or negative evaluation factor?	Low or zero capital investment from either customer or Con Edison is not required. The intent of the RFP is to find the most cost effective measures that would provide load relief in the targeted area.
F17	5/19/2017	Financial	What is the estimated Capex and Pox 'Wired' solution to cost the ratepayers should the NWA RFP satisfy the need on time?	The goal of the non-wires solution is to defer traditional solutions; if the need is satisfied on time there will be no traditional spend.
F18	12/1/2017	Financial	The RFP proposal criteria requests total cost, incentive requested, and \$/MW at peak. In the BQDM results, it was listed between \$215/kW/year to \$988/kW/yr. Are you requesting both an incentive on a per kW/yr. basis as well as a \$/MW for peak injection of power?	<p>The \$215/kW/year and \$988/kW/yr. was solely for the BQDM Demand Response solution.</p> <p>Customer-sided solutions questionnaire requests total cost as well as total incentive requested for the proposed solution, among other items. One of the solution review criteria is to analyze the \$/MW of the proposed solution.</p> <p>The utility-sited solution is requesting the reliability payments that a Respondent may request annually for the six year period that the asset will be operational.</p>
F19	12/1/2017	Financial	For the incentive requests on a \$/kW/year is this for 10 years similar to the LSRV or for the life of the project (20 or 25 years)?	Customer sided solutions are requesting total incentives (a singular dollar amount) for the proposed solutions. For USS the request will be the annual incentive request during the six year period that the asset will be operational. Please ensure the Solution questionnaire is fully completed for all projects.
F20	12/1/2017	Financial	Do you publish the "wires" price that we are trying to better anywhere? For a long duration battery where we pay per MWh we want to make sure that we are better than your per MW cost of "wires"	The cost of the traditional solution will not be published.

F21	12/1/2017	Financial	Is any information available for cost of traditional transformer cooling solution to enable performers to proactively perform BCA calculations?	The cost of the traditional solution will not be published.
F22	12/1/2017	Financial	<p>As referenced on page 7 of the RFP, projects selected for implementation will be required to provide 'financial assurances' that the system is completed, and there will be 'underperformance penalties' in the event the system does not perform:</p> <p>Can you please provide more details on what form, and to what level of coverage, Con Ed will require 'financial assurances' for projects to be completed?</p> <p>Liquidated damages are mentioned as compensation for project 'underperformance' on Page 17. Under what conditions, and at what rate will LDs be charged for underperformance, or is that up to prospective bidders to propose?</p>	Please refer to F9 - F12
F23	12/15/2017	Financial	Can you share any info on costs/budgets for NWS?	The total savings for the traditional solution deferral is not being released, as this is an option that is considered in the competitive bid. Further clarification of the value of other benefits can be found in the BCA Handbook.
F24	2/1/2018	Financial	Can Con Edison provide the total cost of the wires-based solution for each project area?	It has been Con Edison's experience in previous solicitations that project costs have been inflated when the traditional costs are known; therefore, the Company will not be releasing this information at this time.
F25	7/30/2018	Financial (New)	Could Con Edison please provide a cost estimate for the traditional infrastructure project it is looking to defer through the Newton NWA initiative? An understanding of avoided cost is critical for developers to provide the most cost-effective solution given the	Please refer to F20.

			procurement constraints.	
F26	7/30/2018	Financial (New)	Will there be performance payments for observed load reductions when load relief events are activated under the contract in addition to the contracted \$/kW of capacity?	Please refer to F2.
F27	7/30/2018	Financial (New)	Please confirm that furnishing of security is not necessary at the point of proposal submission. When is the exact timing for the security furnishing?	Security is not required at the point of the proposal submission. The security requirement will be collected following contract execution with the selected solution providers.
G1	5/19/2017	Load Relief	For Respondents proposing to market the installation of DER measures to customers, is the expectation that respondents will identify in the questionnaire the size of the total addressable market (total potential capacity by customer type) or should respondents identify the expected market share they aim to deliver within each customer type?	Respondents should identify the customer segment that its DER solution would target, and the expected market share.
G2	5/19/2017	Load Relief	Is there a required minimum reduction quantity (i.e. 50 kW) to submit a proposal?	There is no minimum load reduction quantity requirement per proposal.
G3	7/30/2018	Load Relief	How many days a year does this reduction occur? Just during the summer season? Just weekdays? Will the events be called or pre-determined?	The performance period is during the summer from May 1 to September 30. Parties will receive advanced notification of when events will be called, which may occur on weekends as well as weekdays.
G4	12/1/2017	Load Relief	If we were to propose a community solar project sited within these areas, what would be the compensation received? Would it be the value stack minus the LSRV and plus the incentive requested?	Yes, the LSRV would be removed from the value stack for compensation for that project. In addition, the total MW remaining available for that LSRV zone would be reduced by the MW reductions achieved in the NWS portfolio.

G5	12/1/2017	Load Relief	Will Con Ed be providing hourly load data not only for the worst day of the year, but for all days of the calendar year so that performer can estimate the value of other prospective revenue streams?	Con Edison is providing the load profile for the peak day in the summer period, specified in each project description in the RFPs.
G6	12/1/2017	Load Relief	Will Con Ed be providing hourly load data not only for the worst day of the year, but for all days of the calendar year so that performer can estimate the value of other prospective revenue streams?	Respondents are required to submit the hourly impacts of their proposed solutions. The highest peak hour and peak period has been identified in the RFP as well as the representative profile for each need.
G7	12/15/2017	Load Relief	Does ConEd value kVAR injection in the circuits in question as much as kW? Would active power factor correction technology designed to take individual sites to unity, or near unity power factor at the point of common coupling assist in unloading the feeders during times of excessive loading?	For Utility-Sited Solutions, participants are not obligated to produce reactive power, provided that Customer shall comply with Con Edison's specification of reactive power requirements. Potential compensation for reactive power will be negotiated during the contracting process. For Customer-Sided Solutions, the Company is not seeking reactive power support.
G8	2/1/2018	Load Relief	As it was not specifically stated in this RFP, shall we assume that the dispatch period for this project is the same as the other NWA projects: summer period between May 1st - Sept 30th and on weekdays only?	The solution is required from May 1st to September 30th each summer after the need year. Solutions that provide the most flexibility and availability during this time will be prioritized. The Company encourages all Respondents to propose what their solution is capable of providing in as much detail as possible.
G9	2/1/2018	Load Relief	Are there any limits on the # of hours and/or # of days that these assets will be called on by Con Edison for this program?	Respondents are encouraged to propose how their recommended solution will be implemented for the need identified in the specified areas. Solutions that offer more availability for load reduction will be prioritized.
G10	2/1/2018	Load Relief	What years are Con Edison looking to procure resources for the Flushing Cable Crossing Project (i.e., what is the "Need Period" for the project)?	Con Edison is looking to procure resources and have them in place before the start of the 2019 Summer Capability period. Solutions proposed may be permanent reductions or limited in the duration and number of times it may be deployed. Respondents may propose length of time solutions can be in place for those that provide temporary load reductions. In general, the Company is looking for 3-5 years of load

				relief for Flushing, and the longer a solution is available the more likely it will be incorporated into the final portfolio.
G11	7/30/2018	Load Relief	Do both the Flushing Cable Crossing Project and the West 42nd St Project have a need for all 12 months in the year?	The performance period is during the summer from May 1 to September 30.
G12	7/30/2018	Load Relief (New)	Will the new 138kV feeder be required to serve load growth in the network? Or is the transformer addition in the substation the only required upgrade? Is the substation the bottleneck or are the outgoing feeders also overloaded?	The traditional solution for this non-wires project includes both the installation of a transformer and a new 138kV sub-transmission feeder. A successful non-wires portfolio will provide load relief in the network and help alleviate these specific system constraints.
G13	7/30/2018	Load Relief (New)	Will the relief required be applied only in the summer or also the winter?	Load relief will be required to be available from May 1 through September 30th for each NWS project.
G14	7/30/2018	Load Relief (New)	2. Could Con Edison please clarify the maximum resource need within a specific performance event, in terms of energy capacity/duration (MWh)? For instance, if the contractual requirement in 2022 were to be 4 MW for a duration of 6 hours (12 PM – 6 PM), the total energy required would be 24 MWh. By contrast, if the contractual requirement were to be up to 2 hours within the 6 hour window, the energy requirement would be 8 MWh, with a corresponding decrease in cost and/or complexity for most resource types.	Respondents are encouraged to demonstrate different configurations that they are able to provide and that best suit the overload period identified in the RFP. Please note in the RFP and Questionnaire when configurations are from the same system or a different solution is proposed.
G15	7/30/2018	Load Relief (New)	3. Based upon the timeline outlined in the RFP for need for load relief beginning in 2022, is Con Edison open to proposals that provide for reimbursement to DR provider during the initial 2019-2021 roll out period for facility DER equipment installations / program marketing expenses associated with Newtown project in any of the preceding years? Or is the only option for monetizing load relief in advance of 2022 through the other DR programs?	The NWS program is a performance-based program and incentives will be provided for the installation and operation of solutions during need years. Respondents can propose incentive structures that may best suit them and/or the Customer for the Company's consideration.

G16	7/30/2018	Load Relief (New)	4. Does the program season cover May 1 through September 30 each year? Is this expected to be for every day, or exclude weekends and holidays?	The program season will cover May 1 through September 30 for the need years identified in the RFP. Event days can be called on weekdays or weekends with 21 hour advance notification.
G17	7/30/2018	Load Relief (New)	5. Will dispatches under the contract cover the full 6-hour period defined under the Overload Period? Does Con Edison expect to call for load relief outside of the Overload Period?	It is not a requirement that each identified DER in the proposal provide relief for the full duration of the Overload Period. Respondents are encouraged to provide a solution or solutions that provide load relief during part or all of the Overload Period. Con Edison does not expect to call for load relief outside of the identified NWS overload period.
H1	5/19/2017	M&V	We assume that Con Edison is monitoring load impacts at the substation or distribution feed level, but this will not provide the granularity to understand the locational impacts that individual DERs are having on the grid. Knowing the load shape impacts that individual DERs are having on the grid will allow Con Edison to optimize the DERs being deployed to produce the load shapes that are desired in each location. Does want to use Advanced M&V to measure the actual load shape impacts that certain DERs have vs relying on expensive data loggers or potentially inaccurate engineering or deemed savings estimates?	Measurement and verification will be required for all solutions that will be implemented and will vary depending on solution type. Load shapes will be important for building portfolio of solutions to address load relief needs. The appropriate M&V protocol will be confirmed and verified during contracting for each solution selected.
H2	5/19/2017	M&V	Are these NWA projects critical for Con Edison to meet the system efficiency and/or energy efficiency EAM targets that were established in the rate case? If so, is planning to conduct M&V on these projects using a top down method or traditional programmatic bottoms up EM&V to assess the impacts of the DER's deployed? How will the development of the values of specific DER's impact other studies that need to be completed to fulfill the M&V needs described in the EAMs?	The non-wire projects are implemented to defer building traditional solutions. These projects are not a component of the programmatic EAMs but will be considered as contributing to outcome based EAM targets. Con Edison plans to conduct rigorous M&V to verify hourly load reductions for each solution, which will be finalized during contracting.

H3	5/19/2017	M&V	Does the M&V solution have to conform to utility-grade metering?	M&V requirements for selected solutions will be specified during contracting.
H4	5/19/2017	M&V	Will recommend an M&V vendor or are the sites/aggregators responsible for seeking out an M&V vendor who is able to meet set requirements?	Responses to the RFP must contain a detailed measurement and verification (“M&V”) plan for verifying the solutions load reduction. Independent M&V may be performed at the Company's discretion. M&V requirements for selected solutions will be specified during contracting.
H5	5/19/2017	M&V	What are the M&V requirements for the program? Will the projects be required to undergo a pre-implementation and post-implementation inspection by Con Ed’s third-party M&V provider to verify work was completed and the system is operational?	Responses to the RFP must contain a detailed measurement and verification (“M&V”) plan for verifying the solutions load reduction. Independent M&V may be performed at the Company's discretion. M&V requirements for selected solutions will be specified during contracting.
I1	5/19/2017	Metering	Will AMI or monthly data be used to establish the value of the DER measures installed in the NWA territory? How will Con Edison make this data available to the DER provider?	Meter data from the Advancement Metering Infrastructure rollout is currently not available in the networks identified under the RFPs.
I2	5/19/2017	Metering	If sites are not equipped with an interval meter, will an interval meter both at the generator level and facility’s load level be required for projects that implement backup generator enabled demand response?	A facility-level interval meter is required for participating in Demand Response. Please refer to the Commercial Demand Response Program Guidelines <Link: https://www.coned.com/-/media/files/coned/documents/save-energy-money/rebates-incentives-tax-credits/smart-usage-rewards/commercial-dr-program-guidelines.pdf?la=en > for additional information.
I3	5/19/2017	Metering	Would the meter data available from interval meters currently being installed via the Advanced Metering Infrastructure rollout be sufficient for the Measurement and Verification required for a project intending to use Demand Response?	Meter data from the Advancement Metering Infrastructure rollout is currently not available in the networks identified under the RFPs.

I4	5/19/2017	Metering	If the meters installed via the Advanced Metering Infrastructure rollout are not sufficient for Measurement and Verification, how would a Respondent incorporate residential Demand Response participation? Does Con Edison require that additional hardware is installed in residential homes to participate?	Respondents are encouraged to develop unique solutions to the non-wire solutions RFPs. The Measurement and Verification (M&V) plan submitted as part of the proposal must ensure quality control and quality assurance of load reductions. Independent M&V may be performed at the Company's discretion.
I5	5/19/2017	Metering	If the Advanced Metering Infrastructure rollout is delayed, is there a pathway to allow residential users to provide separate data for Measurement and Verification for a project intending to use Demand Response? For example, would statistical sampling be eligible for users that are waiting for smart meter installation?	Respondents are encouraged to develop unique solutions to the non-wire solutions RFPs. The Measurement and Verification (M&V) plan submitted as part of the proposal must ensure quality control and quality assurance of load reductions. Independent M&V may be performed at the Company's discretion.
I6	2/1/2018	Metering	Could Con Edison please provide an update on the smart meter rollout? When will customers in the project areas receive smart meters? Generally, will all customers receive a smart meter, or will some customer segments be precluded from the smart meter installation?	Smart meters are expected to be installed July 2018-June 2022 for customers in Manhattan and July 2019-June 2022 for customers in Queens. All customers will receive smart meters. Updated information about the smart meter rollout can be found here: https://www.coned.com/en/our-energy-future/technology-innovation/smart-meters/when-will-i-get-my-smart-meter
J1	5/19/2017	Other	Will environmental justice zones be taken into account for non-wires solutions or its not applicable here?	Environmental Justice zones will be taken into account when evaluating responses for potential solutions.
J2	5/19/2017	Other	Should Respondent's intending to provide residential Demand Response submit letters of support from individual customers who plan to participate?	Yes, preference will be given to Respondents with pre-existing customer agreements to deploy the solution upon confirmation by Con Edison.
J3	5/19/2017	Other	How will Con Edison communicate to a Respondent that their DER must provide the contracted reduction?	Dispatch details during an event will be discussed during contracting.
J4	12/1/2017	Other	Can provide a map of the distribution / node / substation locations for the networks?	Con Edison will not provide the distribution/node/substation locations.

J5	5/19/2017	Other	Is the capacity in the RFP firm or likely to change based upon fulfillment and any potential liquidation?	The capacity in the RFPs are the current need the Company has identified in each network and the final portfolio for a non-wires solution must meet that need as a whole, with a positive BCA, to proceed.
J6	5/19/2017	Other	It was said during the webinar that Con Edison would be providing a heat map identifying where the customer would have the greatest impact, can we get that map?	Heat maps will be provided for future feeder load relief non-wire solutions for the projects in networks that have a larger geographical area. The need in the two released RFPs have been presented as a network load relief need, therefore, if the MW goal stated is achieved via solutions spread throughout the network, the portfolio will provide the feeder relief needed.
J7	5/19/2017	Other	Has Con Edison previously notified or otherwise engaged any of the customers in project area?	Con Edison has not explicitly notified or otherwise engaged any of the customers in the project area with regards to these Request for Proposals.
J8	5/19/2017	Other	In reviewing the Customer Profile table, can you please explain the differences in the Demand columns? Is the Max Avg. Billed Demand the monthly average, and the High Demand 1 year is an annual Demand value, for the year with the highest demand? And if so, what is the time range for this assessment?	High Demand 1 Year is the sum of the summer peak demand of all the accounts. Max Average Billed Demand takes the average of each customer's billed demand for the last 12 months. The largest of those averages is the Max Average Billed Demand.
J9	5/19/2017	Other	If we replied to the DSM RFI do we have to register again to reply to this new Non-wires Alternative RFP?	Yes. Please contact Michael Heaton (heatonm@coned.com) if you need assistance registering. The deadline to register in Con Edison's procurement system has been extended to May 26, 2017.
J10	12/1/2017	Other	Does have real estate available in the targeted regions for siting of any NWA solutions?	Con Edison is not providing real estate for siting non-wire solutions, unless otherwise stated. Currently the only utility-sited solution is a component of the Plymouth St. RFP with specific requirements outlined.
J11	5/19/2017	Other	Would be open to considering a non-conforming bid that helps achieve the same objectives?	Proposals that adhere to the guidelines in the RFPs will be considered for selection.

J12	5/19/2017	Other	Can a proposal be withdrawn? If so, what is the latest date that a proposal may be withdrawn?	Upon submission of a proposal, the bidder understands and acknowledges that this offer shall be firm and shall not be revoked or changed for a period of 90 calendar days after the scheduled date for receiving offers pursuant to this invitation and so signifies by acceptance of this requirement.
J13	12/1/2017	Other	Per Water St., Williamsburg and Plymouth: they are all included in a single RFP issued by Con Ed. Should we submit one single response for all three substations, or individual proposals for each?	One response may be submitted, specifying the projects you are proposing solutions for however, each tab of the Solution Questionnaire must be fully completed if proposing a solution for all three projects. To Clarify, there are two area station projects and one primary feeder project.
J14	12/1/2017	Other	Do you have inventory of customers having three phase air conditioning systems? and size by Motor Label Volts and HP and type of air conditioning systems?	Con Edison does not have this type of information for our customers and therefore cannot be provided at this time.
J15	7/30/2018	Other	Can preventative maintenance be performed on weekends during the summer period as those periods do not fall within Con Ed reliability availability periods?	Preventative maintenance can be performed on weekends during the summer period as long as it does not interfere with potential dispatch of the system.
J16	12/1/2017	Other	How does Con Ed anticipate supporting performer in the siting and permitting with FDNY and Department of Environmental Protection?	The selected Respondent will be responsible for all permitting requirements.
J17	12/1/2017	Other	Does Con Ed pay into the Clean Energy Fund?	Customers pay into the Clean Energy Fund through bill surcharges.

J18	12/1/2017	Other	During the webinar, the hosts said that the traditional solution will be pursued if an adequate portfolio cannot be created—does this refer to all projects in the RFP, or is it possible that 1 or 2 of the three will still go through if not all of them?	So long as a feasible portfolio of solutions can be developed that passes the BCA on its own, it is possible that a project may continue without the others. Please ensure that each tab of the Solution Questionnaire is fully completed for each project for which a solution is being proposed.
J19	12/1/2017	Other	Can Con Ed provide a breakout of average usage for the individual Customer Segmentations?	Customer Segmentations are broken in appendix A-C in the RFP. More detailed information will be shared with a respondent if a project is selected and under contract.
J20	12/1/2017	Other	Can Con Ed provide data showing presence of, and type of cooling where known (e.g. central A/C, window units, building central plant)?	Con Edison does not have this type of information for our customers and therefore cannot be provided at this time.
J21	12/1/2017	Other	What percentage of the residential segmentation have smart thermostats installed?	Con Edison does not have this type of information for our customers and therefore cannot be provided at this time.
J22	2/1/2018	Other	Would Con Edison be willing to provide feedback to respondents for previous RFPs whose proposals were ultimately not accepted by Con Edison?	The Company currently plans to send email communication to respondents through a standardized format stating the reasons why their proposal was not chosen and is considering other forms of communications to provide this type of information.
J23	2/1/2018	Other	Would Con Edison please clarify the designations of "Customer Segment" provided in the Customer Demographic Profile table? For example, how does a "Mutlifamily" segment differ from a "Residential" segment, and what is the differentiation between a "Small Multi-Family - Res" and a "Single-Family - Res"?	Residential - Any one to four family dwelling or building occupied as the home residence of the customer. Multi-Family - Residential buildings with 5 or more units in New York City and Westchester County that are Con Edison electric distribution system customers.

J24	2/1/2018	Other	Can Con Edison confirm that the High Demand 1 Year value can be interpreted to mean that the total maximum demand for the customer segment? For example, in the West 42nd St RFP, the Residential customer segment lists a High Demand of 13,933 kW for 162 customers - thus, can this imply a maximum demand of 86.01 kW/customers (13933 kW/162 customers)?	Yes, the total high demand can be interpreted to mean the total maximum demand for the customer segment; however, it cannot be implied that every customer has the same peak demand.
J25	2/1/2018	Other	Can Con Edison provide guidance regarding what the Annualized Consumption value represents? Can respondents use this value to calculate the average load per user by customer segment (e.g. in West 42nd St for the Residential customer segment, the average load would be 36,988,204 kWh / 365 days / 24 hours / 162 customers, or 26.06 kW/customer on average)?	The Annualized Consumption value represents the total load consumption for each customer segment; however, different customers load consumptions could vary greatly.
J26	2/1/2018	Other	100% of C&I customers are served by NYPA? The total annualized consumption is 193 GWh, which is an average demand of 22 MW. Since the network peak demand is around 190MW in 2018, that would imply a network load factor of only 11%. This seems much too low.	The Company made an error while evaluating total market segment in this proposal as some accounts were not previously considered. We have redone the customer segment chart and it is currently posted in the new revision of the RFP found on the website.
J27	7/30/2018	Other (New)	Could you please provide the location of all 3 phase feeders outgoing from Newtown Substation?	Specific locations of Con Edison infrastructure is considered proprietary information. Locations will not be provided at this time.

J28	7/30/2018	Other (New)	The RFP Clarification Questions document referenced in the RFP provides answers to a previous solicitation. Are bidders expected to assume the same parameters apply to this procurement? For example, the document does not allow for in front of the meter solutions and specifies the resource would be drawn on solely for summer peaking capacity.	The RFP clarification questions apply to all NWS RFPs unless otherwise specified. Responses related to utility-sided solutions (USS) will indicate the specific USS project (e.g. Plymouth St. RFP)for which they are applicable. Front of the meter solutions are currently not being considered for the Newtown RFP. The summer peaking period remains May 1 through September 30.
J29	7/30/2018	Other (New)	Will ConEd please provide central air conditioner penetration, per customer segment?	Please refer to J20.
J30	7/30/2018	Other (New)	Will ConEd please provide room A/C penetration, per customer segment?	Please refer to J20.
J31	7/30/2018	Other (New)	Will ConEd please provide zip code lists based on the targeted networks being evaluated for this NWA?	<p>Please note it is possible that not all customers in a particular zip code qualify. The zip code list for the Newtown RFP includes the following: 10451, 10453, 10454, 10455, 10456, 10457, 10459, 10460, 10461, 10462, 10463, 10464, 10465, 10466, 10467, 10468, 10469, 10470, 10471, 10472, 10473, 10474, 10475, 11101, 11102, 11103, 11104, 11105, 11106, 11109, 11357, 11368, 11369, 11372, 11373, 11374, 11377, 11378</p> <p>Final eligibility will need to be confirmed by Con Edison. Please email DSM@coned.com with addresses and/or electric account numbers for verification. Respondents are also encouraged to access the Hosting Capacity map to interactively view NWS areas.</p>

J32	7/30/2018	Other (New)	Will ConEd please provide any information regarding EV, storage, and solar located within this NWA territory?	<p>Respondents can find installed and queued distributed generation system within Con Ed's service territory by visiting the SIR Inventory Information on the DPS website: http://www3.dps.ny.gov/W/PSCWeb.nsf/All/286D2C179E9A5A8385257FBF003F1F7E?OpenDocument</p> <p>Note: Electric Vehicles are not categorized as distributed generation and therefore this information is not tracked in the SIR Inventory. The Company does not have EV information for each network available at this time.</p>
J33	7/30/2018	Other (New)	Does ConEd know what % of customers either by count or by MW are currently participating in existing EE or DR programs in these targeted networks (Borden & Sunnyside)?	<p>Con Edison does not have this information readily available for customers participating in EE programs. More detailed information can be shared with a respondent if a project is selected and under contract. Enrollments in DR programs can be found in the Con Ed's DR Program Annual Evaluation Report at http://documents.dps.ny.gov/public/MatterManagement/CaseMaster.aspx?MatterCaseNo=09-E-0115</p>
J34	7/30/2018	Other (New)	Will ConEd please provide the number of customers that are currently participating in your Smart AC Kit program in these targeted networks?	<p>Con Edison does not have this information readily available. More detailed information can be shared with a respondent if a project is selected and under contract. Total Smart AC kit program enrollments are reported in the DR Program Annual Evaluation Report which can be found at http://documents.dps.ny.gov/public/MatterManagement/CaseMaster.aspx?MatterCaseNo=09-E-0115</p>
J35	7/30/2018	Other (New)	Does ConEd know the average BTUs for the room AC units that are used in the territory?	Please refer to J20.
J36	7/30/2018	Other (New)	Does ConEd know the average number of room ACs per customer household/account?	Please refer to J20.

J37	7/30/2018	Other (New)	Does the new load growth in the RFP mean new and additional C&I customers? How many are expected? For Three Phase air conditioning systems, motor sizes: Volts and HP?	Please refer to J14.
J38	7/30/2018	Other (New)	Do the multi-family common areas indicated in the customer profiles include three phase air conditioning systems? If so, how many and what motor sizes?	Please refer to J14
J39	7/30/2018	Other (New)	Are there different tariff rates for proposed non-wire projects? Or possible modifications to existing tariffs for proposed non-wire projects?	No, there are no separate tariff rates or modifications to existing tariffs for non-wire projects. Non-wires projects are subject to all applicable tariff rates within Con Edison's electric, gas, and steam tariff and should budget accordingly.
K1	5/19/2017	Program Agreement	Is the "Non-Wires Alternatives Program Agreement - Addendum 1" required for proposal submission if the Respondent proposes to provide Demand Response? If so, are Respondent's able to periodically update Addendum 1 as more participants join their program?	Addendum 1 is not required for proposal submission at this time. The program agreement and addendum was provided so respondents may have an idea of terms and conditions that may be included as part of contracting for a non-wires solution.
K2	5/19/2017	Program Agreement	In the NWA Program Agreement on page 5 of 10 under Security against Underperformance there is a reference to Exhibit A. Is this provided within the documents supplied? Can it be provided?	Exhibit A - Form of Letter of Credit will be provided on www.coned.com/nonwires under Related Information.
K3	5/19/2017	Program Agreement	Are the terms and conditions (in NWA the program agreement) open to modification?	The Non-Wires Solutions Program Agreement Terms and Conditions cannot be modified.

L1	5/19/2017	Timeline	How many years does Con Edison want these measures in place?	Solutions proposed may be permanent reductions or limited in the duration and number of times it may be deployed. Respondents may propose length of time solutions can be in place for those that provide temporary load reductions. In general, the Company is looking for 3-5 years of load relief for the two RFPs that have been issued, and the longer a solution is available the more likely it will be incorporated into the final portfolio.
L2	5/19/2017	Timeline	How many years of performance are required?	Solutions proposed may be permanent reductions or limited in the duration and number of times it may be deployed. Respondents may propose length of time solutions can be in place for those that provide temporary load reductions. Performance requirements will be specified during contracting however, the Company expects solutions to be operational on or before need year identified for each RFP available to provide load reduction for 3-5 years. In general, the longer a solution is available, the more likely it will be incorporated into the final portfolio.
L3	5/19/2017	Timeline	Do you expect the MW and Duration listed in the RFPs to satisfy the need for the next 3-10 years or additional NWA offers will be made in these 2 networks?	For the two RFPs released, the Company is looking for 3-5 years of load reduction from demand management solutions. Solutions that have the option to perform beyond this timeline will be more likely to be selected in the portfolio.
L4	5/19/2017	Timeline	Is there a minimum or maximum length of project duration?	There is no minimum project duration. Projects must be complete before or on schedule to ensure grid reliability and to address Network overload.
L5	5/19/2017	Timeline	Are these measures expected to be used all year as permanent reductions or just during the summer?	The performance period is during the summer from May 1 to September 30 and hours specified in RFP Project Description. Availability and Reliability are among the evaluation criteria. Measures that have higher availability will be evaluated positively. Permanent reductions are welcomed.

L6	5/19/2017	Timeline	What are the dispatch requirements? Can we name which hours we are available for? How often are load reductions needed?	Respondents are encouraged to utilize the need periods identified in the RFPs to developed proposed solutions. Solutions should reflect availability for the DERs proposed. Load reductions will be needed by the summer year for the period specified in each RFP.
L7	5/19/2017	Timeline	What is minimum and maximum length of each activation?	This will depend on the solution type and portfolio needs. The hours of need are specified in the RFP Project Description.
L8	5/19/2017	Timeline	How frequently does expect to activate a Respondent's DER?	Con Edison anticipates developing a portfolio of solutions that would best address needs in the identified area. Solutions may include DERs that provide permanent, temporary, or a combination of load relief. The activation frequency will be dependent on the technology of the implemented portfolio.
L9	5/19/2017	Timeline	How will implementation schedules faster than the 2021 timeframe be evaluated - positive, negative, or neutral? Would compensation align with delivery or with the specified deadline?	Timeliness is among the evaluation criteria. Solutions that are implemented before the expected timeframe will be evaluated positively, and therefore are more likely to be selected. At this time, the Company does not expect to enter into agreements to pay for performance prior to the need year.
L10	5/19/2017	Timeline	Is the term included in the response to the RFP binding, or can a longer or shorter term be chosen with a customer if it is required to make the project financials float or otherwise preferred by the customer?	To ensure a full portfolio is developed that can meet the needs of the traditional solution, the Company asks that all responses provide as much detail as possible to the timeline of the solution. If flexibility is required, please state what range of flexibility is sought. Projects with firm commitments will be given higher value in feasibility.
L11	5/19/2017	Timeline	What is the estimated term for the NWA?	Non-wires solutions should be implemented prior to summer 2021 as stated in the RFPs. Demand management (a.k.a. Demand Response) solutions should be available for 3-5 years, with the option to continue beyond that timeline preferred.

L12	5/19/2017	Timeline	For these events, are the call windows within the ranges of need provided in the RFP flexible (must relief be provided for the total listed range for each project e.g. 2-7pm, or can relief be provided for a period totaling less than but within the listed range e.g. 5-7pm)?	Solutions with load reductions that do not cover the entire listed time range are welcomed; however those solutions are less likely to be selected for the final portfolio. For the example given, if a solution is only available from 5 PM -7 PM, another solution (or solutions) that compliments this reduction (provides reduction from 2 PM-5 PM) must be included in the portfolio. If such a solution is not available, or does not pass selection criteria, the 5PM-7PM solution cannot be selected either.
L13	5/19/2017	Timeline	What's the longest contract term Con Edison would be amenable to accept?	Con Edison will give priority to contracts in the 3-5 year timeframe, with potential to extend beyond 5 years. However all proposals are welcomed and alternative contract terms may be acceptable.
L14	5/19/2017	Timeline	Is there a desired tenor (contract term), or a tenor limit on the program (for how many years are projects eligible to receive incentive payments)? The questionnaire references contract term, is this with the customer or and can these be different?	Con Edison will give priority to contracts in the 3-5 year timeframe, with potential to extend beyond 5 years. However all proposals are welcomed and alternative contract terms may be acceptable. Respondents are encouraged to include their proposed contract term as part of their solution. The contract term in the questionnaire refers to the contract with the customers.
L15	5/19/2017	Timeline	If identifies a solution for 10 years but all other pieces of the portfolio are for 5 years, will that solution be 1) discounted, 2) negotiated on term during the contract negotiation phase, or 3) dismissed?	Solutions will be evaluated and developed at a portfolio level to best address the need identified. For each solution selected, contract terms and \$/MW will be finalized during negotiations.
L16	5/19/2017	Timeline	Over what period is underperformance assessed over?	Underperformance will be assessed for the periods identified in each RFP and finalized during contract negotiations.
L17	5/19/2017	Timeline	What ramifications / benefits does Con Edison see in completing a sooner than COD timeline?	The Company may evaluate all measures in aggregate in a manner that considers the overall benefit to the Company based on the criteria set forth in this RFP. Evaluation criteria are listed under Proposal Criteria in the RFP. Timeliness is a part of the evaluation criteria: projects that can be installed and verified ahead of COD will be valued positively.

M1	12/1/2017	Performance	What would be the implications if an emergency event occurred where Con Ed required the performer not to charge the system while the performer was fulfilling a participation commitment in the wholesale market? How would Con Ed address potential penalties for non-performance?	Charging during restricted times will be subtracted from the performance of the system output and would lead to a lower reliability payment, as well as possible LDs. An example of our program agreement under the related documents section of www.coned.com/nonwires .
NOTE: SECTION ID "N" PERTAINS TO THE UTILITY-SIDED COMPONENT OF THE PLYMOUTH STREET PROJECT ONLY.				
N1	12/1/2017	Utility-Sited Solution (USS)-Plymouth	It states in Appendix D that the storage system cannot charge in the Peak Hours of the Plymouth Substation per Appendix C. It appears in that chart that the peak hours are just 4:00 pm to 7:00 pm and not the entire "overload hours" of 7:00 AM to 10:00 pm. Is that right? And did I convert your HE to times correctly?	Outside of the summer period, the storage system can charge at any time outside of the peak hours of 5 PM - 7PM (Hour Ending). That is, outside of the summer period, the system is only prohibited from charging during the time period from 4:01 PM to 7PM. Charging during the summer period is described in the RFP.

N2	12/1/2017	Utility-Sited Solution (USS)- Plymouth	<p>I think, if you are still trying to use your HE convention, then you have a typo in the chart on page 32. Instead of:</p> <ul style="list-style-type: none"> a. Operation Mode Time Window Discharging 10AM – 8PM Charging 8 PM – 10AM on weekdays. All day on weekends. b. Operation Mode Time Window Discharging 10AM – 8PM Charging 9 PM – 9AM on weekdays. All day on weekends. c. That would mean 13 hours of charging and 11 of discharging. E.g. discharging from 9:00 am to 8:00 PM and charging from 8:00 PM to 9:00 AM. d. If you weren't trying to use your HE convention then you are showing 14 hours of discharge and only 10 hours of charge, which is not what the text states. e. Please clarify 	<p>Yes, this was indeed a typo. Using hour ending convention, the system should discharge from 10AM to 8PM and charge from 9PM to 9 AM.</p>
N3	12/1/2017	Utility-Sited Solution (USS)- Plymouth	<p>For the Appendix D system, is it possible to propose a commercial model where Con Ed purchases the system and pays for O&M and operations thereafter? Or is it possible Given the rate of return for most developers and what I suspect coned can have for a cost of money, that might actually look cheaper to you. We would then propose the price at which you could opt to sell it back to us after 6 years of use or continue to use it if you wanted to do that instead.</p>	<p>For the purpose of this NWS solicitation, Con Ed is requesting proposals for a third party owned system. There is not currently an opportunity for Con Ed to purchase the system. Although the company cannot commit to any contract for purchase or reliability payment extension beyond the 6-year service period, there may be interest in purchase or expansion of the system at that time as system needs evolve. To this end, in the RFP we do request information regarding different ownership scenarios beyond the 6-year NWS project duration in the Detailed Costs Associated with Proposed Solution section. The Respondent should submit potential future commercial models in that section. Ultimately, we seek creative discussion on ownership and potential avenues for asset value recovery.</p>

N4	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Will a site visit to the land parcel on Gold Street/Marshall Street be made available? Can a bidder arrange a visit to the site with Con Ed?	A site visit to the property at Hudson Avenue will not be arranged for prospective Respondents. The proposed site is under construction, but will have the features identified in the RFP. If a Respondent proposal to Appendix D is selected, site visits can be made available at a later date.
N5	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Will the existing infrastructure on the north side of the parcel be removed and made available for a proposed solution? The dimensions of the primary and secondary locations do not account for the existing infrastructure on the site, so we would like to confirm that the entire parcel will be clear to utilize for a solution.	The proposed site in Appendix D is currently being dismantled and above ground structures will be removed. Upon completion of construction work, the site will have the features identified in the RFP, where both the “primary” and “secondary” locations are available for Respondents to utilize (roofing and pipework it supports along the Marshall St. side of the property will be removed). Accordingly, the “primary location”, or the preferred site, will have minimal obstructions below grade if designs necessitate subsurface construction. Additionally, feeder interconnections nearer to Gold St. and John St. are preferred. The “secondary location” will have subsurface obstructions that may present challenges for storage system installation, but the location remains available for Respondent proposed designs.

N6	12/1/2017	Utility-Sited Solution (USS)-Plymouth	<p>Height limitation mentioned in Appendix D? Our storage technology is designed to fit into minimal footprint and as such, our height will most probably precede this design limitation. As this is a standard design (max design goes up to 40 ft.), changing it will result in a lower overall system cost efficiency. In this context, it's important to note that our design is set to meet the strictest environmental requirements as well as fit into the local land scape. In our design, there are no visible piping coming out of it (neither do we have a stack). We put great emphasis on the outer design of our solution to make it presentable and as such we cover it with panels to fit the local surroundings and give it a clean smooth display.</p>	<p>Please see the response to N28 regarding additional height accommodations.</p>
N7	12/1/2017	Utility-Sited Solution (USS)-Plymouth	<p>Is there a geotechnical soils report for the site which can be made available to us?</p>	<p>No geotechnical analysis of the engineering backfill of the site can be made available as the site is presently under construction. Respondents should assume that the engineering backfill is of sufficient load-bearing capacity for proposed designs.</p>
N8	12/1/2017	Utility-Sited Solution (USS)-Plymouth	<p>Can you please clarify what do we need to provide regarding transaction structures and pricing formulas?</p>	<p>Costs to Con Edison in the form of "reliability payments", and vendor anticipated revenues should be detailed in the Non-Wires Solution Questionnaire: Plymouth Utility Sited tabs of the spreadsheet.</p>
N9	12/1/2017	Utility-Sited Solution (USS)-Plymouth	<p>The following sentence is taken from the RFP: "List all required NYC permits and provide a plan to obtain them expeditiously in order to meet project deadlines "Does the related area allocated for the project have any known issues or restrictions by authorities related to the environment, fire protection or other potential issues that could affect permitting? If it does, please specify.</p>	<p>Some environmental restrictions related to noise, emissions, and visual impacts are detailed in the RFP. All local building, fire and noise codes are applicable along with the associated restrictions and required permits. There are no additional known site specific issues that may affect permitting timelines at this time.</p>

N10	12/1/2017	Utility-Sited Solution (USS)-Plymouth	On page 33 of the RFP in the “Optional steam connection” section, it says, “The fixed values on page 29 of Con Edison’s 2016 Annual Report should be used for financial analysis.” When referring to this Annual Report, we did not find any steam cost values on page 29, but we did find them on page 23. Can you please confirm that the numbers on page 23 are the correct steam costs that we should refer to? (See below for screenshot)	Yes, please use the values on page 23 of the 2016 Annual Report.
N11	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Amount of Years for Revenue in Questionnaire.xlsx: In the Questionnaire (XLSX) tab “Plymouth-Utility Sited(Electric)” it shows a business plan template from 2017-2027 – in total 11 years – unlike to what described In Con Ed RFP Nov 2017 – page 30 (6 years). Can you please clarify that the revenue will begin only in 2022, as specified in the RFP (since the project duration is 6 years), and the rest of the years (2017-2021) are the construction phase?	Correct, revenue will begin in 2022. The rest of the years are for project evaluation, selection, construction, etc. Construction related costs would be incurred in 2020 and 2021.
N12	12/1/2017	Utility-Sited Solution (USS)-Plymouth	In page 35 its written “The respondent will be responsible for all electricity costs for charging, auxiliary and any other power”. How should we treat the Electricity cost – (2022-2027) as a “cost+” factor? Can you provide a benchmark for the electricity cost during the operation period?	The proposed energy storage system would charge under Standby Service and be subject to the terms and conditions of General Rule 20 of Con Edison's schedule for Electricity Service. The schedule can be found here: https://www.coned.com/external/cerates/documents/elecPSC10/GR1-23.pdf
N13	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Cell A55 in Questionnaire.xlsx: In the Questionnaire (XLSX) tab “Plymouth-Utility Sited (Electric)”, cell A55 refers to “Con Edison Payment”. Can you please clarify what this is referring to?	This refers to the annual reliability payments (Incentive) that Con Edison would provide to the Respondent in exchange for reliable load relief.
N14	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Can you please provide to us a water intake analysis? (in case of running water inside the storage, instead of steam). Is the water treated or is it city water? We need this for O&M purposes and for our water treatment system.	Water intake and disposal (sewerage) will be via the water and wastewater utility systems of the City of New York (depending on volumes, as outlined in the Emissions and Waste section of the RFP), and will incur associated costs of consumption and disposal determined by the NYC Water Board.

N15	12/1/2017	Utility-Sited Solution (USS)-Plymouth	What is your dispatch protocol for this utility-sited energy storage asset?	For the purpose of this NWS, the system must be capable of responding to day ahead notice. If possible, it would be desirable for the solution to have the ability to respond with two hour notice.
N16	12/1/2017	Utility-Sited Solution (USS)-Plymouth	What is the lead time for dispatch notification? How much advance warning will we receive of dispatch?	Please refer to N15.
N17	12/1/2017	Utility-Sited Solution (USS)-Plymouth	What is the tariff treatment for the asset? Is this considered a BTM asset? Is the asset susceptible to demand charges? How is charge and discharge energy treated?	Please see N12 for information regarding charging. When discharging, the asset could be treated as a customer under Service Classification 11 or OATT and would be responsible for the associated charges. More information regarding Service Classifications can be found at https://www.coned.com/external/cerates/documents/elecPSC10/SCs.pdf and OATT can be found at https://etariff.ferc.gov/TariffSectionDetails.aspx?tid=1219&sid=212314
N18	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Can Con Edison provide a detailed breakout of what the \$4MM Interconnection would cover?	The estimated cost of \$4 million is for the High-Tension service illustrated in the Con Edison Interconnection section in Appendix D of the RFP. Inclusive in this cost are three high-tension electrical meters, three primary service feeder breakers, three service transformers, three secondary circuit breakers, as well costs surrounding any site preparation and permits.
N19	12/1/2017	Utility-Sited Solution (USS)-Plymouth	The RFP includes a simplified schematic for the interconnection but states that the design must be EO-2022 compliant. Is Con Edison stating that the interconnection shall include the full compliant EO-2022 design including redundant battery rooms, metering, full substation protection, G&T device, etc.?	Yes, that is correct.
N20	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Can pad-mounted transformers be utilized in lieu of EO-2022 compliant power transformers?	No, but it is possible to use ground transformers above ground on available space. Depending on design, containment and fire protection may be needed.
N21	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Will Con Edison mandate that we use Con Edison approved vendors for the EO-2022 High	No, Con Edison does not have a list of approved engineering companies. However, whichever company is

		Plymouth	Tension equipment?	chosen will be expected to meet with Con Edison engineers and discuss designs.
N22	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Would Con Edison be open to the idea of utilizing a modular type substation for this interconnection, similar to those used on similar projects (such as the 2nd Ave. Tunnel Boring machine)?	Yes, but it would require review. There are no approved vendors for this.
N23	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Please confirm that a Direct Transfer Trip (DTT) would not be required for this project.	Appropriate system protection would be required. Depending on the technology and system configuration a DTT or similar protection scheme might be required.
N24	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Please confirm that telemetering is not a requirement for this project.	Telemetering will be required.
N25	12/1/2017	Utility-Sited Solution (USS)-Plymouth	The RFP states that the interconnection to Con Edison systems shall be above ground. Will the property line termination manhole vaults be above grade? Will the feeder extensions also be above grade? Are we permitted to install below grade duct banks between equipment? The system grounding and connection to the Plymouth Street transformer will need to be below grade.	All feeder extensions and manhole vaults will be below grade. Duct banks are permitted to be installed below grade.
N26	12/1/2017	Utility-Sited Solution (USS)-Plymouth	The RFP provides the Plymouth Street site footprint, however in reality, there appears to be significant utility equipment installed along the Marshall Street side of the property, will this be removed from the site prior to being made available?	Roofing and equipment alongside Marshall St. will be removed. Please see response to N5.

N27	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Does Con Edison require the FMEA to cover everything proposed for the site or is this limited to the Energy Storage System?	The FMEA only applies to the storage system. The FMEA should address all third party equipment and materials being proposed on the site. The FMEA should address potential hazards to operators, the surrounding community, as well as potential impacts to the environment (air, water, and land impacts). The full range of potential risks should be identified, and mitigation and control strategies should be proposed.
N28	12/1/2017	Utility-Sited Solution (USS)-Plymouth	We recognize the need to minimize digging on the site and the flood risk. However, please could Con Edison confirm to what depth the backfill can be excavated? What is the available height with the backfill removed?	It is possible to remove segments of backfill down to the base of the structure, allowing for a maximum system height of 30 feet. Excavated areas would require ramps, stairs, or other means of accessing the base. Additionally, perimeters of excavated portions should be fenced off.
N29	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Following a four-week period of 11 hours of discharge 5 weekdays per week, what are the requirements for being able to perform this service again within the same "summer period"?	The system will only be required to discharge for a total of 20 days. It would be 20 consecutive days in a worst case scenario, but it will not necessarily be consecutive. After a total of 20 days, Con Edison would not call on the system to dispatch again within the same summer period.
N30	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Is it possible to organize a visit to the utility-sited storage site?	A site visit to the property at Hudson Avenue will not be arranged for prospective Respondents. The proposed site is under construction, but will have the features identified in the RFP. If a Respondent proposal to Appendix D is selected, site visits can be made available at a later date.
N31	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Please confirm whether this is referring to the later scaling up of the proposed system at the Plymouth St site or the ability to deploy larger systems elsewhere.	Respondents should indicate the potential of increasing the output power and energy storage components of the proposed system at Hudson Avenue site. Information on more general scalability potential is of interest as well.

N32	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Is there scope to obtain a permit to exceed the height of the surrounding walls for certain components, limited to certain areas of the site?	Please see answer to N28. Additional height can be accommodated through backfill removal. Increasing the wall height is outside of scope for this project.
N33	12/1/2017	Utility-Sited Solution (USS)-Plymouth	The LDs will determine the level of redundancy in the system. Can you provide any clarification on the structure and value of LDs?	Security against underperformance will be negotiated during contracting phase.
N34	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Will it be possible to extend the perimeter site wall height (assuming permits can be obtained) to allow for larger structures to remain below wall height and hence invisible from adjacent plots? If so what would be the maximum permissible extension?	Please see answers to N28 and N32.
N35	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Is it possible to moor a vessel/barge at the nearest point to the site on the East River and does the dockside and mooring rights belong to Con Ed? Can we moor for deliveries? Can we moor barge-mounted components of the energy storage system?	Yes, it is possible to temporarily moor a barge at the nearest point on site during the construction phase. However, please note that the loading dock would not be suitable to bear the load of the proposed systems. Therefore, Respondents should look to bypass the loading dock through craning or other methods.
N36	12/1/2017	Utility-Sited Solution (USS)-Plymouth	It is stated that charging and discharging currents may not exceed 185A at 27kV. Is this 185A per phase or total? Is it phase-to-phase or phase-to-neutral?	185A at 27kV (5MW) is the total allowed current across all feeder bays. The voltage rating of 27kV is a phase-to-phase measurement. Please see additional information for high-tension interconnections at https://www.coned.com/-/media/files/coned/documents/small-medium-large-businesses/high-tension-service-welcome-kit.pdf?la=en
N37	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Can Con Edison provide an estimate/quotation for doubling the size/capacity of the electrical connection?	Estimates would be determined by the size of the generator and charging requirements. If these factors are given, a general estimate can be determined. Please see additional information for high-tension interconnections at https://www.coned.com/-/media/files/coned/documents/small-medium-large-businesses/high-tension-service-welcome-kit.pdf?la=en

N38	12/1/2017	Utility-Sited Solution (USS)-Plymouth	What is the required response time of the system?	Please refer to N15.
N39	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Should the system also supply reactive power? Will this be remunerated?	The system is not required to provide reactive power and no compensation for this service will be provided from Con Edison (wholesale market participation notwithstanding).
N40	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Is there scope to contract for capacity on a bilateral basis with Con Ed in addition to the reliability payment?	Con Edison is not pursuing bilateral agreements for capacity for these solutions.
N41	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Is there a black start requirement at the location? What is it? Can it be provided at 5MW or is more required? How would it be remunerated?	There is no black start requirement.
N42	12/1/2017	Utility-Sited Solution (USS)-Plymouth	The RFP states that steam may or may not be accessible. Please confirm whether Con Ed is looking for two alternative systems - one with steam and one without - or a system that can operate optionally with or without steam.	Con Edison is looking for a system that can operate with or without steam.
N43	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Can Con Ed provide any clarification on the applicable taxes associated with the plot that should be accounted for?	Con Edison will incorporate applicable taxes into the total project cost during the review process. At this time, we ask that Respondents ignore property lease payment details in their proposal submissions.
N44	12/1/2017	Utility-Sited Solution (USS)-Plymouth	The referenced 2016 Con Ed annual report states a steam price of \$27.48 per MMBtu (ONE MILLION POUNDS). Please can you confirm that this should read \$27.48 per MMBtu (ONE THOUSAND POUNDS)?	Yes, this was an error. The average revenue for steam should be given in dollars per MMBtu (One Thousand Pounds)
N45	12/1/2017	Utility-Sited Solution (USS)-Plymouth	For the system using steam, can we assume reliable availability during the "summer period"? If not, what is the maximum expected frequency and duration of downtime?	If steam is available, it will be reliably available throughout the year.

N46	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Would placement of components on modified or removed backfill in the primary area be considered above-ground per RFP requirements?	Yes, anything placed on the backfill (modified or not) will be considered above ground.
N47	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Would Con Ed consider a standard warehouse type structure built to local codes constructed within the primary and/or secondary area that exceeds the existing wall height acceptable?	Please refer to N28. A warehouse type structure is permitted should the proposed system need it for sheltering purposes. However, the structure is not allowed to exceed the wall height. Additional height can be accommodated through backfill removal.
N48	12/1/2017	Utility-Sited Solution (USS)-Plymouth	What is Con Ed's default solution for the energy storage system following the completion of the initial reliability contract in 2027?	The default solution is to remove the energy storage system at the completion of the initial contract in 2027. However, Con Edison would also consider renewing the contract, or purchasing the system from the Respondent.
N49	12/1/2017	Utility-Sited Solution (USS)-Plymouth	In providing an upgraded power capacity is it expected that the total discharge energy will grow proportionately? For example, if the system were to be upgraded to 7 MW, would Con Ed expect the system to provide 77MW-hr of energy storage?	Yes, Scalability sections should indicate potential for increasing rated output power, as well as discussion on the capability of increasing storage capacity (to ensure a consistent power to energy ratio). Using your example, we ask that proposed increases in power to 7MW also discuss expanding the storage unit's capacity to 77MWh, including cost estimates and necessary accommodations.
N50	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Can you confirm that this utility-side project will not be made up of a portfolio like the others in the RFP--that the utility is looking for one solution for this site in particular?	If a USS is selected as part of the portfolio for Plymouth Street Project it will be a single project selection.
N51	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Can the Company produce photos of the site allocated for the Plymouth Street Cooling Project: Utility-Sited Energy Storage Technology Opportunity (project site)?	No, the project site is currently under construction and upon completion will match the description in the RFP. Please see response to N5.
N52	12/1/2017	Utility-Sited Solution (USS)-Plymouth	A Google Earth satellite image shows an enclosed building on the project site while the RFP describes the site as outdoors. Please account for the difference between the satellite image and the RFP description.	The project site is currently under construction. Please see response to N5.

N53	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Can height limitations be exceeded at the project site during the construction phase?	Yes.
N54	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Can height limitations be exceeded at the project site for flood mitigation?	No, the system should not exceed the wall height. Please see N28 for additional height accommodations.
N55	12/1/2017	Utility-Sited Solution (USS)-Plymouth	What minimum parameters would the Company recommend for flood mitigation at the project site?	Please refer to page 35 of the RFP, Operating Environment section. Vulnerable electrical components should be protected and necessary pumping measures should be considered.
N56	12/1/2017	Utility-Sited Solution (USS)-Plymouth	Are there different building, fire safety and electrical permitting processes or standards for battery technologies on utility-owned facilities?	No, this utility owned facility will have no bearing on the permitting process and standards.
N57	12/1/2017	Utility-Sited Solution (USS)-Plymouth	<p>In the “operational scenarios” (page 31), under a ‘worst case scenario’, a system would have to perform for 5 consecutive workdays, over 4 weeks, referred to as “for a total of 20 days”:</p> <p>Does this imply that a deployed system will not have to be available for load relief during weekends, and/or holidays, within May 1 – September 30?</p> <p>If a system is called on “for a total of 20 days” (as above), are there a number of days following the ‘worst case’ scenario, during which the system will not be obliged to perform, before again having to be prepared for an additional ‘worst case’ scenario?</p>	<p>Correct, the system will not be called upon for load-relief outside of the May 1- September 30 timeframe, and does not have to be available for load relief during Holidays and weekends. The “worst case scenario” is to provide an upper bound for Respondent modeling on the number of consecutive summer weekdays that the device would be required to provide load-relief. Within the May 1 - September 30 timeframe, the device may be called upon for up to but no more than a total 20 days during the entire period. However no information on time in between events can be provided, as well as on the probability of a "worst case scenario". For modeling purposes, we ask that Respondents assume the device will be called upon for a total of 20 days in the summer period.</p>

N58	12/1/2017	Utility-Sited Solution (USS)- Plymouth	Regarding the interconnection scope and schematic provided on page 32-33, and the “\$4M option” presented on Page 35, whereby Con Ed takes on much of the interconnection scope (e.g. feeder breakers, service transformers, secondary circuit breakers, etc.) - if a Bidder opts to pay Con Ed the \$4M - does that mean the vendor’s scope only requires them to bring the system to the PCC at 13kV, with regards to interconnection? Said another way, are all permits, entitlements, studies, site prep, and other activities associated with the “\$4M scope” the responsibility of Con Ed (and not just the construction)?	Correct, see response to N18 for a high-level breakdown of the estimated cost for the high-tension service interconnection. The vendor will only be responsible to connect at the service bus at their specific generator output voltage for charging and discharging.
N59	12/1/2017	Utility-Sited Solution (USS)- Plymouth	Can other information be provided about the existing site conditions, including potentially: As built for the existing buried concrete walls, referenced under the “secondary location” on the provided site map? Aerial photos show existing infrastructure on the northern 25% of the parcel. Will the successful Bidder be responsible for the removal/disposal of equipment on site? Geotech?	See response to N5 above. The current site is under construction, but Respondents should assume a walled structure (~18” thick) without roofing as outlined in the Footprint section in Appendix D of the RFP will be available. A buffer of ~10’ is included in the installation site layout where construction is restricted. Additionally, the primary section should have no below grade obstructions, whereas the secondary locations will have below-grade (buried) 18” walls at ~90’ intervals along John St. (running parallel to Hudson Ave).