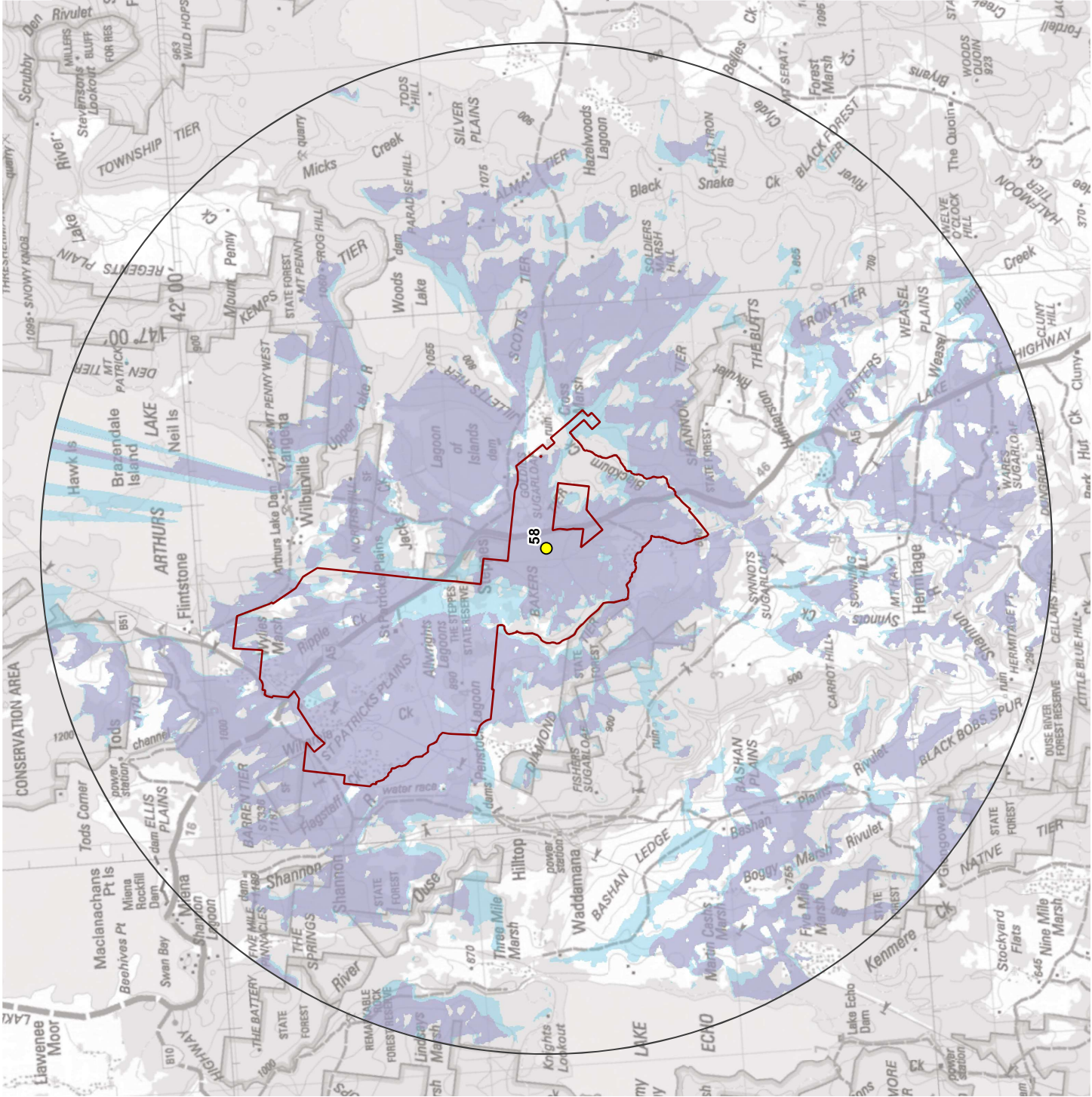




Legend

- Project Boundary
- 20km ZVI extent
- Wind turbine
- Area where at least 1 turbine tip and 1 turbine hub will be visible
- Area where at least 1 turbine tip will be visible

Notes:

- ZVI assumes a tip height of 231m and a hub height of 150m.
- ZVI is based on a digital elevation model and does not account for any screening by vegetation.

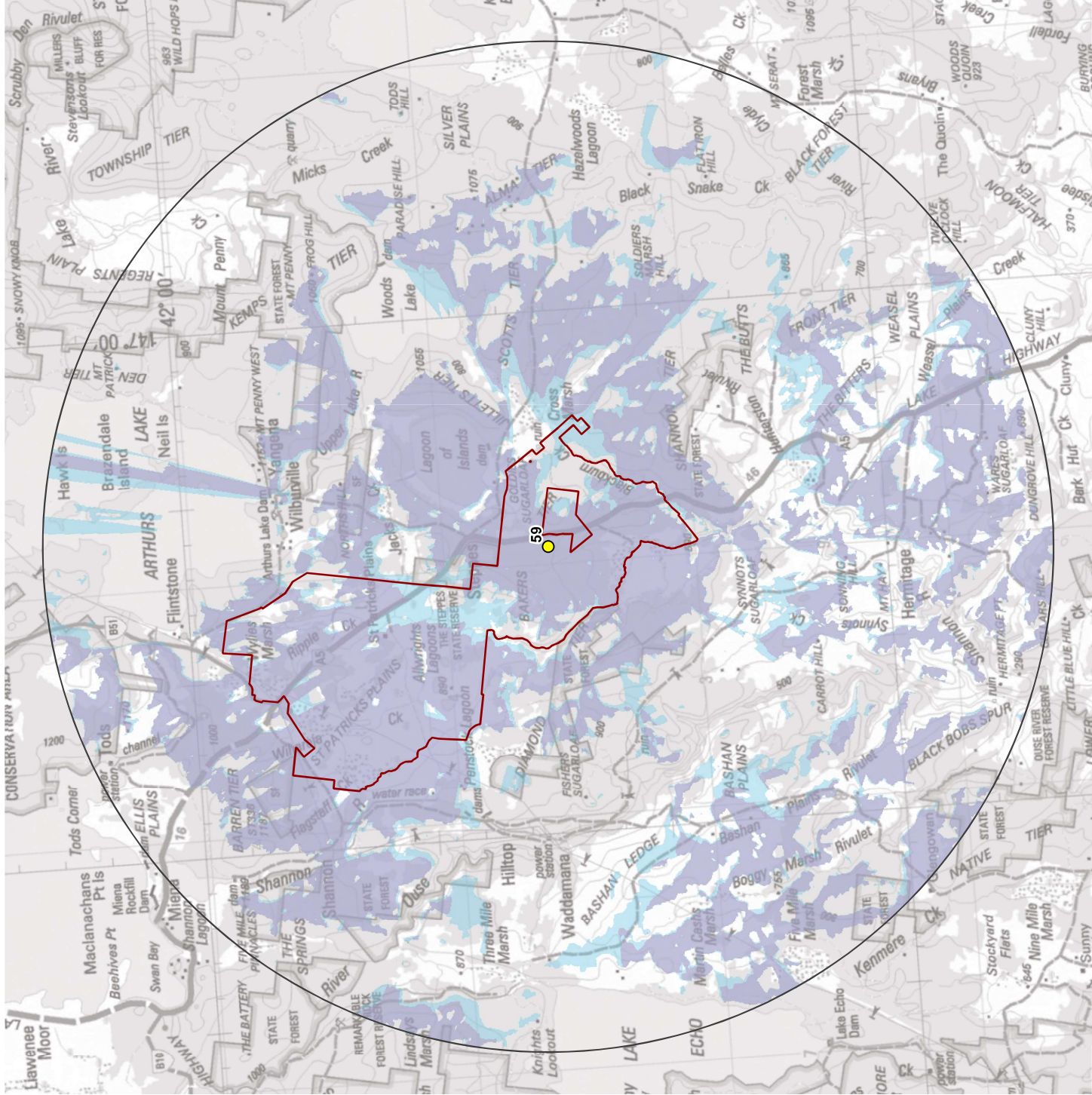
Turbine 58 visibility within 20km

EPURON

Date: 26/10/20



St Patricks Plains Wind Farm



Legend

- Project Boundary
- 20km ZVI extent
- Wind turbine
- Area where at least 1 turbine tip and 1 turbine hub will be visible
- Area where at least 1 turbine tip will be visible

Notes:

- ZVI assumes a tip height of 231m and a hub height of 150m.
- ZVI is based on a digital elevation model and does not account for any screening by vegetation.

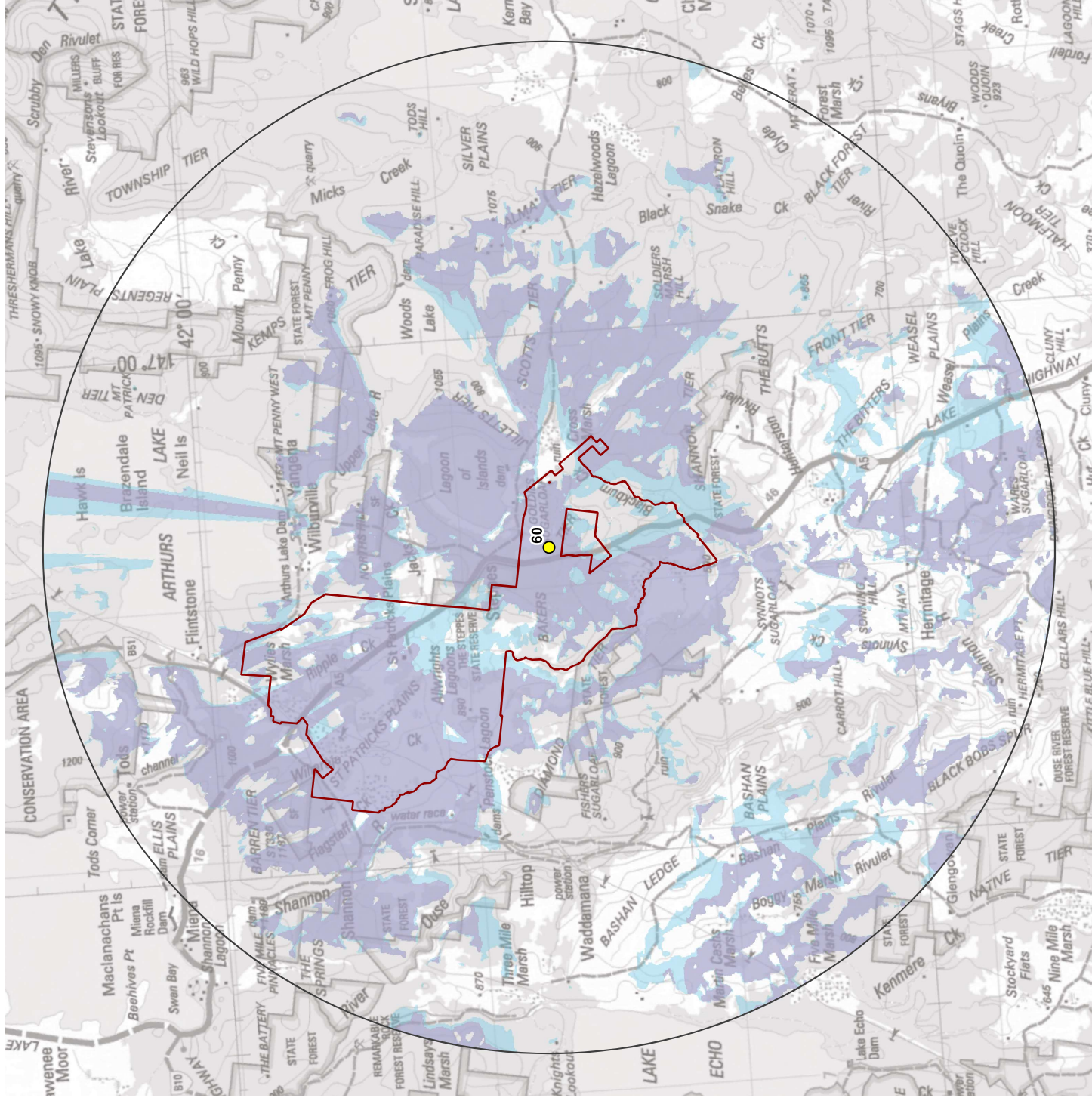
Turbine 59 visibility within 20km

EPURON

Date: 26/10/20



St Patricks Plains Wind Farm



Legend

- Project Boundary
- 20km ZVI extent
- Wind turbine
- Area where at least 1 turbine tip and 1 turbine hub will be visible
- Area where at least 1 turbine tip will be visible

Notes:

- ZVI assumes a tip height of 231m and a hub height of 150m.
- ZVI is based on a digital elevation model and does not account for any screening by vegetation.

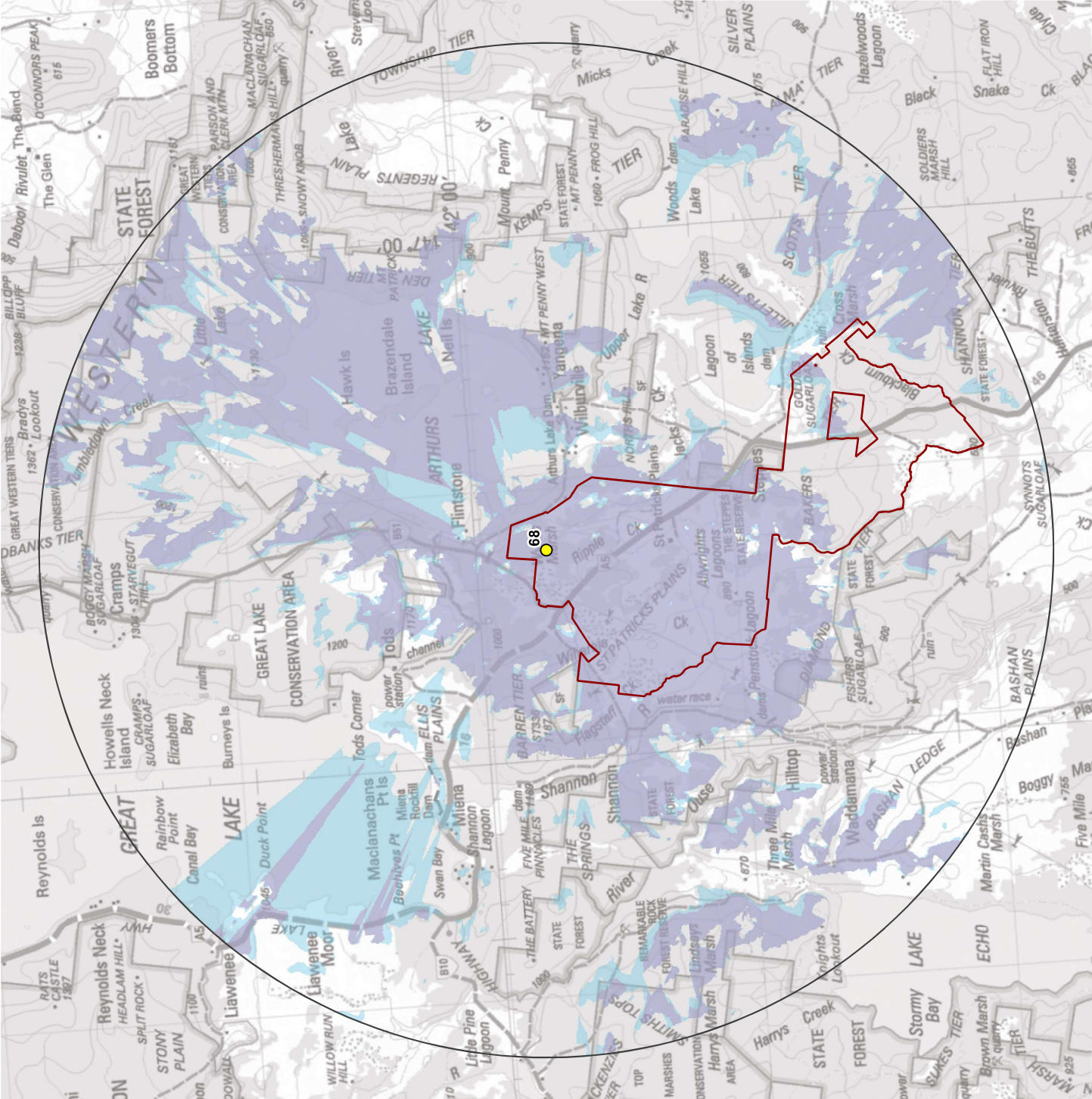
Turbine 60 visibility within 20km

EPURON

Date: 26/10/20



St Patricks Plains Wind Farm



Legend

- Project Boundary
- 20km ZVI extent
- Wind turbine
- Area where at least 1 turbine tip and 1 turbine hub will be visible
- Area where at least 1 turbine tip will be visible

Notes:

- ZVI assumes a tip height of 231m and a hub height of 150m.
- ZVI is based on a digital elevation model and does not account for any screening by vegetation.

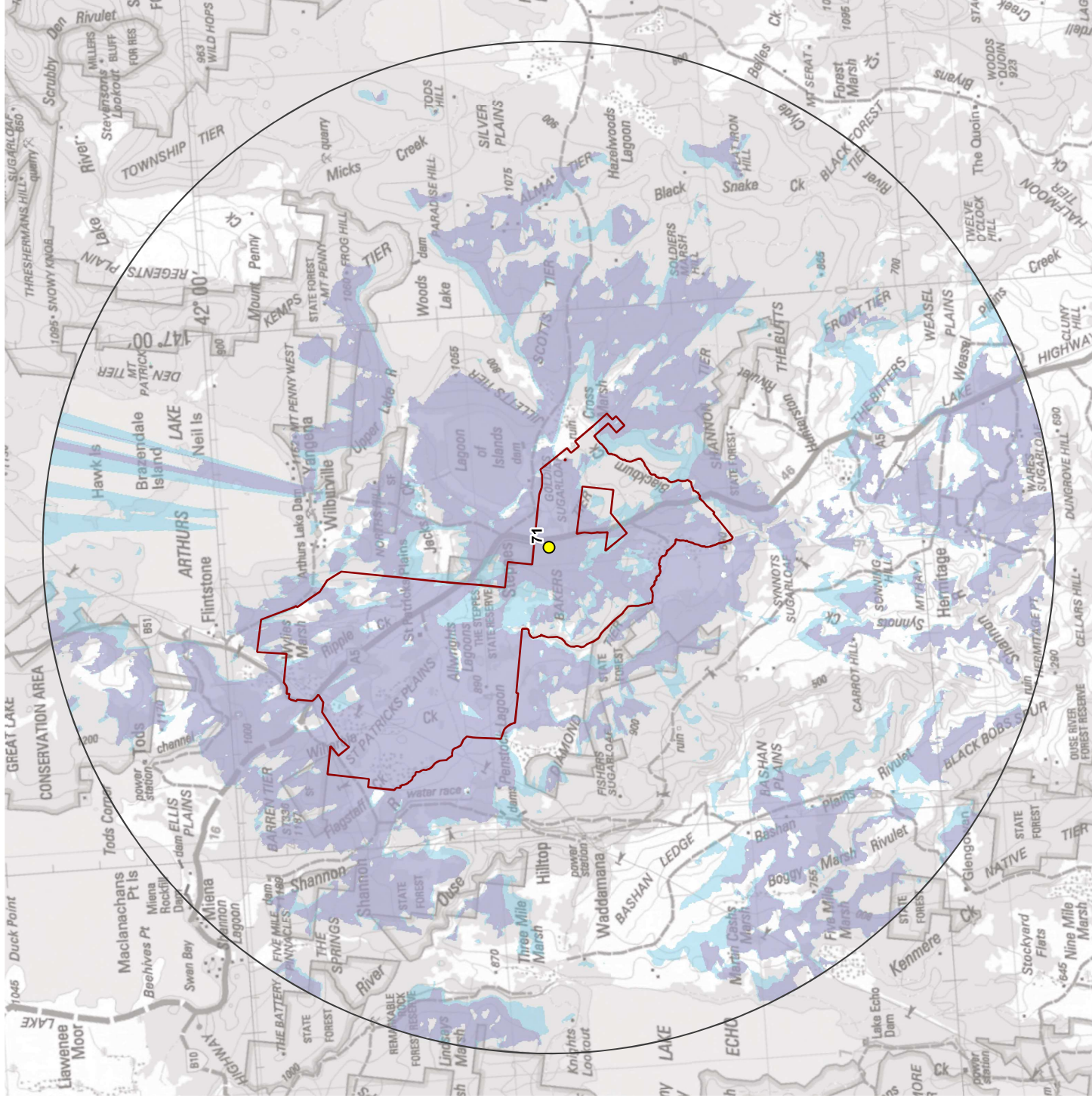
Turbine 68 visibility within 20km

EPURON

Date: 26/10/20



St Patricks Plains Wind Farm



Legend

- Project Boundary
- 20km ZVI extent
- Wind turbine
- Area where at least 1 turbine tip and 1 turbine hub will be visible
- Area where at least 1 turbine tip will be visible

Notes:

- ZVI assumes a tip height of 231m and a hub height of 150m.
- ZVI is based on a digital elevation model and does not account for any screening by vegetation.

Turbine 71 visibility within 20km

EPURON

Date: 26/10/20



St Patricks Plains Wind Farm

ATTACHMENT E

VIEWING SENSITIVITY CATEGORIES

Source: Scenic Spectrums Pty Ltd adapted from Williamson, D. and Calder S. 1972.
“Visual Resource Management of Victoria’s Forests: A New Concept for Australia” in
Landscape Planning 6:1979:313-341

Table 2. Public Sensitivity Level criteria
(travel route and use-area classification)

Level 1 — High Sensitivity	
1	State highways and classified tourist roads
2	Main roads with more than 50 vehicles per day
3	Roads to recreational destinations that have over 25 vehicles per day on weekends in peak seasons
4	Recreational, cultural or scenic sites and viewpoints of national, interstate or state importance
5	Primary walking tracks, roads and use areas of national or state significance in National Parks, State Reserves, wilderness, and defined recreational areas
6	Major areas for fishing, swimming, boating and other active or passive recreation on or close to streams, rivers, lakes, reservoirs, ocean
7	Primary, high-use recreational areas such as camp grounds, picnic grounds, beaches, visitor centres
8	Transportation systems of cultural, historical or scenic significance, including railways used by tourists
9	Residential areas with high levels of concern for scenic quality
Level 2 — Moderate Sensitivity	
1	Main roads with more than 25 vehicles per day
2	Forest access and other roads with more than 25 vehicles per day on weekends during summer
3	Roads to recreational destinations (such as railheads or camp grounds) that have 10-25 vehicles per day on weekends in peak seasons
4	Recreational, cultural or scenic sites of regional or local significance
5	Walking tracks of high local significance
6	Secondary areas for fishing, swimming, boating and other passive or active recreation
7	Secondary, low-use recreational areas, such as camp areas, picnic areas and beaches
8	Residential areas with moderate concern for scenery
Level 3 — Low Sensitivity	
1	Roads with up to 10 recreational vehicles per day on weekends in peak seasons
2	Walking tracks of low local significance
3	Recreational areas with only very occasional use
Level 4 — Very Low Sensitivity	
1	Roads with fewer than two recreational vehicles per day
2	Seldom-used forest tracks
NOTE: Level 4 is mapped to ensure all roads have been considered. Roads and use areas to be built in the next 5 years should be taken into account.	

Viewer Sensitivity Levels for Travel Routes and Use Areas¹

SENSITIVITY LEVEL 1 (High)	High Viewer Numbers Moderate Scenic Concerns	▪ Freeways and State Highways with <500 vehicles/day. ▪ Main Sealed Roads with <75 vehicles/day. ▪ Interstate Passenger Rail Lines with Daily Daylight Service ▪ Urban Residential Areas
	Low to High Viewer Numbers, High to Very High Scenic Concerns	▪ Recreation, Cultural or Scenic Sites and Viewpoints of National or State Significance. ▪ Classified Tourist Roads ▪ Walking Tracks of National Significance ▪ Rail Lines of Cultural, Historic or Scenic Significance ▪ Navigable Waterways of National or State Recreation Significance ▪ Viewpoints to or from All Statutory Protected Areas under the National Reserve System (refer to Table 8) ▪ Viewpoints to or from National Heritage List Sites and Commonwealth Heritage List Sites ▪ Viewpoints to or from the following Non-Statutory Sensitive Land Use Designations: – Australian National Landscapes – National Trust Classified Landscapes – Previous Register of the National Estate (RNE) – Historic Rural Homesteads/Residences on the State or Local Government Heritage List – Rural Residences with Associated Tourism Businesses
SENSITIVITY LEVEL 2 (Moderate)	Moderate Viewer Numbers – Moderate Scenic Concerns	▪ Main Sealed Roads with more than 50 vehicles /day ▪ State Passenger Rail Lines with Daily Rural Town Service ▪ Roads with >35 vehicles/day, but Planned for Recreation/Tourism Promotion within 5 years
	Low-Moderate Viewer Numbers Moderate to High Scenic Concerns	▪ Rural Residences (without Historic/Cultural or Associated Tourism Businesses) ▪ Recreation, Cultural or Scenic Sites and Viewpoints of Regional or Local Significance ▪ Navigable Waterways of National or State Recreation Significance ▪ Walking Tracks of Regional or High Local Significance ▪ Viewpoints to or within other Non-Statutory Scenic or Natural Reserves of Local or Regional Significance
SENSITIVITY LEVEL 3 (Low)	Low Viewer Numbers Moderate Scenic Concerns	▪ Land Management Roads with Occasional Recreation Traffic up to 10 vehicles/day ▪ Walking Tracks of Moderate Local Significance ▪ State Passenger Rail Lines with Less than Daily Rural Town Service
	Low Viewer Numbers Low to Moderate Scenic Concerns	▪ Land Management Roads with Infrequent Recreation Traffic ▪ Walking Tracks with Infrequent Recreation Usage ▪ Other Low use and Low Concern Viewpoints and Travel Routes

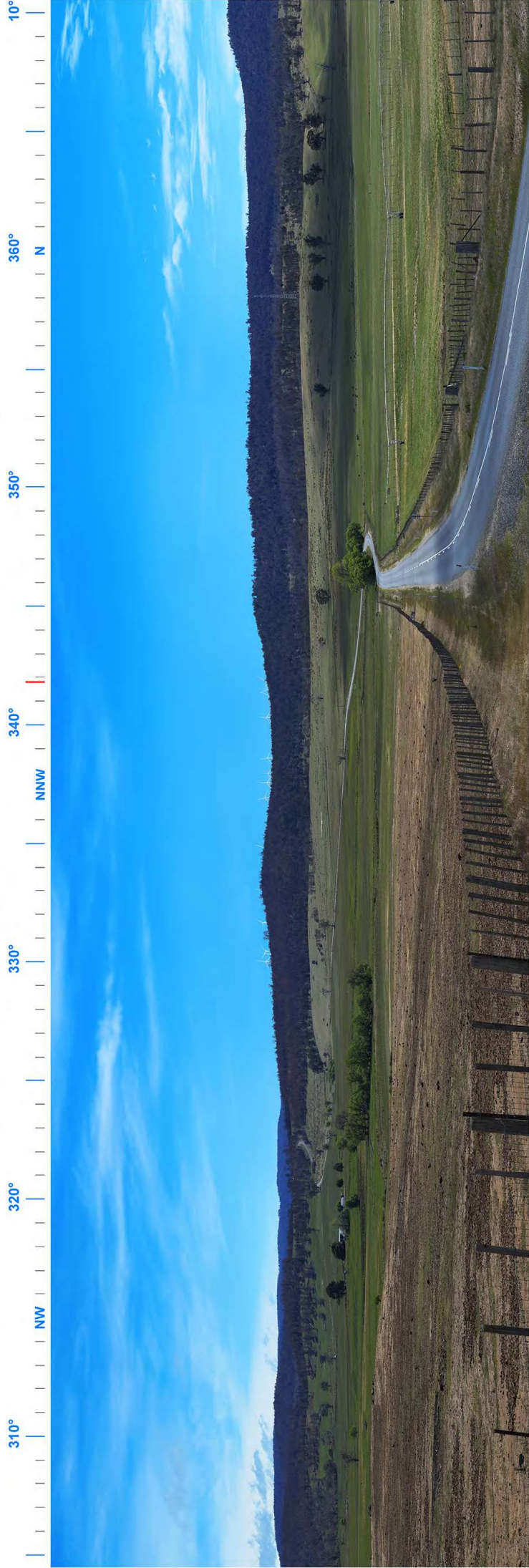
¹ Source: Scenic Spectrums Pty Ltd, adapted from Williamson, Dennis and Calder, Stuart, 1979. Visual Resource Management of Victoria's Forests: A New Concept for Australia

ATTACHMENT F

PHOTOMONTAGES

Source: Epuron

St Patricks Plains Wind Farm Revised Layout Jan 2021 – 50 Turbines



Photomontage view Highland Lakes Rd

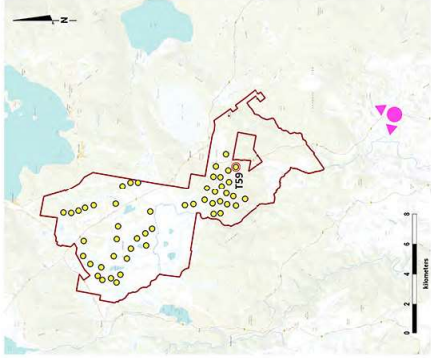
Approximate distance to closest visible wind turbine T59 is 11,230 metres

Legend

- Approximate photo location and indicative view direction toward St Patricks Plains Wind Farm turbines



Aerial of photograph location – Highland Lakes Road from Bothwell – 11km to site



St Patricks Plains Wind Farm Revised Layout Jan 2021 – 50 Turbines



Photomontage view Highland Lakes Rd

Approximate distance to closest fully visible wind turbine T89 is 2,850 metres

Legend

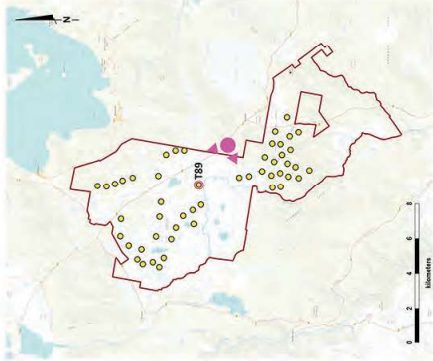
- Approximate photo location and indicative view direction toward St Patricks Plains Wind Farm turbines



0m 300m



Aerial of photograph location – Highland Lakes Road between Steppes Homestead and Hall



Site layout plan – 50 turbines

90° panorama



General Notes

- Photos taken at 2.15 pm on 12th November 2019
 - Coordinates: E: 489928, N: 5339947
 - Elevation: 892m AHD
 - Camera: Nikon D510, 50mm 1:1.4D Lens
 - Original Format - A0 Landscape
 - 240m tip height, 150m hub height and 180m rotor.
- This viewpoint has a horizontal view angle of around 70 degrees.
- This is a preliminary layout only and is subject to change as detailed planning proceeds.
- Closest visible turbine indicated by red line.

* The purpose of this Photomontage & Wireframe is to provide a 'representation' of the possible visual impact of this project for the purpose of discussion. The layout is subject to change in accordance with the planning process. These images give a reasonable impression of the scale of turbines and the distance to turbines, but due to vegetation screening and the complexity of working off useful landscape features, they cannot be 100% accurate. A static image cannot convey turbine movement, different lighting, weather and seasonal conditions that vary through time and resolution of image.

St Patricks Plains Wind Farm Revised Layout Jan 2021 – 50 Turbines

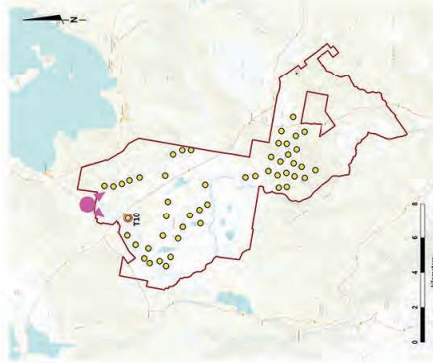


Photomontage view from Poatina Road
Approximate distance to closest visible wind turbine T10 is 2,510 metres

Legend
Approximate photo location and indicative view direction toward St Patricks Plains Wind Farm turbines



Aerial of photograph location - Poatina Road



Site layout plan – 50 turbines

Previous Layout

General Notes

- Photos taken at 11:01am on 11th November 2019.
 - Coordinates: E:486516, N:5348436
 - Elevation: 916m
 - Camera: Nikon D610, 50mm 1:1.4D lens
 - Original Format - A0 Landscape
 - 240m tip height, 150m hub height and 180m rotor.
- This viewpoint has a horizontal view angle of around 79 degrees.
- This is a preliminary layout only and is subject to change as detailed planning proceeds.
- Closest turbine indicated by red line.



* The purpose of this Photomontage & Wireframe is to provide a 'representation' of the possible visual impact of this project for the purpose of discussion. The layout is subject to change in accordance with the planning process. These images give a reasonable impression of the scale of turbines and the distance to turbines, but due to vegetation screening and the complexity of working off useful landscape features, they cannot be 100% accurate. A static image cannot convey turbine movement, different lighting, weather and seasonal conditions that vary through time and resolution of image.

St Patricks Plains Wind Farm Revised Layout Jan 2021 – 50 Turbines



Photomontage view from Penstock Lagoon (Lily Pond)

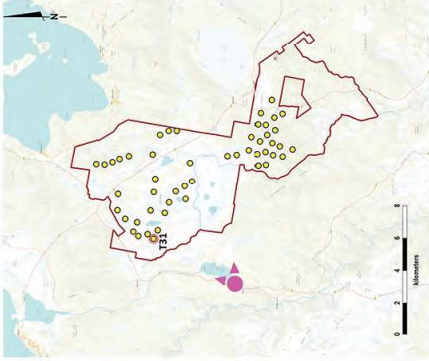
Approximate distance to closest visible wind turbine T31 is 5,530 metres

Legend

Approximate photo location and indicative view direction toward St Patricks Plains Wind Farm turbines



Aerial of photograph location – Penstock Lagoon



Site layout plan – 50 turbines

Previous Layout

General Notes

Photos taken at 11:53am on 26th June 2019
Coordinates: E: 480144, N: 5339023
Elevation: 920m AHD
Camera: Nikon D510, 50mm 1:1.4D Lens
Original Format - A0 Landscape
240m tip height, 150m hub height and 180m rotor.

This viewpoint has a horizontal view angle of around 72 degrees.
This is a preliminary layout only and is subject to change as detailed planning proceeds.
Closest visible turbine indicated by red line.

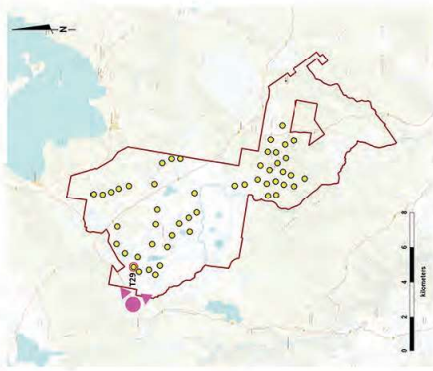
* The purpose of this Photomontage & Wireframe is to provide a 'representation' of the possible visual impact of this project for the purpose of discussion. The layout is subject to change in accordance with the planning process. These images give a reasonable impression of the scale of turbines and the distance to turbines, but due to vegetation screening and the complexity of working off useful landscape features, they cannot be 100% accurate. A static image cannot convey turbine movement, different lighting, weather and seasonal conditions that vary through time and resolution of image.

St Patricks Plains Wind Farm Revised Layout Jan 2021 – 50 Turbines



Photomontage view from Waddamana Rd (Part 1)

Approximate distance to closest visible wind turbine T29 is 2,360 metres



Site layout plan - 50 turbines

Aerial of photograph location - Waddamana Road



Previous Layout

General Notes

- Photos taken at 8:08am on 17th October 2019.
 - Coordinates: E:480965, N:5345013
 - Elevation: 916m AHD
 - Camera: Nikon D510, 50mm 1:1.4D Lens
 - Original Format - A0 Landscape
 - 240m tip height, 150m hub height and 180m rotor.
- This viewpoint has a horizontal view angle of around 60 degrees.
- This is a preliminary layout only and is subject to change as detailed planning proceeds.
- Closest visible turbine indicated by red line.

* The purpose of this Photomontage & Wireframe is to provide a 'representation' of the possible visual impact of this project for the purpose of discussion. The layout is subject to change in accordance with the planning process. These images give a reasonable impression of the scale of turbines and the distance to turbines, but due to vegetation screening and the complexity of working off useful landscape features, they cannot be 100% accurate. A static image cannot convey turbine movement, different lighting, weather and seasonal conditions that vary through time and resolution of image.

St Patricks Plains Wind Farm Revised Layout Jan 2021 – 50 Turbines

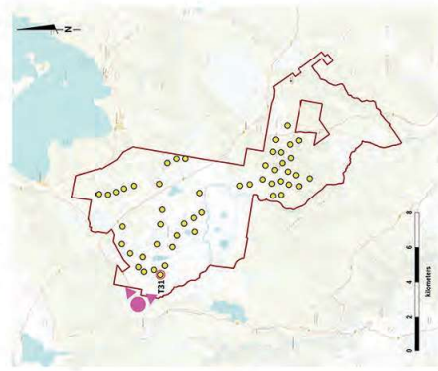


Photomontage view from Waddamana Rd (Part 2)

Approximate distance to closest partially visible wind turbine T31 is 2,225 metres



Aerial of photograph location - Waddamana Road



Site layout plan - 50 turbines



Previous Layout

General Notes

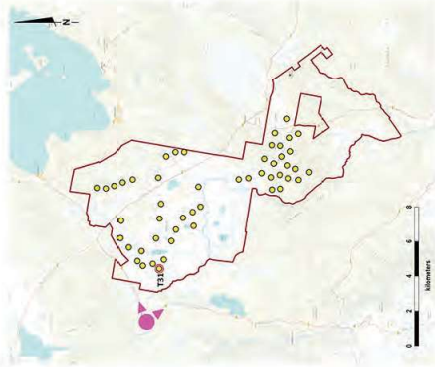
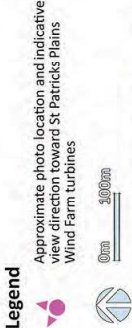
- Photos taken at 8:08am on 17th October 2019.
 - Coordinates: E:480965, N:5345013
 - Elevation: 916m AHD
 - Camera: Nikon D510, 50mm 1:1.4D Lens
 - Original Format - A0 Landscape
 - 240m tip height, 150m hub height and 180m rotor.
- This viewpoint has a horizontal view angle of around 60 degrees.
- This is a preliminary layout only and is subject to change as detailed planning proceeds.
- Closest visible turbine indicated by red line.

* The purpose of this Photomontage & Wireframe is to provide a 'representation' of the possible visual impact of this project for the purpose of discussion. The layout is subject to change in accordance with the planning process. These images give a reasonable impression of the scale of turbines and the distance to turbines, but due to vegetation screening and the complexity of working off useful landscape features, they cannot be 100% accurate. A static image cannot convey turbine movement, different lighting, weather and seasonal conditions that vary through time and resolution of image.

St Patricks Plains Wind Farm Revised Layout Jan 2021 – 50 Turbines



Photomontage view from Shannon Road
Approximate distance to closest visible wind turbine T31 is 3,030 metres



Site layout plan – 50 turbines



Aerial of photomontage location – Shannon village



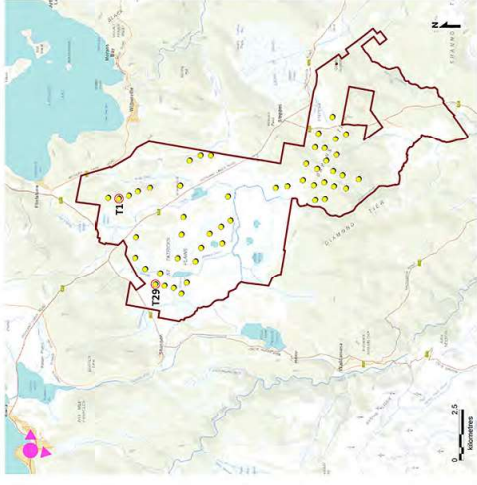
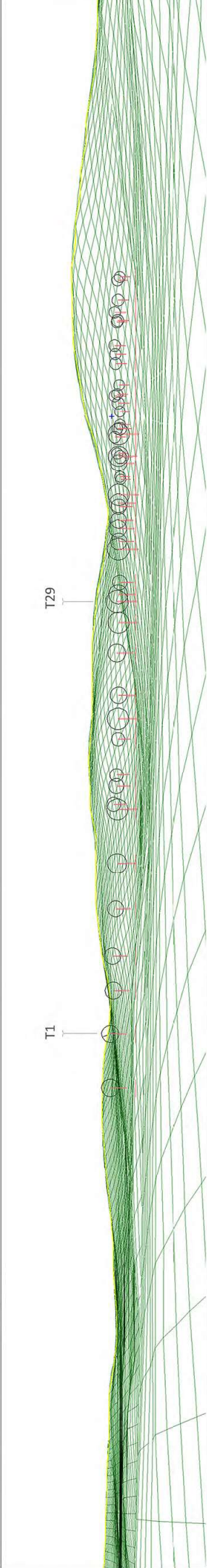
Previous Layout

General Notes

- Photos taken at 7:50am on 17th October 2019.
 - Coordinates: E:479948, N:5344843
 - Elevation: 934m AHD
 - Camera: Nikon D610, 50mm 1:1.4D lens
 - Original Format - A0 Landscape
 - 240m tip height, 150m hub height and 180m rotor.
- This viewpoint has a horizontal view angle of around 75 degrees.
- This is a preliminary layout only and is subject to change as detailed planning proceeds.
- Closest turbine indicated by red line.

* The purpose of this Photomontage & Wireframe is to provide a 'representation' of the possible visual impact of this project for the purpose of discussion. The layout is subject to change in accordance with the planning process. These images give a reasonable impression of the scale of turbines and the distance to turbines, but due to vegetation screening and the complexity of working off useful landscape features, they cannot be 100% accurate. A static image cannot convey turbine movement, different lighting, weather and seasonal conditions that vary through time and resolution of image.

St Patricks Plains Wind Farm Revised Layout Jan 2021 – 50 Turbines



General Notes

Photos taken at 2:57pm on 14th November 2019.
Coordinates: E:475234, N:5351287
Elevation: 1093m AHD
Camera: Nikon D610, 50mm 1:1.4D Lens
Original Format - A0 landscape
240m tip height, 150m hub height and 180m rotor.

This viewpoint has a horizontal view angle of around 65 degrees.
This is a preliminary layout only and is subject to change as detailed planning proceeds.
Closest visible turbine indicated by red line.

Legend

Approximate photo location and indicative view direction toward St Patricks Plains Wind Farm turbines

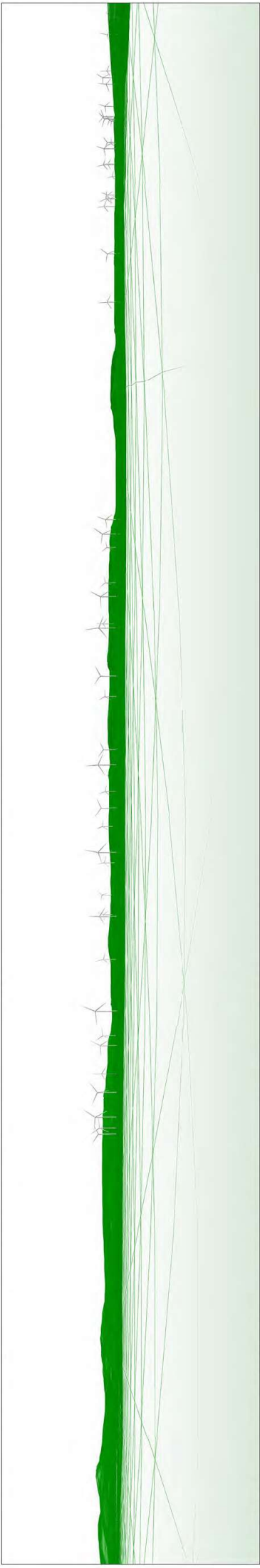


*The purpose of this Photomontage & Wireframe is to provide a 'representation' of the possible visual impact of this project for the purpose of discussion. The layout is subject to change in accordance with the planning process. These images give a reasonable impression of the scale of turbines and the distance to turbines, but due to vegetation screening and the complexity of working off useful landscape features, they cannot be 100% accurate. A static image cannot convey turbine movement, different lighting, weather and seasonal conditions that vary through time and resolution of image.

St Patricks Plains Wind Farm Revised Layout Jan 2021 – 50 Turbines



Panorama with wireframe overlay from Breakfast Bay Approximate distance to closest wind turbine T31 is 3,900 metres



Wireframe view from Breakfast Bay Approximate distance to closest wind turbine T31 is 3,900 metres

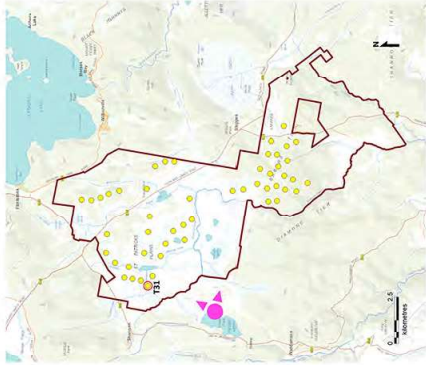


Parorama

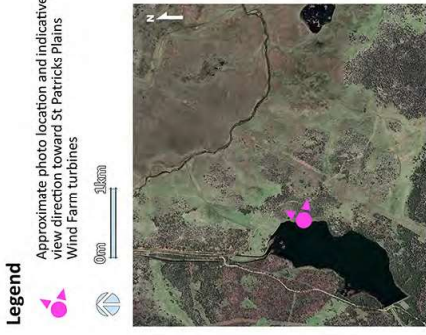
General Notes

Photos taken at 10:20am on 2nd March 2020
Coordinates: E:481408, N:5340273
Elevation: 13.6m
Camera: Nikon D610, 50mm 1:1.4D Lens
Original Format - A0 Landscape
240m tip height, 150m hub height and 180m rotor.

This is a preliminary layout only and is subject to change as detailed planning proceeds.
Closest turbine indicated by red line.



Site layout plan – 50 turbines



Aerial of Breakfast Bay

* The purpose of this Photomontage & Wireframe is to provide a 'representation' of the possible visual impact of this project for the purpose of discussion. The layout is subject to change in accordance with the planning process. These images give a reasonable impression of the scale of turbines and the distance to turbines, but due to vegetation screening and the complexity of working off useful landscape features, they cannot be 100% accurate. A static image cannot convey turbine movement, different lighting, weather and seasonal conditions that vary through time and resolution of image.

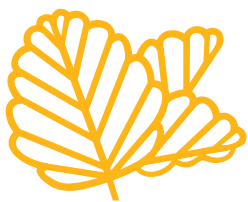
ATTACHMENT G

TURBINE DISTANCE TO NEAREST ROAD

The scale of the overall development is 50 turbines 230m in height, spread across some 10,000 hectares of land and stretched along ~12 kilometres of a State highway designated as a tourist route. The size of the turbines means the wind farm is seen across a large geographic area and from multiple viewing locations by residents and visitors, some expecting an isolated natural landscape with others recognising the altered landscape character of the area. The size of individual turbines in close proximity to the road in places means these particular elements have an overpowering presence that increases their individual magnitude of impact.

Source: Epuron

Turbine Number	Distance to Closest Road (m)	Closest Road
1	1545.6	Arthurs Lake Road
2	1331.7	Arthurs Lake Road
3	1312.8	Arthurs Lake Road
4	1163.4	Arthurs Lake Road
5	408.1	Highland Lakes Road
6	1249.6	Highland Lakes Road
7	1211.8	Highland Lakes Road
8	981.3	Highland Lakes Road
9	1027.0	Arthurs Lake Road
10	353.2	Arthurs Lake Road
11	1570.7	Arthurs Lake Road
12	918.8	Arthurs Lake Road
13	1006.3	Waddamana Road
14	1470.7	Waddamana Road
15	2430.4	Arthurs Lake Road
16	3030.5	Arthurs Lake Road
17	2622.6	Arthurs Lake Road
18	2309.9	Highland Lakes Road
19	2297.8	Highland Lakes Road
20	2240.2	Highland Lakes Road
25	3041.3	Highland Lakes Road
29	970.6	Waddamana Road
30	1096.6	Waddamana Road
31	1833.5	Waddamana Road
32	1634.2	Waddamana Road
33	2300.8	Waddamana Road
39	1165.7	Highland Lakes Road
42	1867.9	Highland Lakes Road
43	2142.3	Highland Lakes Road
44	2501.6	Highland Lakes Road
45	3473.9	Highland Lakes Road
46	3438.5	Highland Lakes Road
47	3064.5	Highland Lakes Road
48	2762.4	Highland Lakes Road
49	2640.3	Highland Lakes Road
50	1696.5	Highland Lakes Road
51	1999.2	Highland Lakes Road
52	2105.7	Highland Lakes Road
53	2403.2	Highland Lakes Road
54	2641.7	Highland Lakes Road
55	942.7	Highland Lakes Road
56	1364.2	Highland Lakes Road
57	970.9	Highland Lakes Road
58	602.9	Highland Lakes Road
59	500.3	Highland Lakes Road
60	482.0	Highland Lakes Road
68	1407.7	Arthurs Lake Road
69	2850.9	Highland Lakes Road
70	1582.9	Highland Lakes Road
71	280.5	Highland Lakes Road



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