

Appendix I
Representative Photos



Photo 01

Preliminary access road construction



Photo 02

Restoration of land adjacent to access road

Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

Appendix I: Representative Photos - Representative Construction Photographs for Wind Energy Projects



Photo 03

Typical finished access road

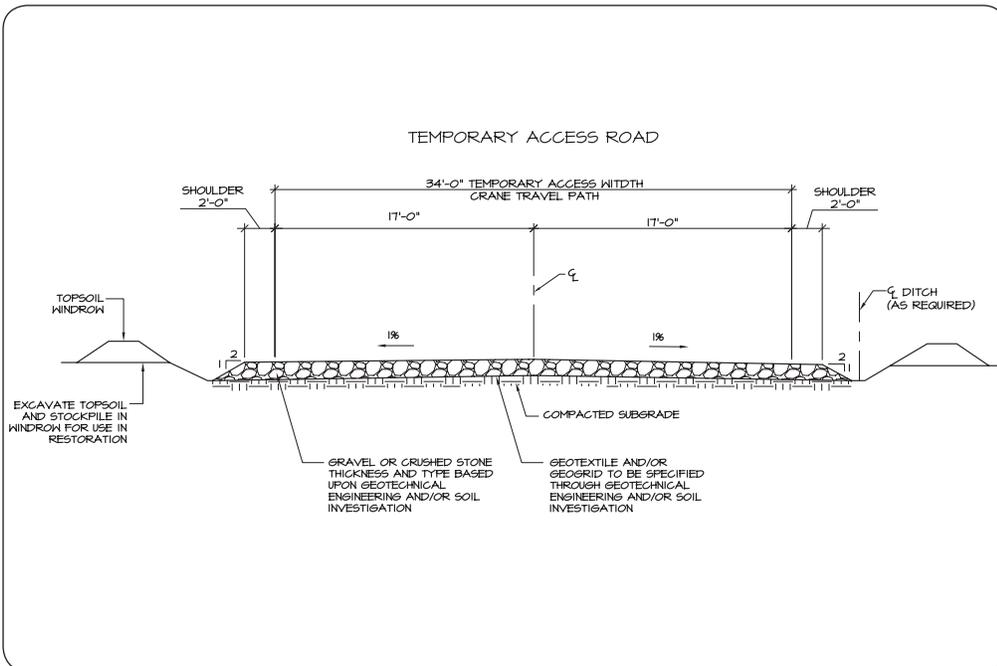


Photo 04

Access road typical detail

Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

Appendix I: Representative Photos - Representative Construction Photographs for Wind Energy Projects

Photo 05

Access road typical detail

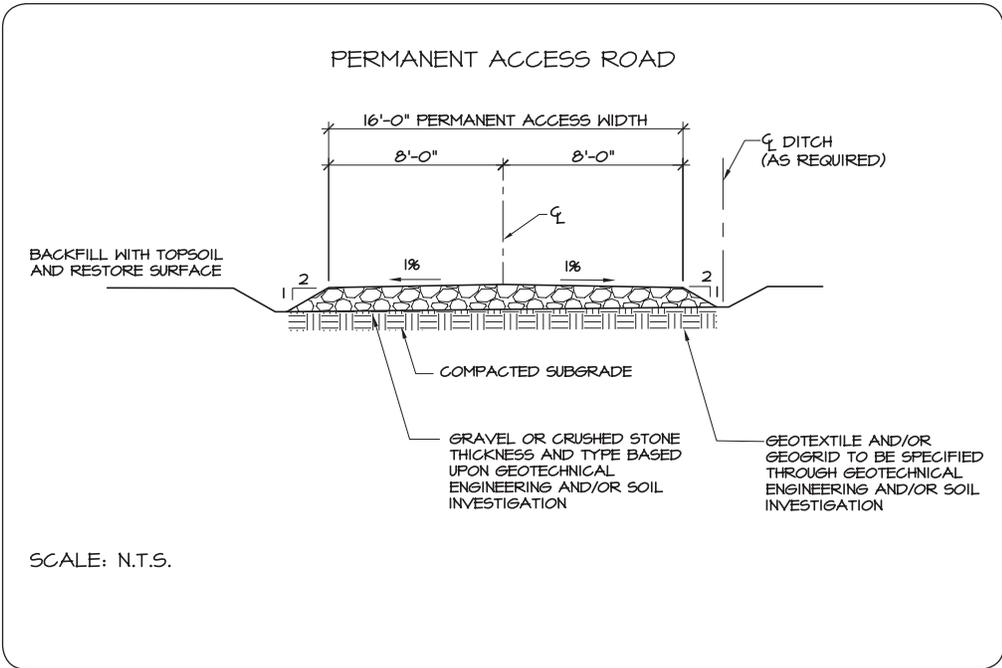


Photo 06

Buried interconnect installation



Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

Appendix I: Representative Photos - Representative Construction Photographs for Wind Energy Projects





Photo 07

Typical trench associated with buried interconnect installation



Photo 08

In-progress restoration of buried interconnect impact

Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

Appendix I: Representative Photos - Representative Construction Photographs for Wind Energy Projects

Photo 09

Buried interconnect typical detail

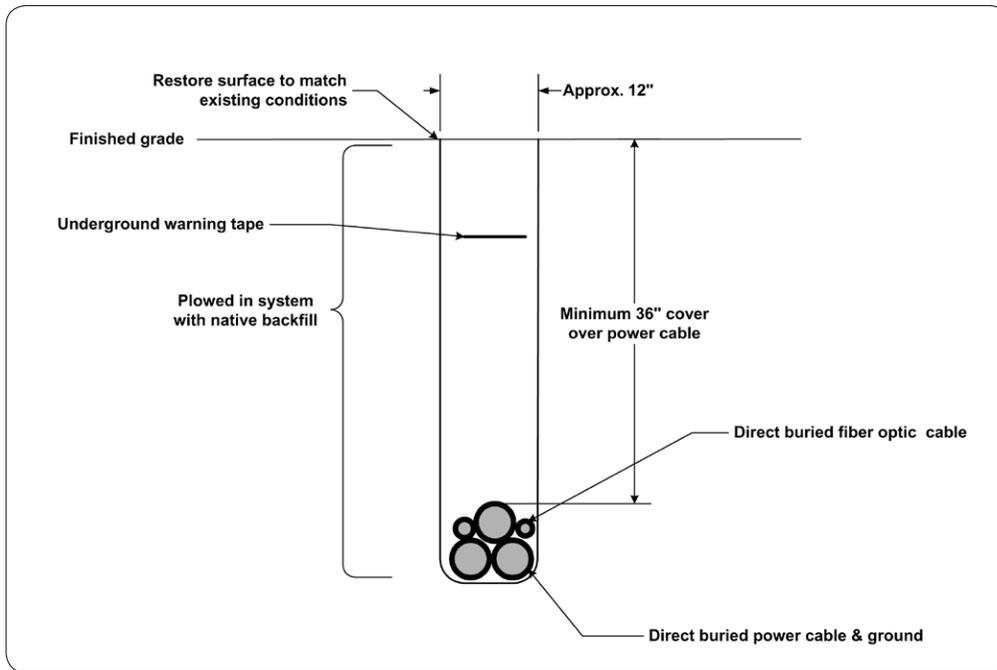
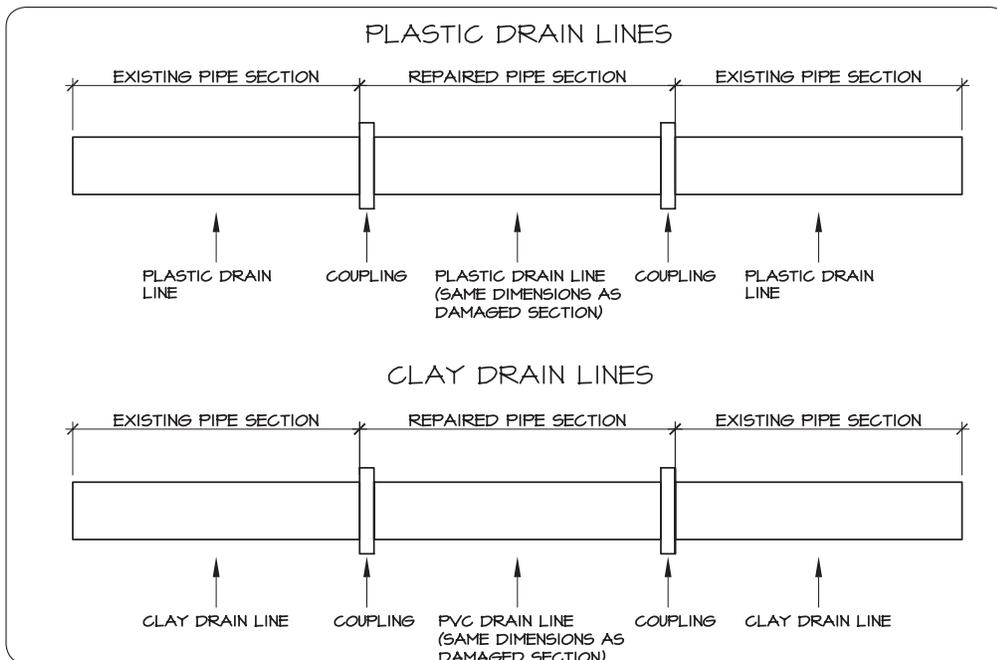


Photo 10

Drain line repair typical detail



Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

Appendix I: Representative Photos - Representative Construction Photographs for Wind Energy Projects



Photo 11

Turbine foundation construction



Photo 12

Turbine foundation construction

Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

Appendix I: Representative Photos - Representative Construction Photographs for Wind Energy Projects



Photo 13

Turbine foundation construction

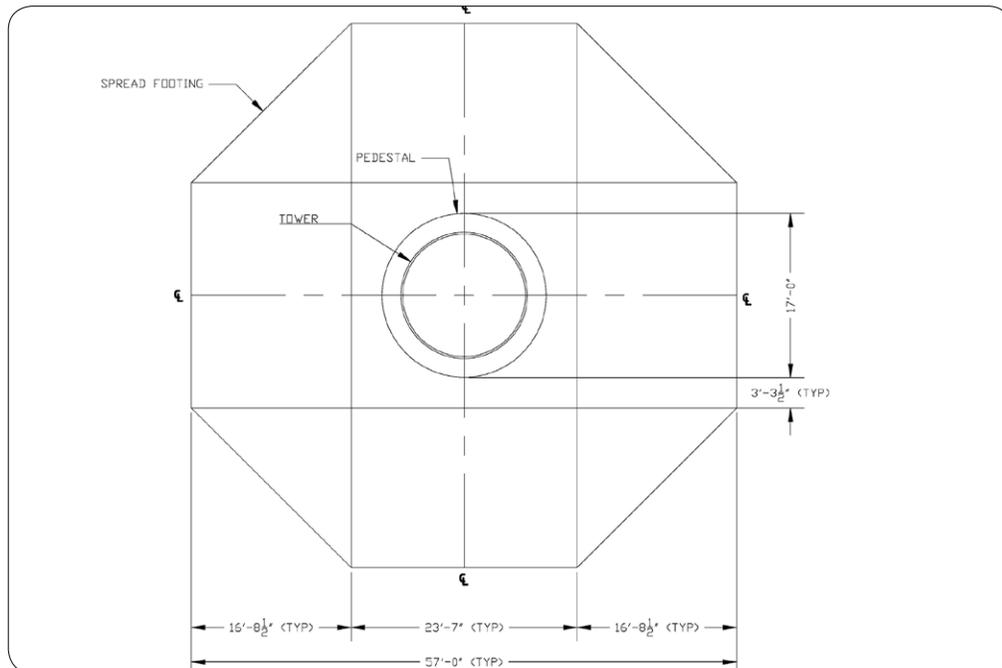


Photo 14

Turbine foundation typical detail

Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

Appendix I: Representative Photos - Representative Construction Photographs for Wind Energy Projects



Photo 15

Transportation of turbine components



Photo 16

Typical turbine workspace

Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

Appendix I: Representative Photos - Representative Construction Photographs for Wind Energy Projects



Photo 17
Erection of turbine



Photo 18
Typical operational turbines

Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

Appendix I: Representative Photos - Representative Construction Photographs for Wind Energy Projects



Photo 19
Typical substation



Photo 20
Public road improvement

Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

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Photo 21

Turning radius public road improvement



Photo 22

Typical temporary stream diversion

Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

Appendix I: Representative Photos - Representative Construction Photographs for Wind Energy Projects

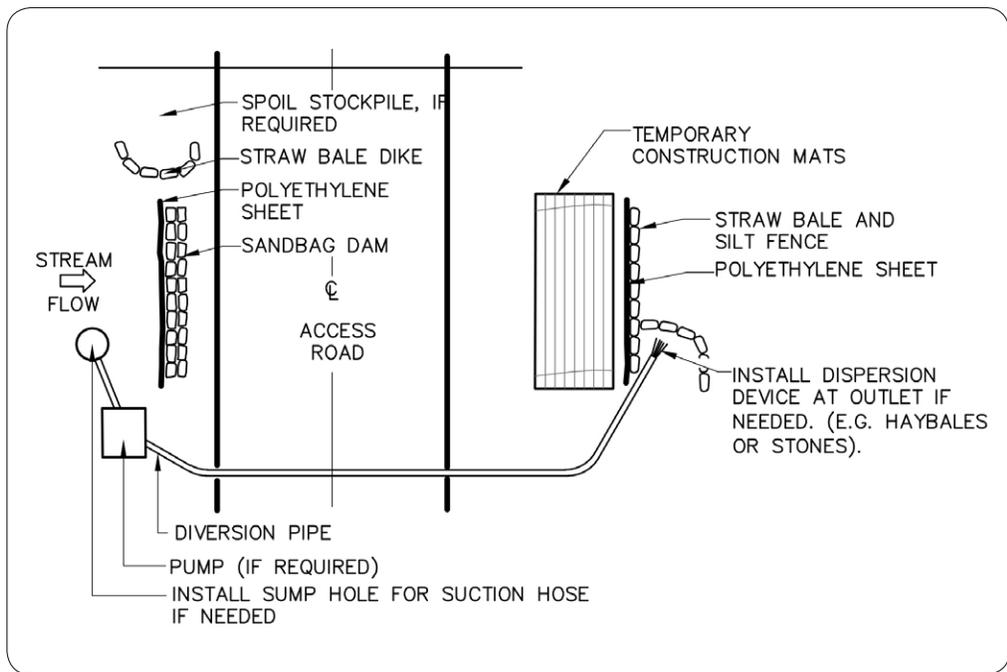


Photo 23
Temporary stream diversion
typical detail



Photo 24
Typical sump pit

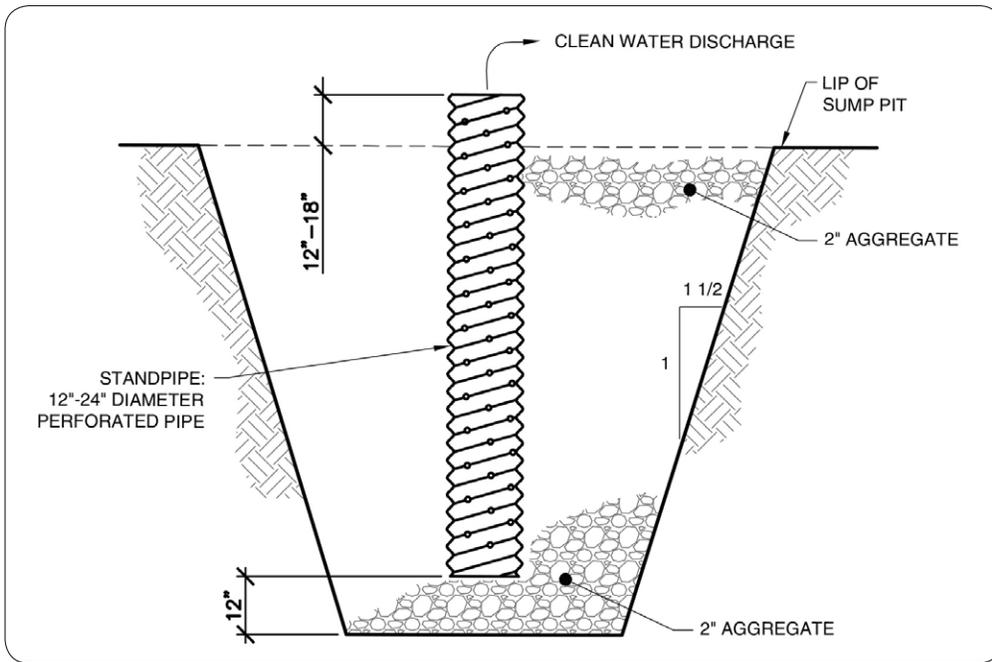
Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

Appendix I: Representative Photos - Representative Construction Photographs for Wind Energy Projects

Photo 25

Sump pit typical detail



Bluestone Wind Project

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Appendix I: Representative Photos - Representative Construction Photographs for Wind Energy Projects



Photo 26
Existing Built Conditions of Fenner Wind Project at Dusk



Photo 27
Existing Built Conditions of Fenner Wind Project at Twilight



Photo 28
Existing Built Conditions of Fenner Wind Project at Night



Photo 29
Existing Built Conditions of Fenner Wind Project at Night



Photo 30
Existing Built Conditions of Fenner Wind Project at Night



Photo 31
Existing Built Conditions of Fenner Wind Project at Night

Bluestone Wind Project

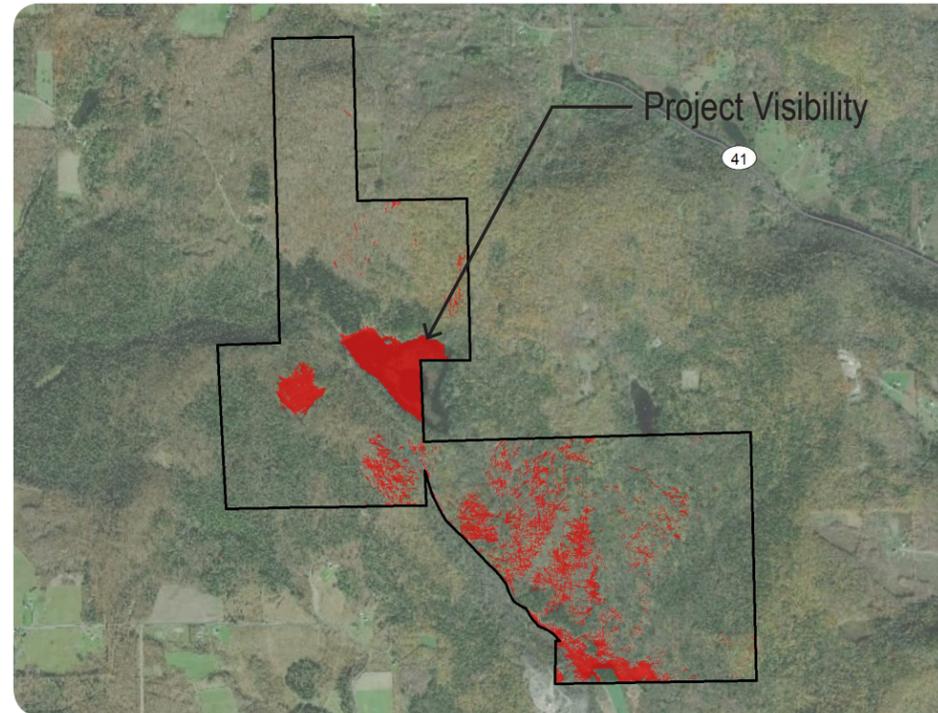
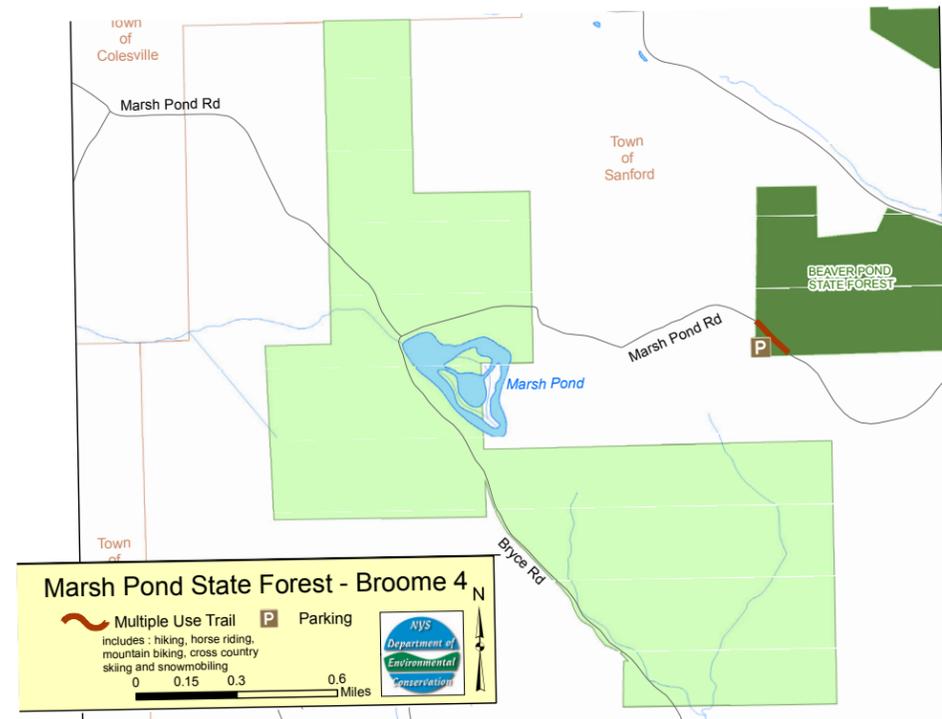
Towns of Sanford and Windsor, Broome County, New York

Appendix I: Representative Photos - FAA Night time Lighting Photographs for Wind Energy Projects

Appendix J

State Forest Lands

Marsh Pond State Forest



Marsh Pond State Forest is located in the Town of Colesville and Sanford, Broome County, approximately 0.2 mile from the nearest proposed turbine. Components of the proposed Project occur directly adjacent to this forest. Within this property there are no formal trails and most people tend to stick to the edges of Marsh Pond where the two primitive campsites are located as well as the roof top portage for March Pond. The site is managed for timber production, but permitted activities include camping, hiking, paddling, fishing, hunting, and trapping. The forest contains a wide array of different forest types, including northern hardwood, hemlock, and oak.

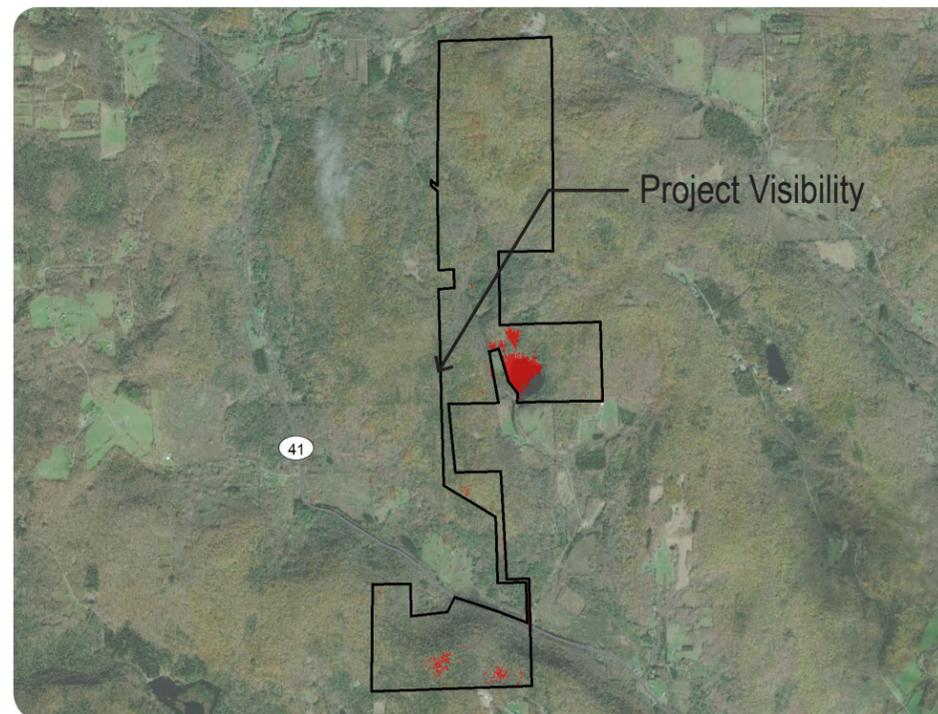
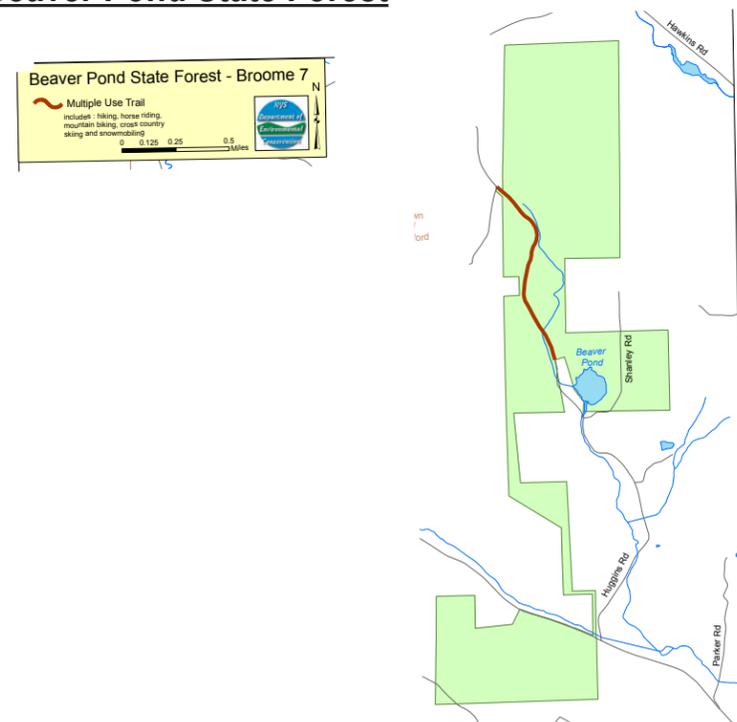
State Forest Trails: No designated trails present

Total State Forest within Visual Study Area:: 892 acres

Blade Tip Visibility: 107.3 acres or 12.0% of total area

FAA Light Visibility: 80.6 acres or 9.0% of total area

Beaver Pond State Forest



Beaver Pond State Forest: Beaver Pond, formerly Page Pond, is located in the Town of Sanford, Broome County approximately 0.7 mile from the nearest proposed turbine. It is named after a 17-acre pond that is partially situated in the state forest. A single multiple use recreation trail runs north and south through the forest. The most popular recreational activities on the forest are hunting and cross-country skiing, though other permitted activities include hiking, camping, biking, fishing, snowmobiling, cross-country skiing, snowshoeing, and horseback riding. The state forest hosts a wide variety of wildlife and is largely covered with hardwoods such as red oak, sugar maple, aspen, red maple, white ash, black cherry, and beech.

State Forest Trails: At its closest point the trails are approximately 4.1 miles from the nearest proposed turbine. A single multiple use recreation trail runs north and south through Beaver Pond State Forest. The trails are frequently used for hiking, hunting, biking, and cross-country skiing.

Total State Forest within Visual Study Area: 817 acres

Blade Tip Visibility: 28.5 acres or 3.5% of total area

FAA Light Visibility: 17.3 acres or 2.1% of total area

Bluestone Wind Project

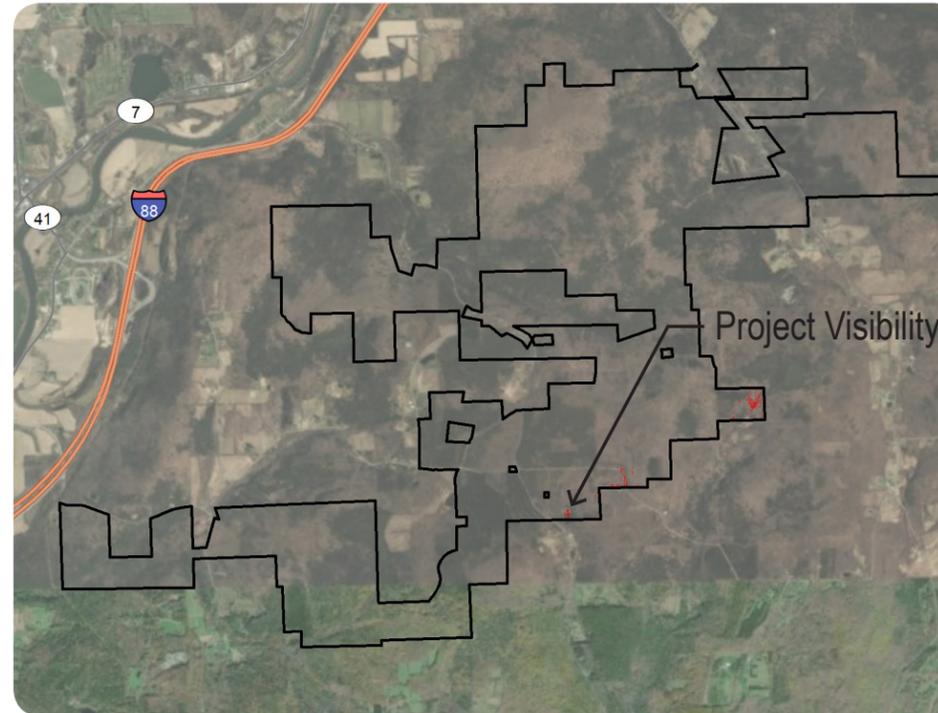
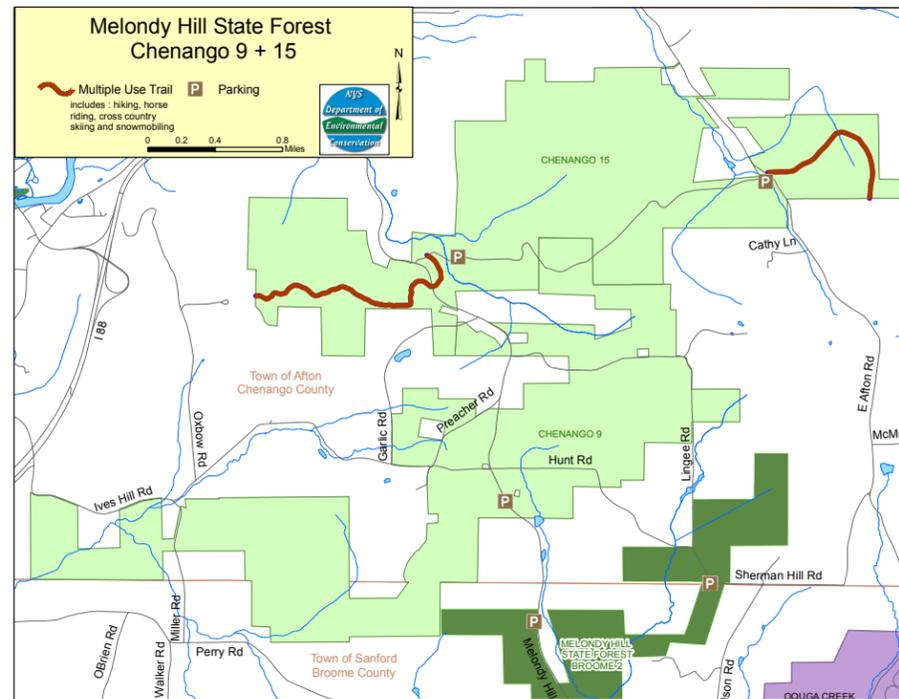
Towns of Sanford and Windsor, Broome County, New York

Appendix J: State Forest Land Analysis

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Notes: Illustrated Maps provided by New York State Department of Environmental Conservation and can be found at www.dec.ny.gov/lands

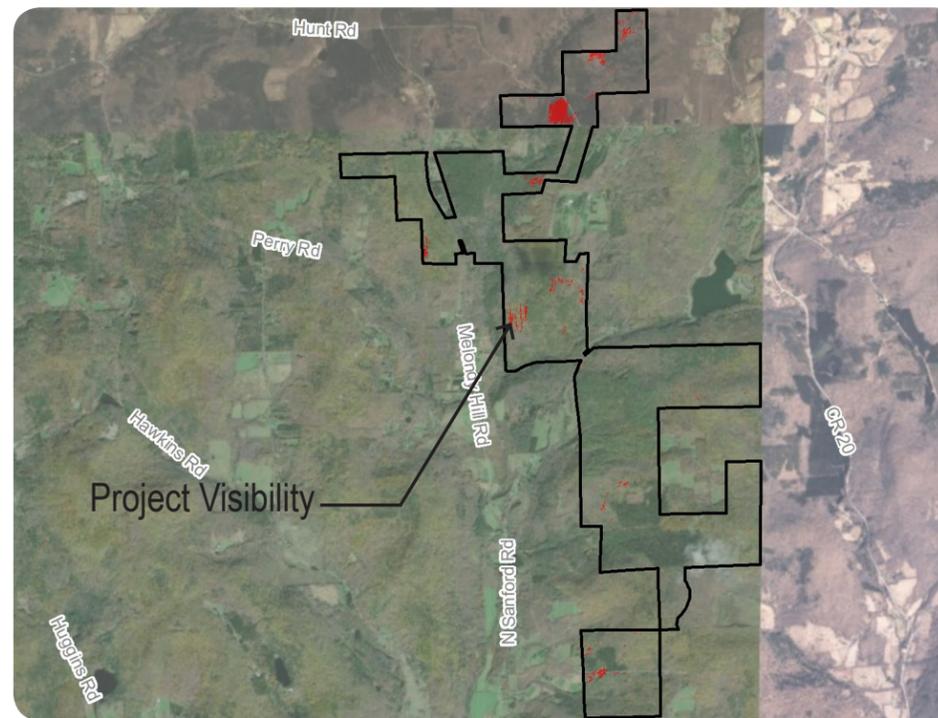
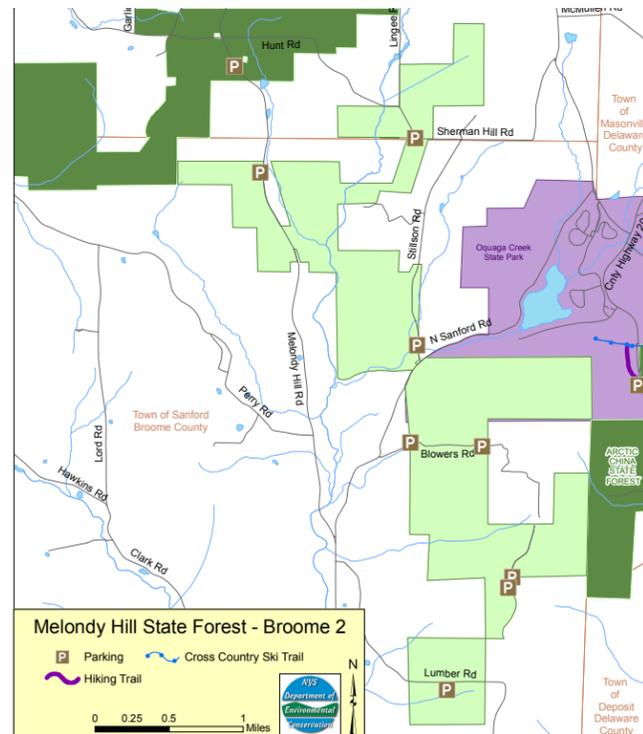
Melody Hill State Forest - Chenengo 9 + 15



Melody Hill State Forest is located in the Town of Afton in Chenango County, the Town of Masonville in Delaware County, and the Town of Sanford in Broome County, approximately 1.6 miles from the nearest proposed turbine. Melody Hill State Forest is comprised of 5,417 acres of contiguous forests land. The forest has a multiple use trail that runs from east to west in the northern part of the forest. Hiking, skiing, horseback riding, and snowmobiling can be undertaken on this trail. In addition, opportunities for fishing, hunting, nature observation and primitive camping abound.

State Forest Trails: Melody State Forest contains a multiple use trail that runs from east to west in the northern part of the forest. Hiking, cross-country skiing, horseback riding, and snowmobiling can be undertaken on this trail. The trails also offer opportunities for fishing, hunting, nature observation, and primitive camping. At its closest point, the trail is approximately 7.2 miles away from the nearest proposed turbine.

Melody Hill State Forest - Broome 2



Total State Forest within Visual Study Area: 5,617 acres
Blade Tip Visibility: 43.2 acres or 0.8% of total area
FAA Light Visibility: 27.8 acres or 0.5% of total area

Bluestone Wind Project

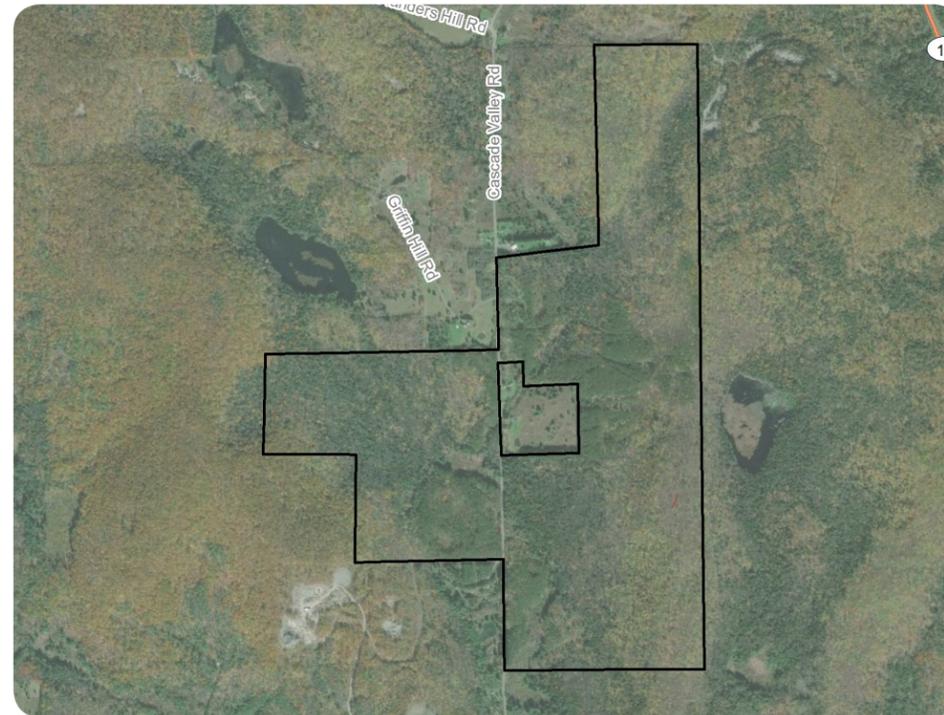
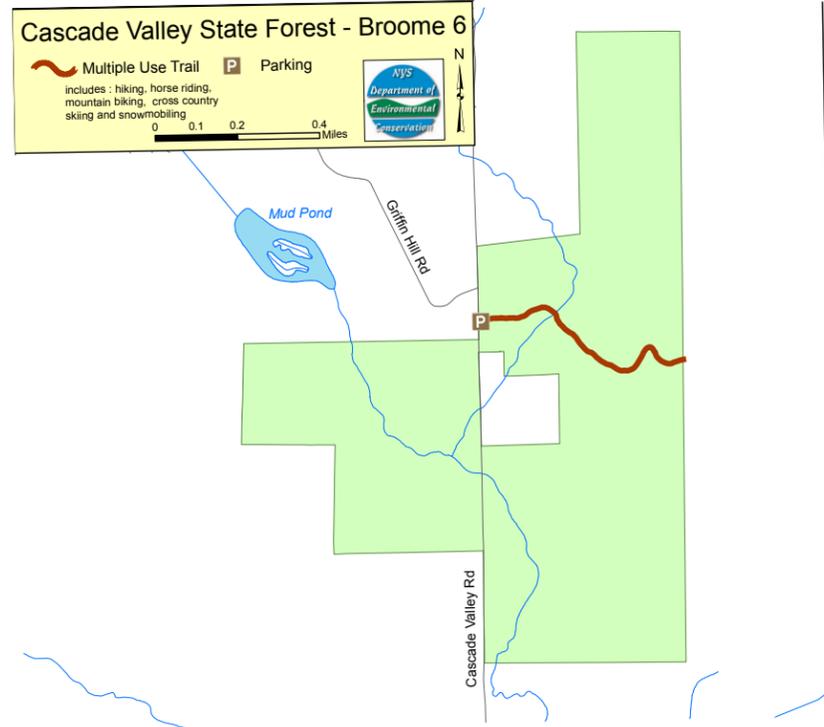
Towns of Sanford and Windsor, Broome County, New York

Appendix J: State Forest Land Analysis

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Notes: Illustrated Maps provided by New York State Department of Environmental Conservation and can be found at www.dec.ny.gov/lands

Cascade Valley State Forest



Cascade Valley State Forest is located in the Town of Windsor, Broome County, New York, approximately 1.7 miles away from the nearest proposed turbine. The forest covers 533 acres is managed for timber harvest, and contains a multiple use recreation trail which runs east to west through the middle of the forest. The forest is named for the tributary flowing through it which eventually flows into Cascade Creek. Permitted activities include hiking, camping, biking, hunting & trapping, cross-country skiing, snowshoeing, and horseback riding. There are two wetlands on the property, both of which are beaver ponds. The wetlands also attract a great variety of wildlife such as hawks, herons, ducks, and geese.

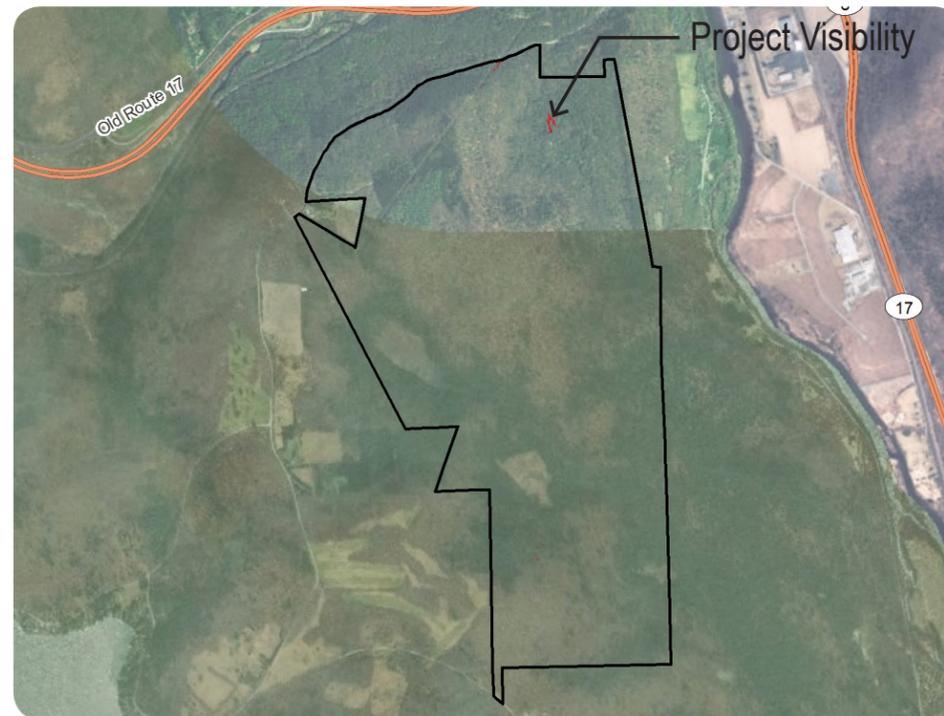
State Forest Trails: At their closest point, the trails are approximately 2.4 miles from the nearest proposed turbine. A multiple use recreation trail runs east to west through the middle of the forest to the east of Cascade Valley Road. The trails are used for hiking, biking, hunting & trapping, cross-country skiing, snowshoeing, and horseback riding.

Total State Forest within Visual Study Area: 534 acres

Blade Tip Visibility: 0.1 acres or 0.02% of total area

FAA Light Visibility: 0.01 acres or 0.0% of total area

Whitaker Swamp State Forest



Whitaker Swamp State Forest is located in the Town of Sanford in Broome County, approximately 2.3 miles away from the nearest proposed turbine. It covers 812 acres and is named after the 14-acre wetland located in the southwestern corner of the forest. The forest contains a wide array of different cover types, including northern hardwood, hemlock, white pine, oak, red pine, Norway spruce, and Japanese larch. A large, 154-acre stand of red oak dominates the upland, north of the swamp.

State Forest Trails: A 2.2-mile multiple use trail runs through the forest and connects the two main access points/road pull-offs. The multiple use trail is open for hiking, skiing, snowmobiling, horseback riding, and mountain biking. At its closest point, the trail is approximately 2.6 miles from the nearest proposed turbine.

Total State Forest within Visual Study Area: 812 acres

Blade Tip Visibility: 0.57 acres or 0.07% of total area

FAA Light Visibility: 0.25 acres or 0.03% of total area

Bluestone Wind Project

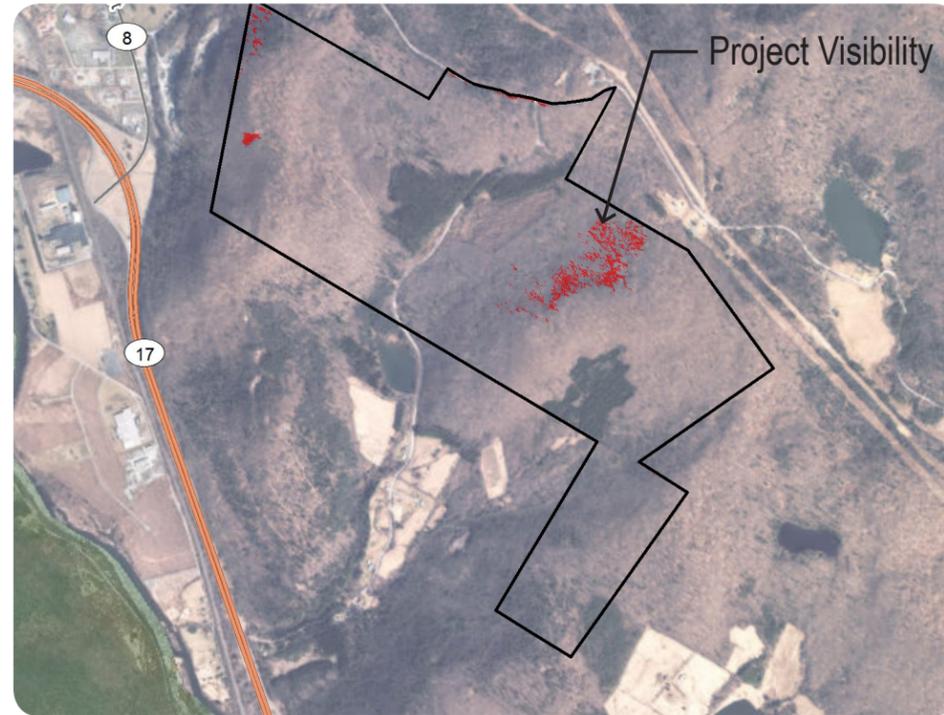
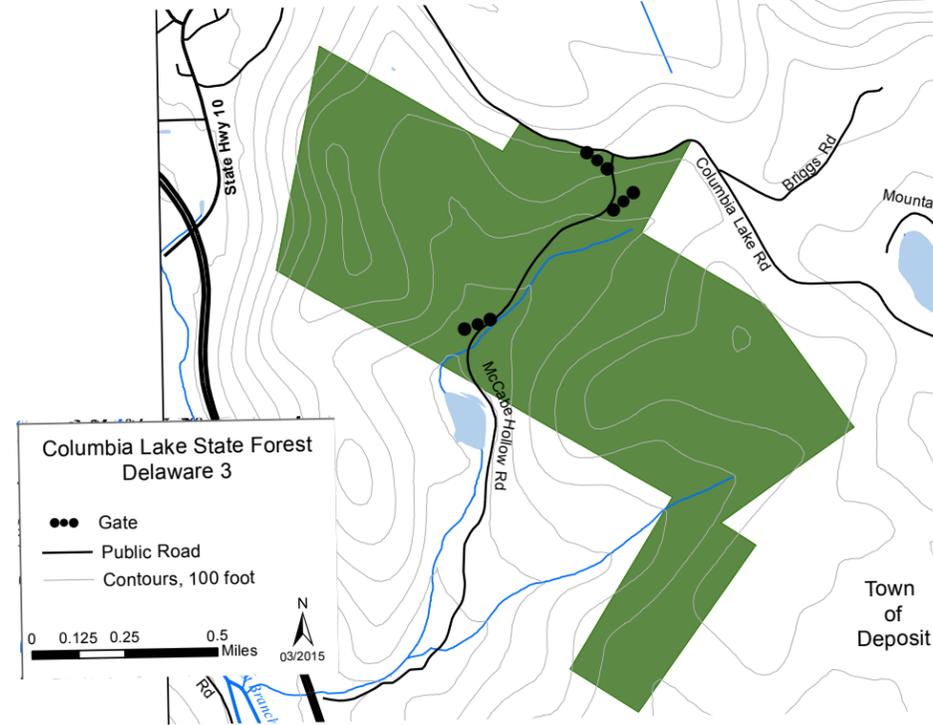
Towns of Sanford and Windsor, Broome County, New York

Appendix J: State Forest Land Analysis

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Notes: Illustrated Maps provided by New York State Department of Environmental Conservation and can be found at www.dec.ny.gov/lands

Columbia Lake State Forest



Columbia Lake State Forest is located in the Town of Deposit in Delaware County, approximately 2.5 miles away from the nearest proposed turbine. The state forest sits on a hilltop and is named for the nearby Columbia Lake, but provides no access to this private waterbody. Columbia Lake State Forest is nearly completely forested with both plantations and natural stands in various stages of growth and succession. This variety of forest types enhances hunting opportunities. Permitted opportunities include camping, hunting, and trapping.

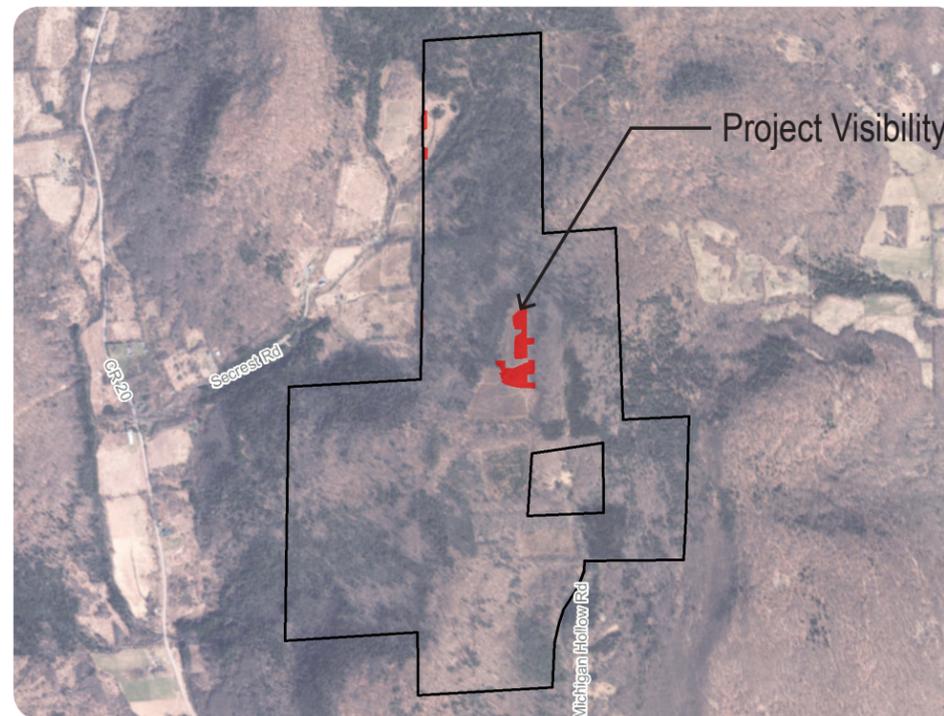
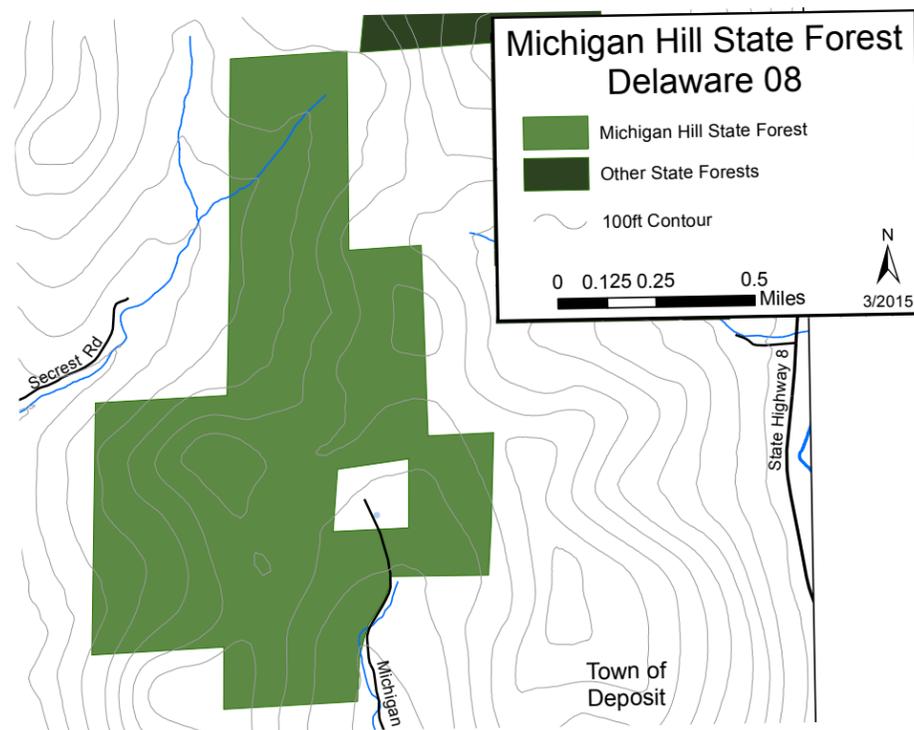
State Forest Trails: At their closest point the trails are approximately 3.3 miles from the nearest proposed turbine. Trails occurring within Columbia Lake State Forest are used for camping, hunting, and trapping.

Total State Forest within Visual Study Area: 687 acres

Blade Tip Visibility: 11.0 acres or 1.61% of total area

FAA Light Visibility: 9.15 acres or 1.33% of total area

Michigan Hill State Forest



Michigan Hill State Forest is located in the Town of Deposit in Delaware County, approximately 3.1 miles away from the nearest proposed turbine. This 619-acre state forest is completely forested with both plantations and natural stands in various stages of succession. This variety of forest types provides good hunting opportunities. Although hiking is allowed throughout the forest, there are no designated trails on this property. Other permitted activities include camping, hunting, and trapping. Winter access to this state forest is limited because Michigan Hollow is a seasonally maintained road.

State Forest Trails: No designated trails present

Total State Forest within Visual Study Area: 594 acres

Blade Tip Visibility: 6.37 acres or 1.07% of total area

FAA Light Visibility: 5.42 acres or 0.91% of total area

Bluestone Wind Project

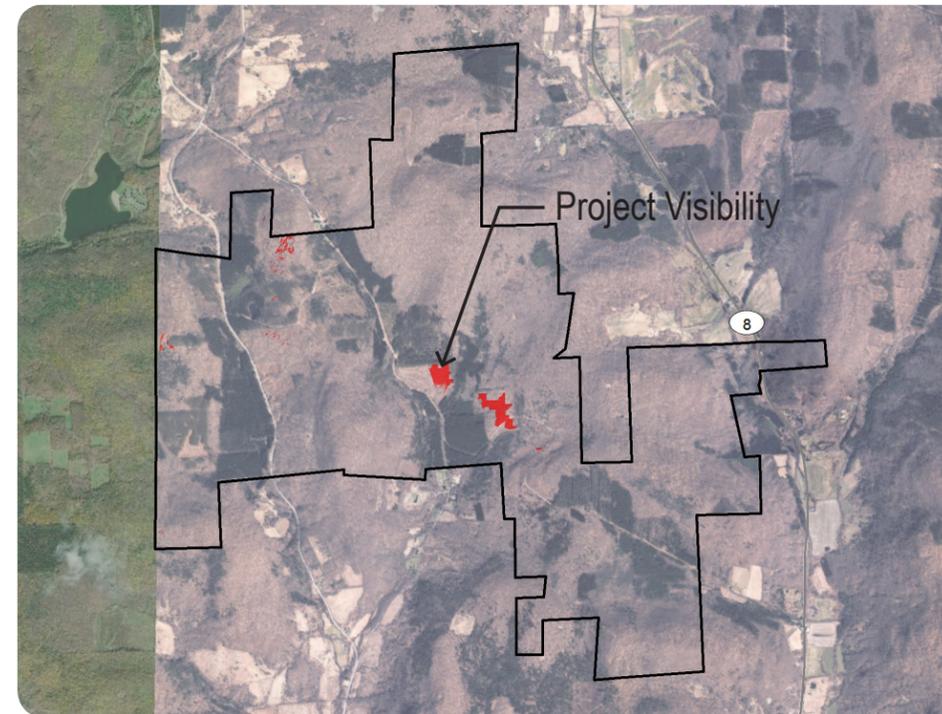
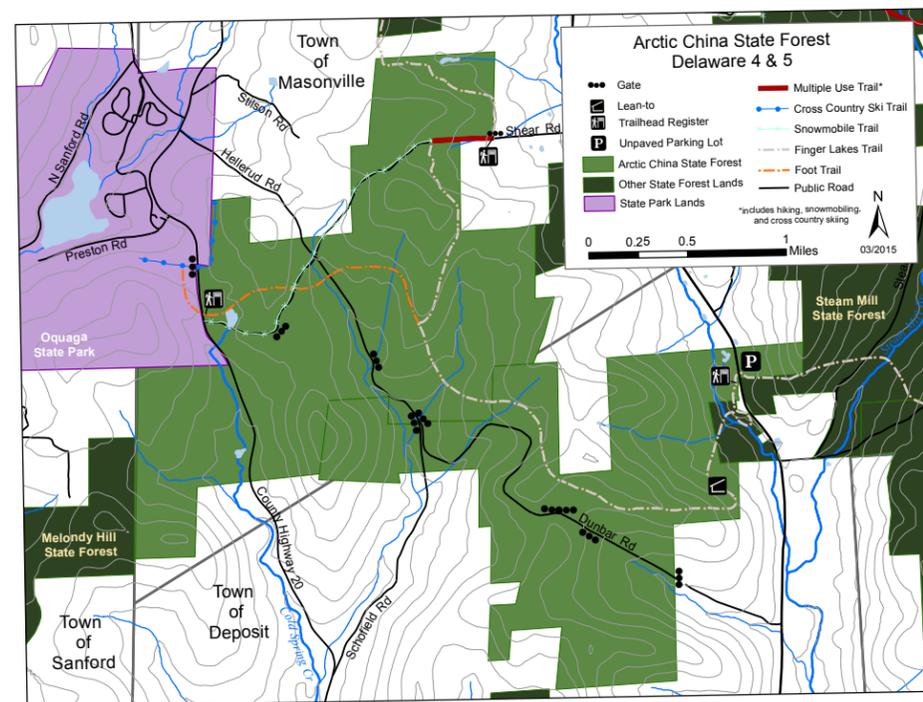
Towns of Sanford and Windsor, Broome County, New York

Appendix J: State Forest Land Analysis

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Notes: Illustrated Maps provided by New York State Department of Environmental Conservation and can be found at www.dec.ny.gov/lands

Arctic China State Forest



Arctic China State Forest is located in the Towns of Deposit and Masonville in Delaware County and the Town of Sanford in Broome County, approximately 3.1 miles from the nearest proposed turbine. The 2,959-acre property is managed for multiple benefits, including timber production, hiking, primitive camping, hunting, trapping, cross-county skiing, snowshoeing, and snowmobiling. Access to the interior of the forest is limited due to the seasonal maintenance of town roads, but several hiking trails including part of the Finger lakes Trail, traverses the forest.

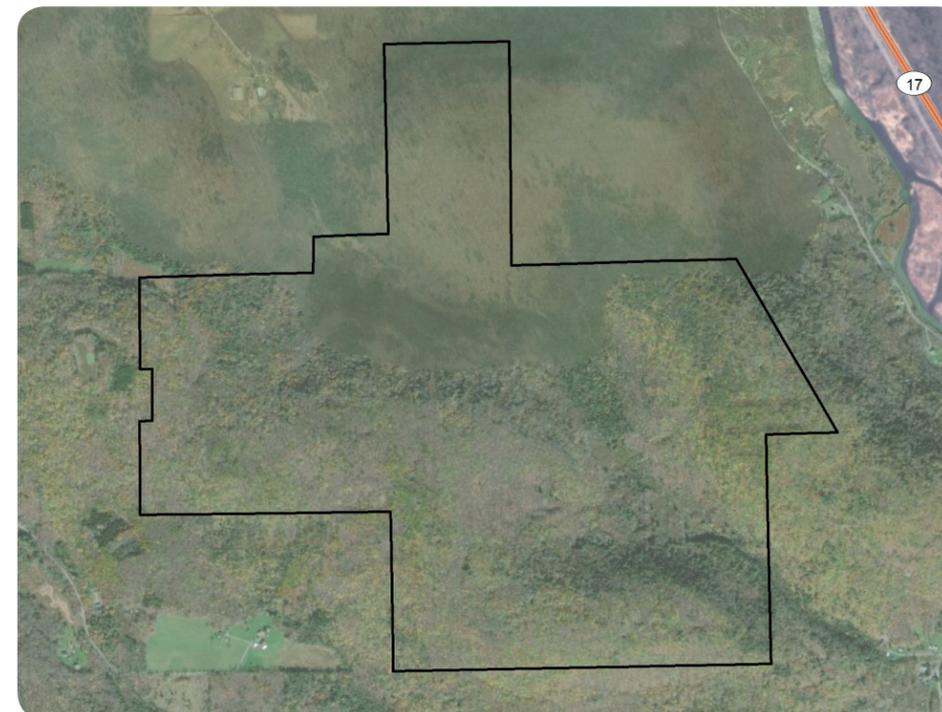
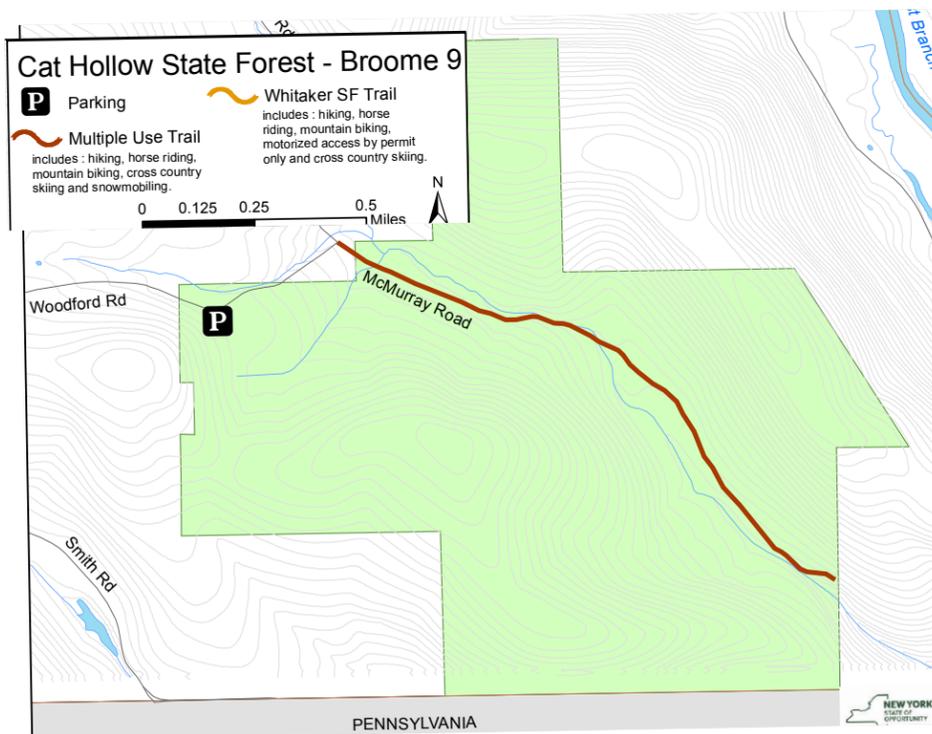
State Forest Trails: Numerous trails and access roads run through Arctic China State Forest, including Shear Road and the Finger lakes Trail. At the closest point, the trails are approximately 4.3 miles from the nearest proposed turbine. Multiple use trails can be used for hiking, camping, hunting & trapping, cross-country skiing, snowshoeing, and snowmobiling.

Total State Forest within Visual Study Area: 2,952 acres

Blade Tip Visibility: 19.60 acres or 0.66% of total area

FAA Light Visibility: 11.06 acres or 0.37% of total area

Cat Hollow State Forest



Cat Hollow State Forest is located in the Town of Sanford in Broome County, approximately 4.5 miles away from the nearest proposed turbine. The forest covers 758 acres and contains a 1.2-mile road which traverses the forest and can be used for various recreational pursuits. The area is ideal for passive recreation, such as hunting, bird watching, and hiking. Other permitted activities include camping, biking, fishing, hunting & trapping, cross-country skiing, snowshoeing, and horseback riding.

State Forest Trails: Within the forest, McMurray Road, a 1.2-mile seasonal road, traverses the forest and can be used for various recreational pursuits such as hunting, bird watching, hiking, biking, snow-shoeing, cross-country skiing, and horseback riding. At the closest point, the road is approximately 4.8 miles away from the nearest proposed turbine.

Total State Forest within Visual Study Area: 758 acres

Blade Tip Visibility: 0.02 acres or 0.0% of total area

FAA Light Visibility: 0.0 acres or 0.0% of total area

Bluestone Wind Project

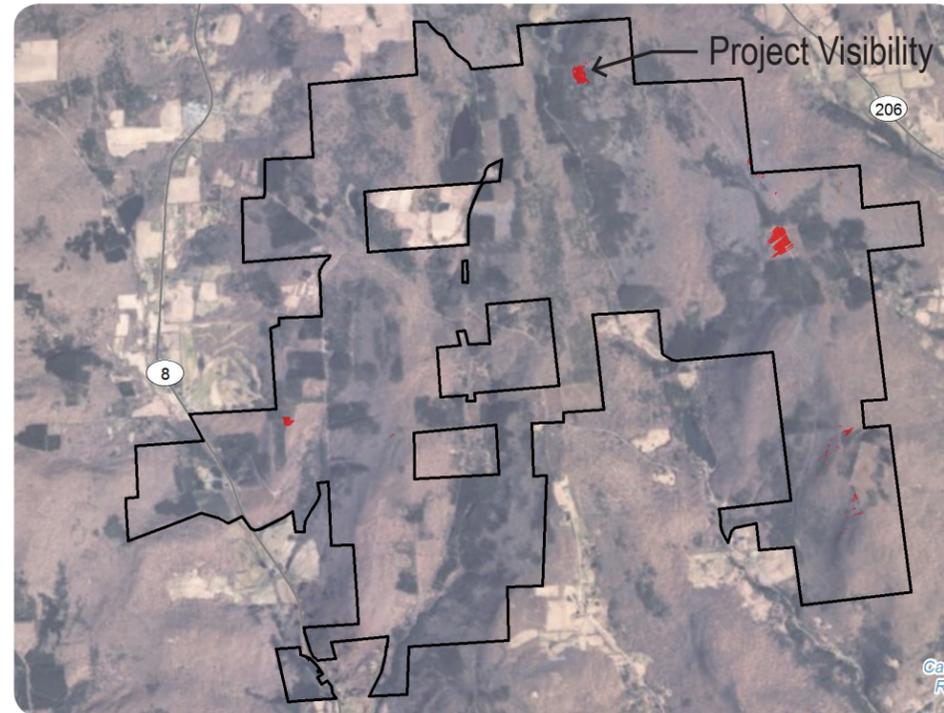
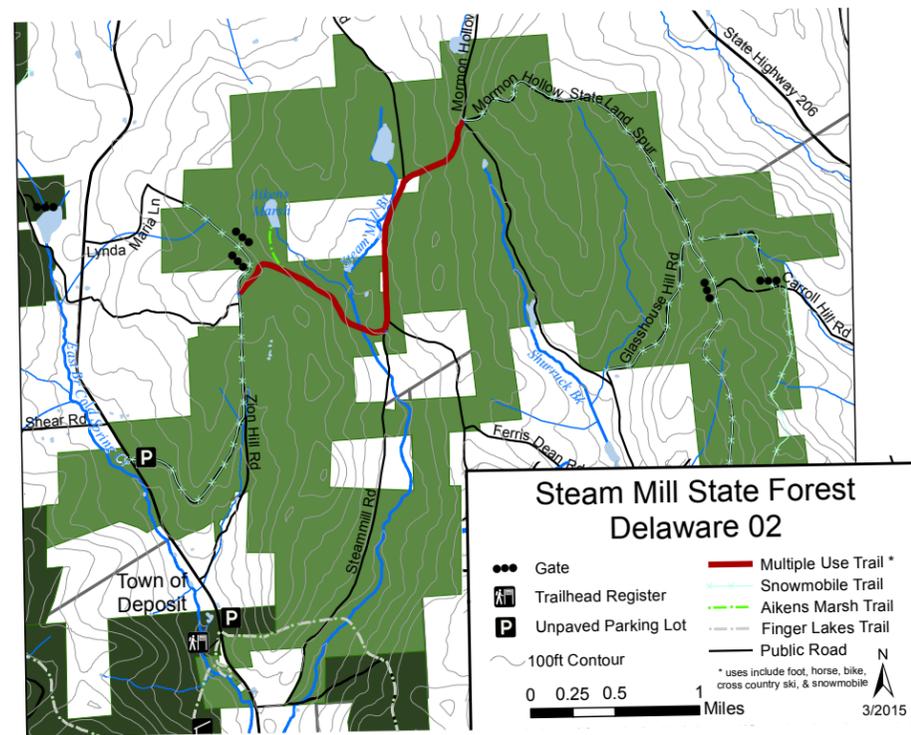
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Notes: Illustrated Maps provided by New York State Department of Environmental Conservation and can be found at www.dec.ny.gov/lands

Steam Mill State Forest



Steam Mill State Forest is located in Delaware County where the Towns of Deposit, Masonville and Tompkins meet, approximately 5.4 miles from the nearest proposed turbine. The forest is comprised of 5,618 acres and is almost completely forested with plantations and natural stands in various stages of succession. This variety of forest types provides good hunting opportunities. Permitted activities include hiking, camping, hunting & trapping, cross-country skiing, and snowshoeing. Winter access is somewhat limited due to seasonal maintenance of roads accessing the state forest.

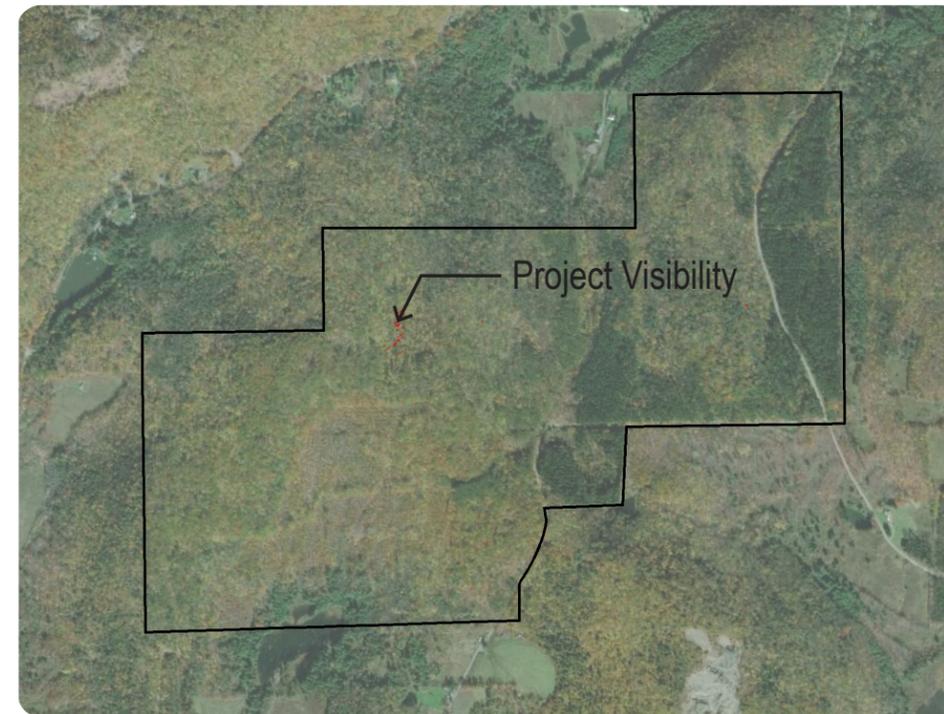
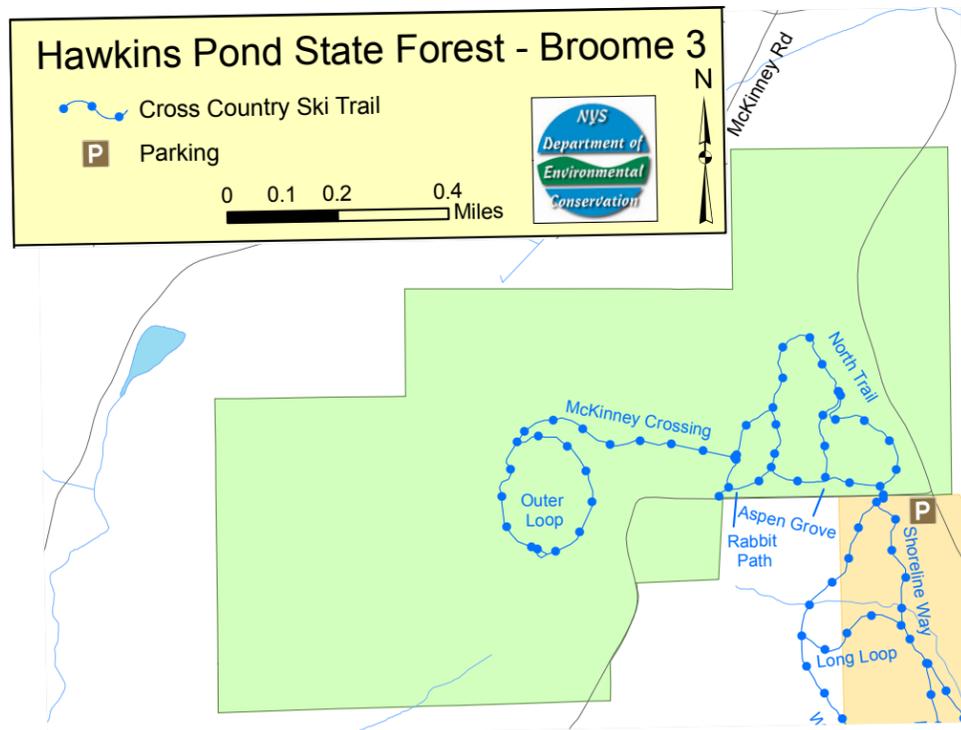
State Forest Trails: Steam Mill State Forest contains hiking, snowmobile and multiple use trails, including Aikens Marsh Trail and a portion of the Finger Lakes Trail. At its closest point, the trails are 6.3 miles from the nearest proposed turbine. The trails are frequently used for hiking, biking, horse-back riding, snowmobiling, cross-country skiing, and snowshoeing.

Total State Forest within Visual Study Area: 5,611 acres

Blade Tip Visibility: 17.9 acres or 0.32% of total area

FAA Light Visibility: 11.25 acres or 0.20% of total area

Hawkins Pond State Forest



Hawkins Pond State Forest is located in the Town of Windsor in Broome County, approximately 5.7 miles from the nearest proposed turbine. The forest covers 539 acres in Broome County and contains an extensive cross-country ski trail through the forest, which continues into the adjoining Hawkins Pond County Park. Hawkins Pond State Forest is named after Hawkins Pond, located within the adjacent county park. Recreation within the forest includes camping, fishing, hunting & trapping, cross-country skiing, and snowshoeing. The forest contains a wide array of different forest cover types, including northern hardwood, northern hardwood-hemlock, northern hardwood-white pine, oak, red pine, and Norway Spruce. Hawkins Pond State Forest is also home to a 10-acre wetland.

State Forest Trails: Hawkins Pond State Forest contains an extensive network of cross-country ski trails throughout the forest, which continue into the neighboring Hawkins Pond County Park. The State Forest trail system is approximately three miles of trails and offers trail for the beginner through expert. At its closest point, the trail is approximately 6.1 miles from the nearest proposed turbine.

Total State Forest within Visual Study Area: 534 acres

Blade Tip Visibility: 0.24 acres or 0.05% of total area

FAA Light Visibility: 0.19 acres or 0.04% of total area

Bluestone Wind Project

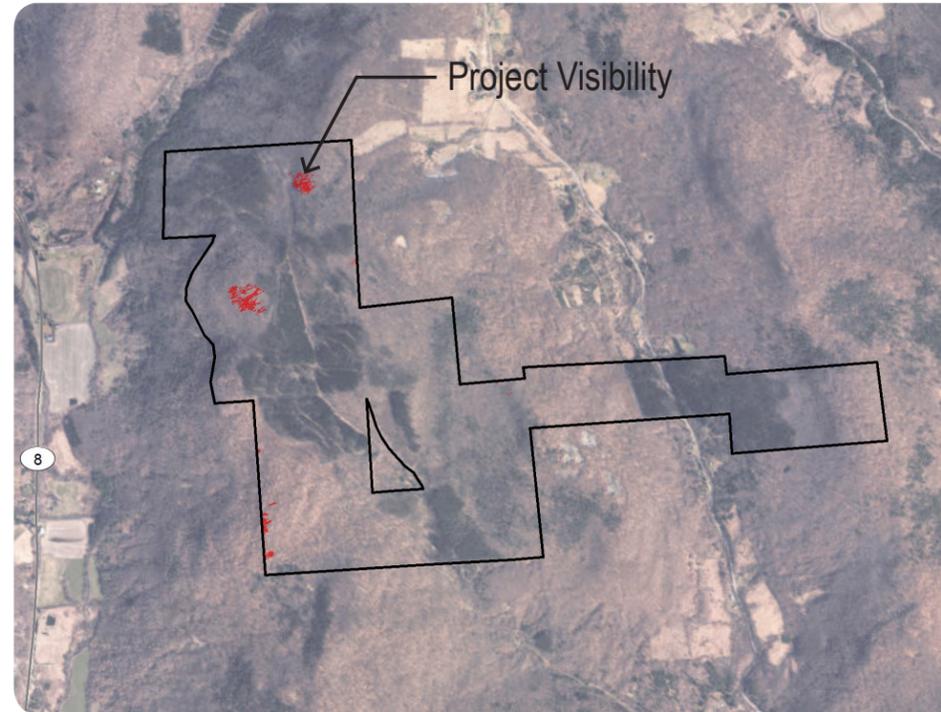
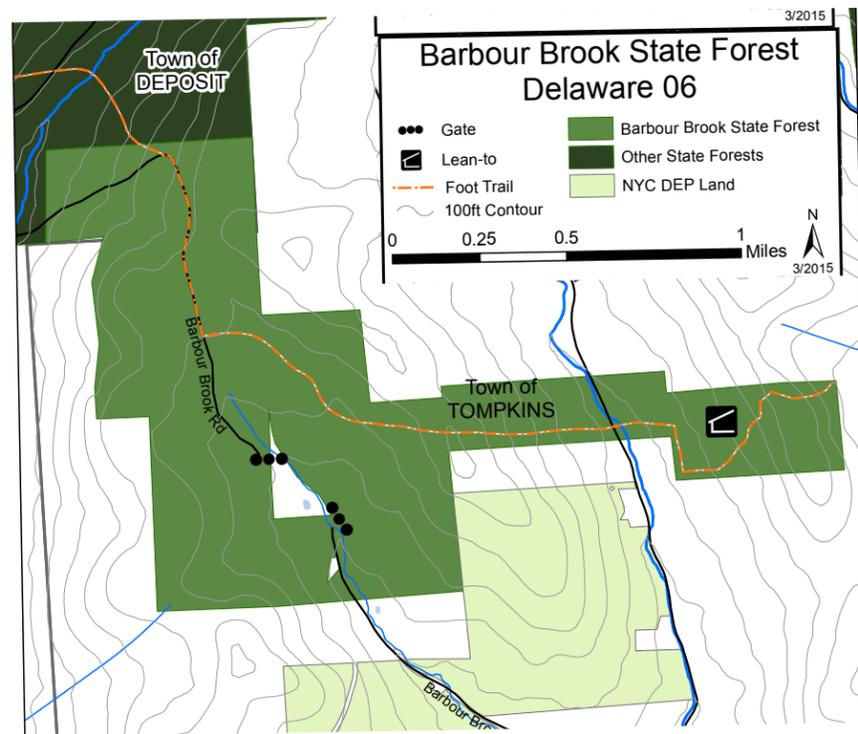
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Notes: Illustrated Maps provided by New York State Department of Environmental Conservation and can be found at www.dec.ny.gov/lands

Barbour Brook State Forest



Barbour Brook State Forest is located in the Towns of Deposit and Tompkins in Delaware County, approximately 5.9 miles from the nearest proposed turbine. This 798-acer state forest is completely forested with both plantations and natural stands in various stages of succession. The variety of forest types provides good cover for most game species. Permitted activities within the forest include hiking, camping, hunting & trapping, snowmobiling, cross-country skiing, and snowshoeing. Access is limited to this state forest in the winter due to the seasonal maintenance of access roads.

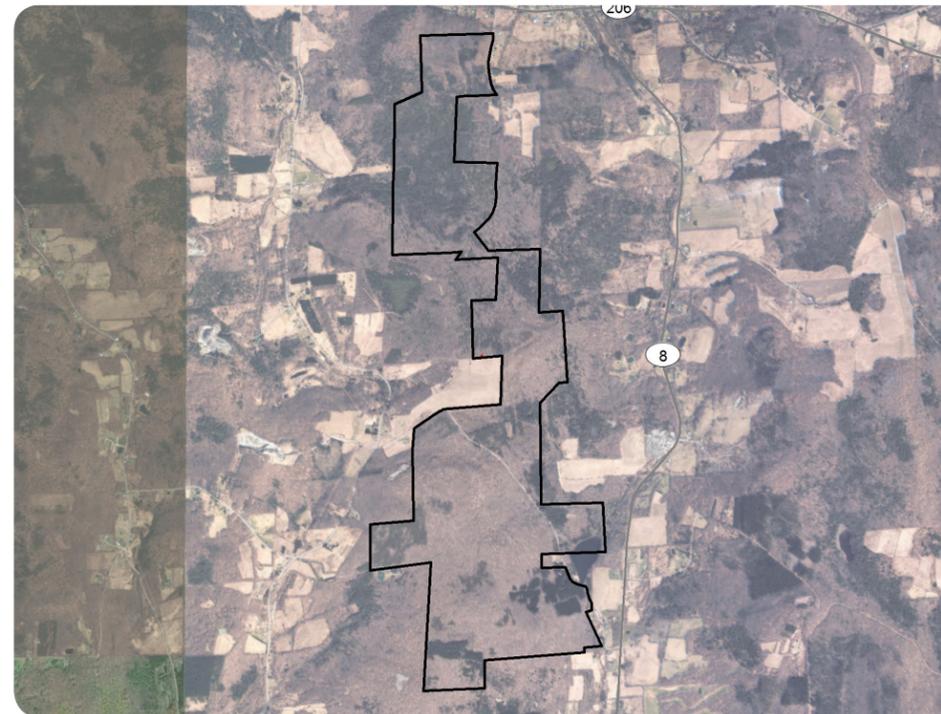
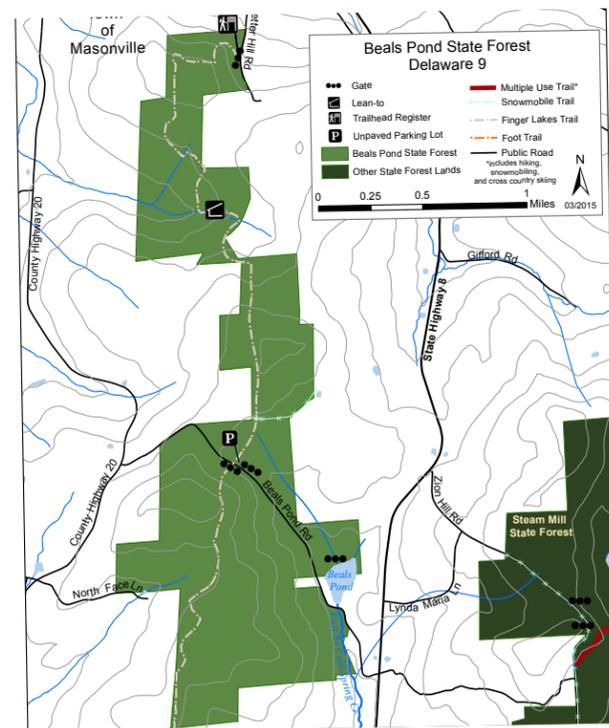
State Forest Trails: Barbour Brook State Forest is traversed by the Finger Lakes Trail. There is a lean-to along the trail in the easternmost portion of this state forest. Additionally, Barbour Brook State Forest includes a network of designated snowmobile trails. Cross-country skiing and snowshoeing are permitted on all hiking trails. At its closest point, the trail is approximately 6.3 from the nearest proposed turbine.

Total State Forest within Visual Study Area: 775 acres

Blade Tip Visibility: 5.43 acres or 0.70% of total area

FAA Light Visibility: 1.13 acres or 0.15% of total area

Beals Pond State Forest



Beals Pond State Forest is located in the Town of Masonville in Delaware County, approximately 6.0 miles from the nearest proposed turbine. The 1,116-acre state forest is comprised of both plantations and natural stands in various stages of succession. The variation in forest type provides good hunting opportunities for most game species. The state forest also offers opportunities to hike, fish, camp, and paddle on Beals Pond. Additional permitted activities include cross country skiing, snowshoeing, hunting & trapping, and snowmobiling.

State Forest Trails: Beals Pond State Forest is traversed by the Finger Lakes Trail. There is a lean-to in the northern portion of the state forest. The state forest is also bisected by a snowmobiling trail. At its closest point, the trail is approximately 6.0 from the nearest proposed turbine.

Total State Forest within Visual Study Area: 1,117 acres

Blade Tip Visibility: 0.19 acres or 0.02% of total area

FAA Light Visibility: 0.18 acres or 0.02% of total area

Bluestone Wind Project

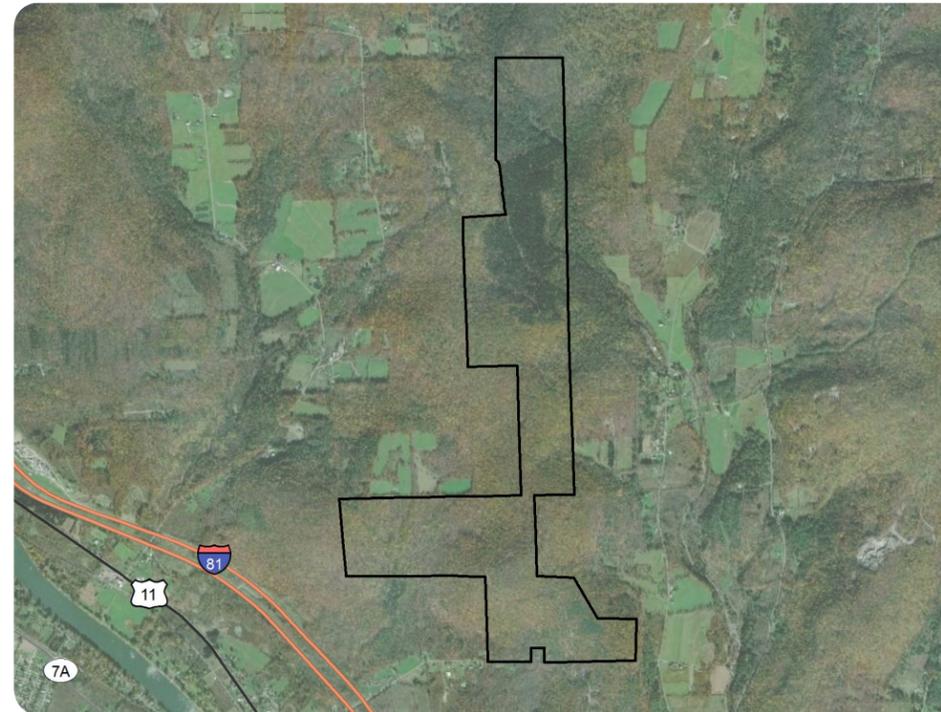
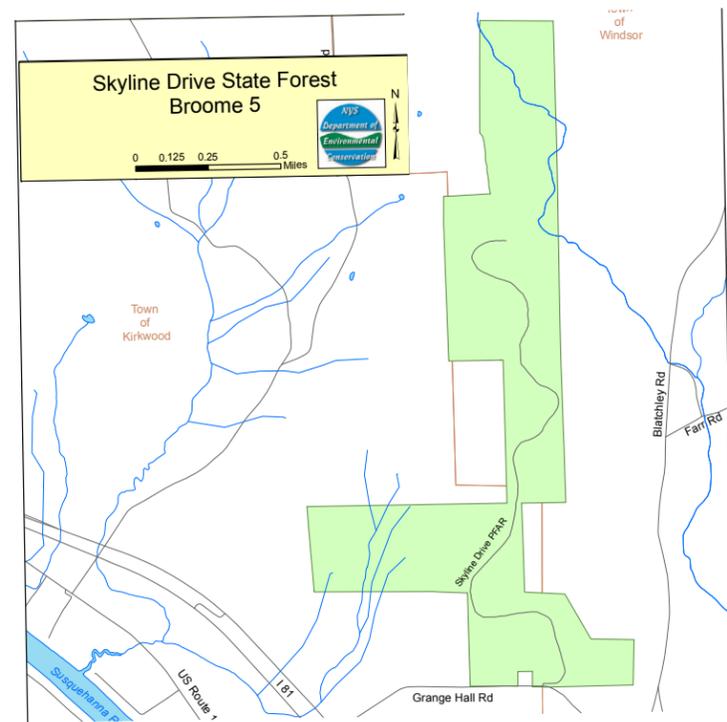
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Notes: Illustrated Maps provided by New York State Department of Environmental Conservation and can be found at www.dec.ny.gov/lands

Skyline Drive State Forest

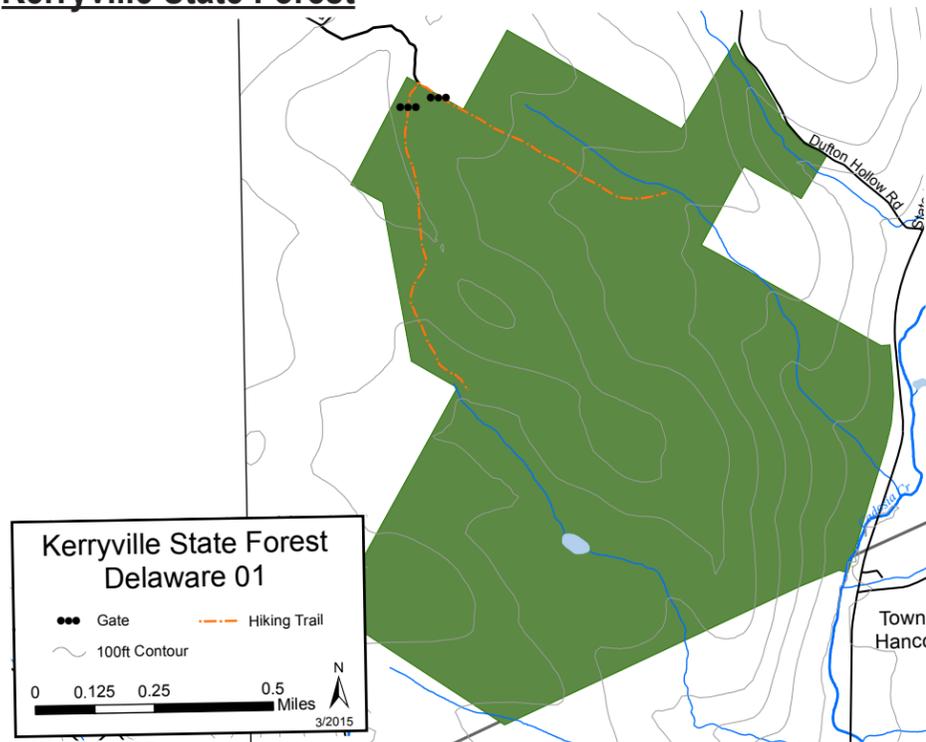


Total State Forest within Visual Study Area: 383 acres | Blade Tip Visibility: 0.0 acres or 0.0% of total area | FAA Light Visibility: 0.0 acres or 0.0% of total area

Skyline Drive State Forest is located in the Towns of Kirkwood and Windsor in Broome County, approximately 9.2 miles from the nearest proposed turbine. Skyline Drive State Forest covers 533 acres and is considered an ideal location for passive recreation such as hunting, trapping, and fishing. Additional permitted activities in the forest include camping, cross-country skiing, and snowshoeing. Many species of wildlife can be found within Skyline Drive State Forest, including white-tail deer, wild turkey, a wide variety of birds, and black bears. The forest cover on Skyline Drive State Forest is predominantly oak species, including red oak, black oak, chestnut oak, and white oak. The northern section of the forest has a northern hardwood-hemlock mixture as well as wetland and a tributary to Trowbridge Creek. Several sections of the property have been planted with conifer species such as red pine and Norway spruce.

State Forest Trails: While no formal or designated trails are present on the property, a public forest access road winds across the ridgetop of the forest and provides views of the Susquehanna River Valley. This road is 2.3-miles long and is open for hiking. At its closet point, the road is 9.6 miles from the nearest proposed turbine.

Kerryville State Forest



Kerryville State Forest is located in the Town of Tompkins in Delaware County, approximately 9.3 miles from the nearest proposed turbine. This 698-acre state forest is mostly forested with both natural stands and plantations in various stages of succession, which provide opportunities for hunting most game species. Additionally, there are former beaver ponds in the southern portion of the forest which have become emergent wetlands. Permitted activities within the forest include hunting & trapping, hiking, and camping.

State Forest Trails: The state forest contains two gated trails, less than a mile each, which extend in an easterly direction from the northwest property boundary. One of the trails accesses two marsh ponds on the southern part of the state forest. At its closet point, the trail is 9.4 miles from the nearest proposed turbine.

Total State Forest within Visual Study Area: 506 acres

Blade Tip Visibility: 0.0 acres or 0.0% of total area

FAA Light Visibility: 0.0 acres or 0.0% of total area

Bluestone Wind Project

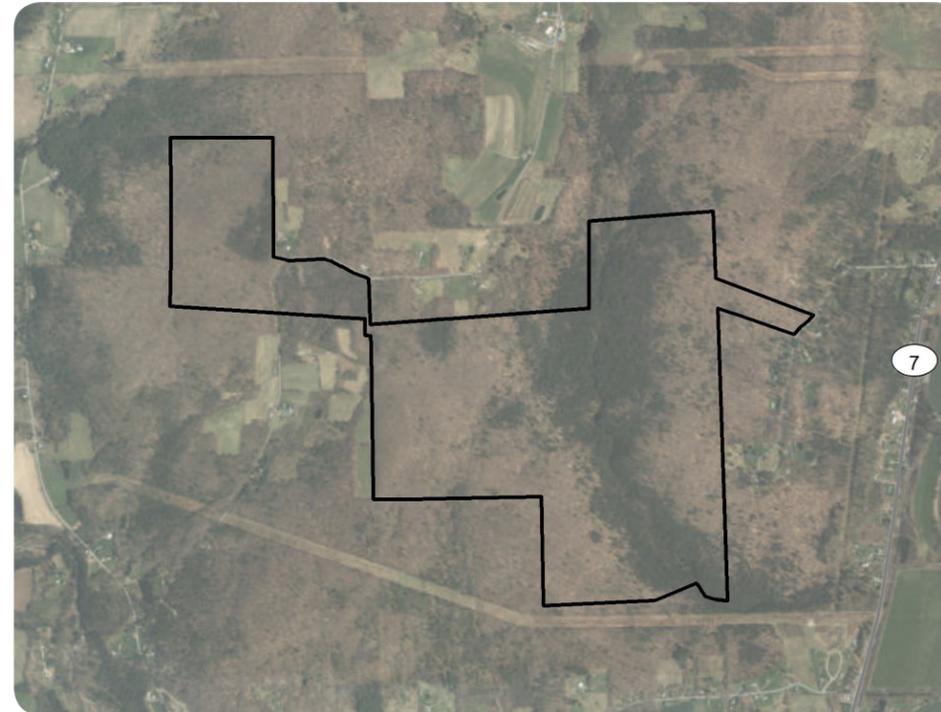
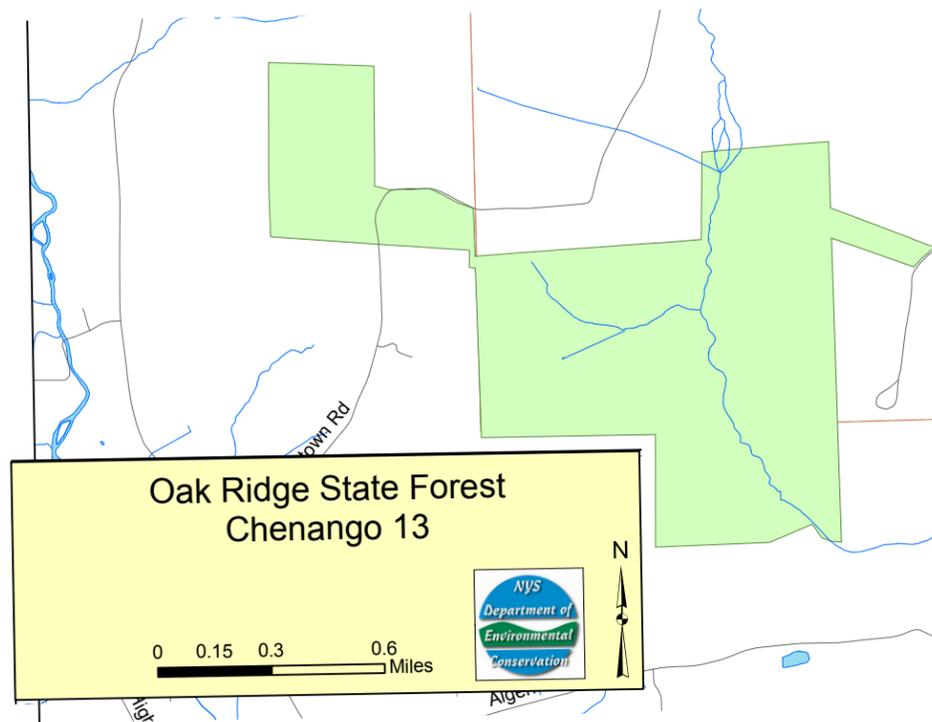
Towns of Sanford and Windsor, Broome County, New York

Appendix J: State Forest Land Analysis

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Notes: Illustrated Maps provided by New York State Department of Environmental Conservation and can be found at www.dec.ny.gov/lands

Oak Ridge State Forest



Oak Ridge State Forest is located in the Town of Bainbridge in Chenango County, approximately 9.7 miles from the nearest proposed turbine. The state forest includes 576 acres of land and is bisected by Stumptown Road, which provides access to the property. Within the forest, recreation opportunities are limited to hunting, fishing, trapping, camping, and nature observation. Oak Ridge State Forest is a hilltop forest with a 300-foot deep ravine carved out on the eastern side of the hill. The forest is a blend of planted forests of red pine, larch, and Norway spruce, and natural forest stands consisting mostly of red maple, red oak, chestnut oak, white oak, American beech, white ash, hickories, white pine, and eastern hemlock. While stands of American chestnut were decimated by blight in the 1900s, sprouts from the root systems of chestnut trees are still common.

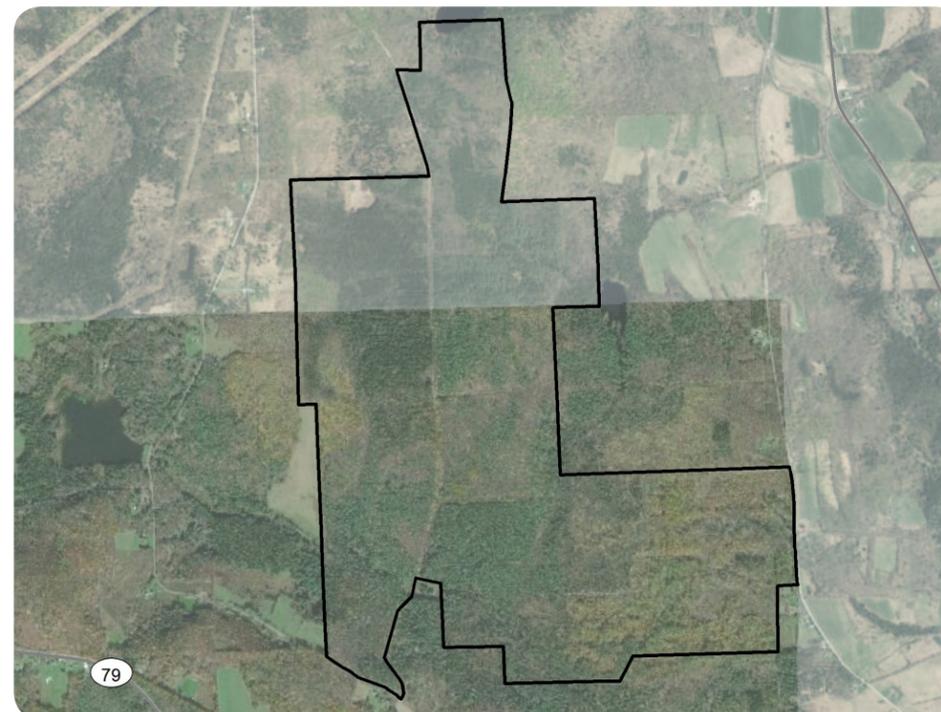
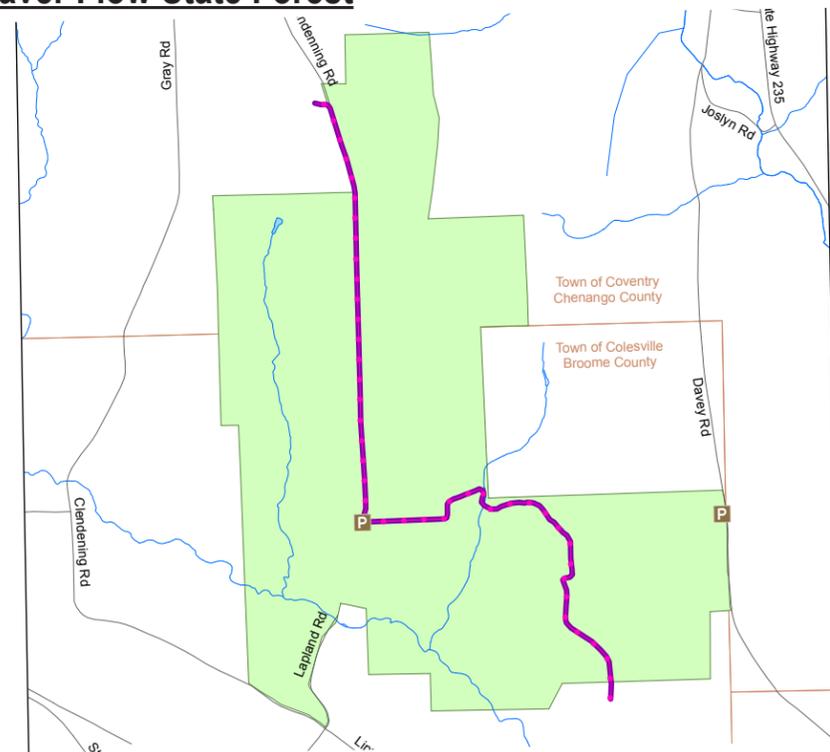
State Forest Trails: There are no maintained trails within Oak Ridge State Forest.

Total State Forest within Visual Study Area: 115 acres

Blade Tip Visibility: 0.0 acres or 0.0% of total area

FAA Light Visibility: 0.0 acres or 0.0% of total area

Beaver Flow State Forest



Beaver Flow State Forest is located in the Town of Coventry in Chenango County and the Town of Colesville in Broome County, approximately 9.4 miles from the nearest proposed turbine. Beaver Flow State Forest encompasses 1,027 acres of cultivated stands of red pine, white pine, larch, and Norway spruce, and natural forests consisting mostly of red maple, American beech, sugar maple, black cherry, white ash, white pine, and eastern hemlock. Permitted activities within the forest include hiking, camping, biking, hunting & trapping, snowmobiling, cross-country skiing, snowshoeing, and horseback riding. Forest habitat within Beaver Flow is greatly influenced by beaver activity; as beaver activity routinely changes, beaver pond sites will be at variable water levels. The beaver ponds and meadows in Beaver Flow attract many wildlife species, including ducks, herons, muskrats, raccoons, minks, and deer.

State Forest Trails: Within Beaver Flow State Forest, there is a short multiple use trail at the southwestern edge for hiking, biking, horseback riding, cross-country skiing, and snowshoeing. There is an additional longer trail for hiking and snowmobiling which runs from southeast to northwest through the forest. At its closest point, the trail is 9.4 miles from the nearest turbine.

Total State Forest within Visual Study Area: 311 acres | **Blade Tip Visibility:** 0.0 acres or 0.0% of total area | **FAA Light Visibility:** 0.0 acres or 0.0% of total area

Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

Appendix J: State Forest Land Analysis

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Notes: Illustrated Maps provided by New York State Department of Environmental Conservation and can be found at www.dec.ny.gov/lands