

plant locations, collection and interconnection substations, and similar facilities, that are not subject to the Siting Board's jurisdiction under PSL Article 10. A description of the types of activities and features which would not be subject to the Siting Board's jurisdiction under PSL Article 10 can be found at 16 NYCRR §1000.2(q), (r) and (ao).

4. At present, no electric transmission or fuel gas transmission lines subject to review under Article VII of the PSL are proposed for this Project. To the extent that Project plans are altered to require such installations, the Application will include information on their proposed location.
 5. The study area utilized for the proposed Facility will vary based on the resource being studied. Generally, the study area shall include the area within a radius of at least five miles from all facility components, interconnections and related facilities and alternative location sites, though this area may differ to address specific features or resource issues. Mapping to depict the various study areas used to support analyses will be provided in association with subsequent Exhibits. A description of the various study areas used throughout the Application will be provided in the narrative section of Exhibit 3.
- b) Maps clearly showing the location of the proposed facility site, including the Project layout and any reasonable and available alternative layouts or locations, the interconnections, and all ancillary features not located on the facility site, in relation to municipal boundaries and taxing jurisdictions. The Applicant anticipates this relation can be shown on maps with a scale of approximately 1 inch = 1 mile.
 - c) Written descriptions explaining the relation of the proposed Facility site, the interconnections, and all ancillary features to the affected municipalities and taxing jurisdictions.
 - d) Complete GIS shapefiles for all Facility components, including but not limited to, turbine locations, access roads, collection lines, collection substation, meteorological towers (temporary and permanent), generator lead line, point of interconnect substation, construction lay down and temporary concrete batch plant areas, any known significant permanent stormwater control devices, reasonable alternative layout locations, and associated buildings. Submitted GIS shapefiles will also include publicly available parcel property lines, and easement lines.
 - e) Latitude; longitude; and ground surface elevation (based on publicly available data) of all proposed turbine and meteorological tower locations in feet above sea level.

Stipulation 4-1001.4 Exhibit 4: Land Use

Exhibit 4 shall contain:

- a) A map showing existing land uses within the Study Area. The Applicant will use tax parcel data with land use classifications (New York Office of Real Property Services (NYSORPS) categorization) available from the county governments in the Certificate Application. Where such

classifications are overly broad or unrepresentative, such as Vacant Land, a more representative classification will be provided based upon on-site observations and/or sought from landowners. This will be mapped within the Study Area and demonstrate the relationship of the proposed Facility layout to existing land uses.

1. The Map will also show agricultural land types and facilities, such as pasture/grazing areas, cropland and unique agricultural lands (i.e., orchards, vineyards, maple sugarbushes, etc.) on parcels where components and ancillary facilities, including collection lines and access roads, would be located, as well as parcels adjacent thereto.
 2. Further, the Map will show land and water management features, such as subsurface drainage systems, open ditches, diversion swales or terraces, buried waterlines, irrigation systems and water sources, on parcels proposed to host components and ancillary facilities, including collection lines and access roads, and any other ground disturbances (construction laydown or staging areas) proposed in connection with the construction or operation of the project.
- b) A map showing the location of and identifying any existing overhead and underground major facilities for electric, gas or telecommunications transmission or gas wells in relation to proposed facilities within the Project Area.
- c) A map of all properties where proposed Facility components and ancillary facilities will be located, and all properties within 2,000 feet of such properties, that shows the current land use, tax parcel number and owner of record of each property, any publicly known proposed land use plans for any of these parcels, and their relation to proposed Facility layout.
- d) A map of existing zoning districts, and proposed zoning districts within the Study Area, including a description of the permitted and the prohibited uses within each zone.
- e) A summary of the relevant portions of the local comprehensive plans adopted at the time of Application, and a statement of whether the proposed land use is consistent with the adopted comprehensive plans. The Application will also address consistency with the Certificate of Environmental Compatibility and Public Need issued to the Kintigh Generating Station in Case 80002 (December 29, 1978) and relevant compliance filings related thereto; relevant portions of the 2014 New York Open Space Plan (OSP), including Priority Project {128} “Lake Ontario and Lake Erie Shorelines, Islands and Niagara River,” and Priority Project {134} “State Parks & State Historic Sites Protection” sections in particular; the New York State Historic Preservation Plan 2015-2020; the Statewide Comprehensive Outdoor Recreation Plan 2014-2019; the New York State Office of Parks, Recreation and Historic Preservation Sustainability Plan (April 22, 2009); the Great Lakes Seaway Trail Corridor Management Plan; Niagara Communities Comprehensive Plan 2030; the Regional Framework for Growth; the WNY Sustainability Plan; and the Regional Economic Development Plan. To the extent that these plans are available on the internet, this Exhibit will also include citations to their respective web addresses. The Application will also summarize consultations with relevant agencies.
- f) A map of the proposed Facility layout and all publicly known proposed land uses within the Study Area, from consultation and discussions with state and local planning officials (e.g.

Genesee/Finger Lakes Regional Planning Council, the Niagara County Center for Economic Development, and the Orleans County Department of Planning and Development) and from the public involvement process. The Applicant will contact both the Town of Somerset and Town of Yates to verify if any major applications for proposed land uses are pending prior to Application submission. To the extent that there are major applications for proposed land uses pending at the time of Application, the Applicant will include a discussion of potential impacts on those proposed projects in the applicable Application sections.

- g) Maps of the designated coastal areas, inland waterways and local waterfront revitalization program areas; NYS Agricultural Districts; and FEMA flood hazard zones within the Study Area, and showing the proposed Facility layout in relation to these designated areas.
- h) Maps showing the proposed Facility layout in relation to recreational and other sensitive land uses within the Study Area to the extent known, including designated open space, and any known archaeological, geologic, historical or scenic area, park, designated wilderness, forest preserve lands, conservation easement lands, agricultural land enrolled in the federal conservation program of the U.S. Department of Agriculture (USDA) farm services or Natural Resources Conservation Service (NRCS), scenic byways and touring routes designated by the federal, state, or local governments, nature preserves, designated trails, and public-access fishing areas; major communication and utility uses and infrastructure; and institutional, community and municipal uses and facilities (including schools, cultural sites, museums, parks, cemeteries, water supply and wastewater treatment facilities, municipal halls, libraries and historic society collection sites); including a summary describing the nature of the probable environmental impact of facility and interconnection construction and operation on such uses, including an identification of how such impact is avoided or, if unavoidable, minimized or mitigated. With respect to the Adirondack Park State Land Master Plan, due to the Facility's location in western New York (Niagara and Orleans Counties), areas identified in the Adirondack Park State Land Master Plan will not be mapped or described in the Application.
- i) A qualitative assessment of the compatibility of the Facility and interconnection, including any off-site staging and storage areas, with existing, proposed and allowed land uses, and local and regional land use plans, within a 1-mile radius of the facility site and any interconnection route. The qualitative assessment shall include an evaluation of the short- and long-term effects of facility location as well as facility-generated noise, odor, traffic and visual impacts on the use and enjoyment of those areas for the current and planned uses. The assessment shall identify the nearby land uses of particular concern to the community, and shall address the land use impacts of the facility on residential areas, schools, civic facilities, recreational facilities, cultural resources, and commercial areas. The Applicant will consult with the NYS Department of Agriculture & Markets and the Cornell Cooperative Extension on potential effects of the Facility on agricultural land uses, such as orchards and field crop pollination, as a result of Facility operation, and report results of studies performed regarding such consultations.
- j) A qualitative assessment of the compatibility of above-ground interconnections and related facilities with existing, potential, and proposed land uses within the Study Area.

- k) A qualitative assessment of the compatibility of underground interconnections and related facilities with existing, potential, and proposed land uses within 300 feet from the centerline of such interconnections or related facilities.
- l) An analysis of the consistency of the project with the relevant provisions of the New York Coastal Zone Management Program, the Town of Somerset Local Waterfront Revitalization Plan (LWRP) and the Joint Kendall, Yates, Carlton LWRP.
- m) Aerial photographs using recent edition aerial photography, such as USGS, NYSGIS, or USDA's National Agriculture Imagery Program (NAIP), for representing recent and current land use of all properties within the Study Area of such scale and detail to enable discrimination and identification of all natural and cultural features.
- n) Overlays on recent edition and representative aerial photographs which clearly identify the Facility site, facilities arrangement, and interconnection route, the limits of proposed clearing or other changes to the topography, vegetation or man-made structures, and the location of access and maintenance routes.
- o) For the purposes of the Application, the USDA NAIP is the photographer for all aerial photographs submitted for this Exhibit, unless otherwise specifically designated.

A description of community character in the area of the proposed Facility, including defining features and interactions of the natural, built and social environment, and how those features are used and appreciated in the community, and an analysis of impacts of Facility construction and operation on community character, and identification of avoidance or mitigation measures that will minimize adverse impacts on community character. The Application will also include a discussion of farming trends, including conversion of traditional farming practices and the development of value-added activities such as agricultural support businesses and agri-tourism.

Stipulation 5-1001.5 Exhibit 5: Electric System Effects

Exhibit 5 shall contain:

- a) A System Reliability Impact Study (SRIS), performed in accordance with the open access transmission tariff of the New York Independent System Operator, Inc. (NYISO) approved by the Federal Energy Regulatory Commission. The SRIS will be conducted using the power flow, stability, and short circuit base cases developed by the NYISO, and will include the representation of proposed projects that have already been cost allocated, up to and including Class Year 2012. The SRIS will include the new electric interconnection between the facility and the point of interconnection, as well as any other system upgrades required.
- b) An evaluation of the potential significant impacts of the Facility and its interconnection to transmission system reliability, as evaluated in the SRIS, and the ability of the energy produced by the Facility to reach areas of electricity demand.