



JOINT UTILITIES OF NEW YORK

System Data

Summary of April 20, 2017 Stakeholder Engagement Group Meeting

System Data Stakeholder Engagement Session Agenda

- Joint Utilities held a stakeholder session on System Data in NYC on 4/20
- Topics:
 - JU Presented key themes from 2016 stakeholder engagement sessions on System Data
 - JU Presented the System Data Team 2017 planned activities in support of the commitments in the Supplemental DSIP
 - JU provided an overview of 2017 stakeholder engagement plans
 - Presentment of a system data ‘catalog’ and screenshots of example data files to inform stakeholders on the types of system data currently available, how to locate the information, and the format and granularity of the data
 - JU solicited feedback on the current system data catalog presented at the session as well as feedback on the types of data made available, the ease of access and the discussion of stakeholder use cases for currently available data and/or consideration and need for any additional system data.

Overview of JU Currently Available Data

- The Joint Utilities presented an overview of currently available system data and the location, granularity, format and refresh frequency for each of the data categories and provided some background on the evolution of this data inventory resulting from stakeholder input in 2016 and the resultant implementation plan for 2017
- The system data catalog included Location, Granularity, Format and Refresh Frequency for the following categories:
 - Capital Investment Plans
 - Load Forecast
 - Load Data
 - Distribution Indicator Maps for Hosting Capacity (Stage 1 Indicators)
 - Reliability Statistics
 - Planned Resiliency / Reliability Projects
 - Beneficial Locations
 - DER Already Connected
 - Data in Queue – Application DER
 - NWA Opportunities
 - SIR Pre Application Information



Key Stakeholder Feedback from April 20th Session

| Stakeholder Input | Discussion Points | Next Steps |
|--|--|---|
| <p>The presentation of system data examples was valuable and some were not aware of the extent and availability of the data</p> | <ul style="list-style-type: none"> JU commented to stakeholders that the purpose of this first stakeholder session was to level set what data is currently available to the public and encourage stakeholder engagement throughout 2017 to further develop the system data catalog and improve user accessibility and experience | <p>OPEN – Further discussion is warranted to expand the external system data catalog</p> |
| <p>Improved ease of access through a utility-central data portal would be helpful and cited National Grid’s portal as an example</p> | <ul style="list-style-type: none"> While there is a wealth of system data currently available to the public, the JU understand the difficulty often in locating the data and the sometimes lack of similarity in content and format between utilities The JU are discussing developing utility-specific data portals and the potential for a JU central data portal or directory. Part of the JU System Data charter is to explore with stakeholders ways to make the data more accessible and useful for third parties as well as provide some level of consistency and user experience across the JU portals | <p>Closed* – The JU developed a webpage on the JU website dedicated to System Data. The webpage contains links to publically available utility-specific system data. Visit jointutilitiesofny.org/system-data/ for more information.</p> <p>*updated Nov 2017</p> |



Key Stakeholder Feedback from April 20th Session

| Stakeholder Input | Discussion Points | Next Steps |
|---|--|--|
| <p>Stakeholders commented about the difficulty in locating utility CapEx plans and pulling out useful information and asked about the possibility of extracting key CapEx project information in a common format (e.g. CSV or Excel) to allow users to sort and filter.</p> <p>Stakeholders also requested more transparent details on each line item within the CapEx including the rationale and cost.</p> <p>Stakeholders suggested more details about the system need & the geographic footprint be available prior to application of NWA criteria so that developers could analyze and make proposals.</p> | <ul style="list-style-type: none"> • The JU commented that the CapEx plans and budgets have been developed over the years to support regulatory requirements. The overall data is mainly consistent between utilities; specific project information does vary. • JU asked stakeholders if only certain aspects, such as size of the project or financial opportunities in the CapEx plans are useful, or if the entire CapEx plans are useful for stakeholders • JU expressed it would be difficult to provide greater detail on each line item as each project will fall into a different part of the process (i.e., budget estimations phase, mid-construction, etc.). Transformation to a more useable form may be something to consider as a 'value-added' service if there is stakeholder interest • JU want to better understand at what level of detail does CapEx information become useful to developers to determine NWA opportunities so the utilities can understand what would be required to provide it at the appropriate level of detail | <p>OPEN – Further discussion is warranted</p> |



JOINT UTILITIES
OF NEW YORK



Key Stakeholder Feedback from April 20th Session

| Stakeholder Input | Discussion Points | Next Steps |
|---|---|--|
| <p>Stakeholders asked if third parties will have the capability of searching by address on the interactive maps and getting a feeder number as a result and if the maps would obviate the need for portions of the interconnection process in the long-term</p> <p>Stakeholders asked if preexisting conditions on a circuit (e.g., voltage violations) could be displayed.</p> | <ul style="list-style-type: none"> The JU provided an overview of Hosting Capacity maps and sought feedback from stakeholders on data presentment and usability The JU clarified the maps will be searchable in the ESRI displays but are for illustrative purposes only. Some utilities are beginning to move publicly available information like DG queues into a geographic format (i.e., Hosting Capacity maps) The JU will continue to work internally on moving the effort forward for sharing useful and accessible data with stakeholders and will be open to additional feedback from stakeholders. The JU System Data group is working closely with the JU Hosting Capacity group to review stakeholder requests for additional data in the Hosting Capacity data pop-ups and are reviewing data availability and access issues | <p>OPEN* – The JU developed a webpage on the JU website dedicated to Hosting Capacity. Visit jointutilitiesofny.org/utility-specific-pages/hosting-capacity/ for more information. Further discussion is warranted.</p> <p>*updated Nov 2017</p> |



Key Stakeholder Feedback from April 20th Session

| Stakeholder Input | Discussion Points | Next Steps |
|---|--|---|
| <p>Stakeholders were interested in being part of the discussion around classifying data as 'basic' or 'value-added' data</p> | <ul style="list-style-type: none"> The JU commented that some data currently not available or of interest to a narrower stakeholder group, might be developed as value-added data potentially subject to a fee for interested parties The JU would like to come to an agreement on the need and the business use-cases for the currently available data and how it differentiates from the additional requested data (which could be seen as 'value-added' data) | <p>OPEN – Further discussion is warranted</p> |
| <p>Stakeholders expressed they would like to see more collaboration between the JU System Data team and other JU groups (e.g., DER Sourcing, Customer Data, Hosting Capacity) as well as the JU colleagues who are working within the Value of D proceeding</p> | <ul style="list-style-type: none"> JU assured stakeholders there is cross coordination between efforts and proceedings and the discussions are taken into account for determining what and how the data will be incorporated into the System Data discussions and ultimately presented to stakeholders <ul style="list-style-type: none"> For example, the JU DER Sourcing team is working through the data needed by stakeholders to respond to NWA solicitations. That information will feed back into the System Data team's discussions | <p>OPEN – The JU will continue to coordinate across teams and welcome stakeholders join the various stakeholder engagement discussions</p> |

Draft for Discussion Purposes Only

Key Stakeholder Feedback from April 20th Session

| Stakeholder Input | Discussion Points | Next Steps |
|---|--|--|
| <p>Some stakeholders expressed an interest in having access to a broader scope and additional detailed system data.</p> | <ul style="list-style-type: none"> • The JU is interested in gaining a better understanding of stakeholder data needs and the associated application and use and cited business use-cases as an effective framework for discussion • Stakeholders expressed their interest in working with the Joint Utilities to develop use cases that could be the basis for deeper discussion of the potential value of system data at the next engagement session later this summer • JU look forward to working with stakeholders in developing the use cases and encourage stakeholders to contact utilities with potential use cases and encouraged stakeholders to join the conversations in the other engagement groups as well as the System Data discussions as the other groups will also be diving into use cases | <p>Closed*– The JU held a stakeholder session on August 17, 2017 and shared results of the one-on-one use case discussions with stakeholders. The summary deck is available on the JU website: http://jointutilitiesofny.org/joint-utilities-of-new-york-engagement-groups/</p> <p>The JU will continue to meet with interested stakeholders to develop use cases.</p> <p>*updated Nov 2017</p> |



Next Steps for Stakeholder Engagement

- At the April 20th stakeholder session, the Joint Utilities invited stakeholders to send in suggestions of use cases for system data and any additional questions regarding stakeholder engagement or system data to info@jointutilitiesofny.org
- The Joint Utilities held a second stakeholder engagement meeting on system data on August 17, 2017
 - **August 17, 2017 – Meeting #2**
 - Engaged with Stakeholders for input on specific implementation efforts underway
 - Focused on stakeholder use cases for current and additional data needs and if the planned implementation meets their needs
 - Summary deck available on the JU website: jointutilitiesofny.org/joint-utilities-of-new-york-engagement-groups/



JOINT UTILITIES OF NEW YORK



JOINT UTILITIES
OF NEW YORK

Draft for Discussion Purposes Only

10



nationalgrid

**Orange & Rockland
Rockland Electric Company**

conEdison

