Supplemental Map Book

Merricourt Wind Power Project

Dickey and McIntosh Counties

Prepared for:

EDF renewable energy

Prepared by:

KLJ

226 PU-08-932 Filed 09/13/2017 Pages: 23
Exhibit 29 - Supplemental Map Book
EDF Renewable Development, Inc.

March 2017

R68W R67W R66W

T131N T131N

T130N T130N

89TH ST SE 88TH ST SE 90TH ST SE 91ST ST SE 92ND ST SE 93RD ST SE

58TH AVE SE 59TH AVE SE 60TH AVE SE 61ST AVE SE 62ND AVE SE 63RD AVE SE 64TH AVE SE 65TH AVE SE 66TH AVE SE 67TH AVE SE 68TH AVE SE

Dickey County

McIntosh County

56

Merricourt Wind Power Project

Figure 1. Proposed Turbine Layout

KLJ Project Number: 1316103
Date Created: 3/9/2017 Created By: DNP

N W E S

0 0.25 0.5 1 1.5 Miles

- Primary Turbine Location
- Alternate Turbine Location
- Met Towers
- Primary Access Roads
- Alternate Access Roads
- Collection Lines
- Operations and Maintenance
- EDF Substation
- Existing MDU Substation
- Final Project Boundary

R68W R67W R66W

T131N T130N

58TH AVE SE 59TH AVE SE 60TH AVE SE 61ST AVE SE 62ND AVE SE 63RD AVE SE 64TH AVE SE 65TH AVE SE 66TH AVE SE 67TH AVE SE 68TH AVE SE

89TH ST SE 90TH ST SE 91ST ST SE 92ND ST SE 93RD ST SE 88TH ST SE

Dickey County

McIntosh County

56

Merricourt Wind Power Project

Figure 2. Turbines, Access Road & Collection Line Comparison

KLJ Project Number: 1316103
Date Created: 3/9/2017 Created By: DNP

N W E S

0 0.5 1 Miles

- Primary Turbine Location
- Alternate Turbine Location
- Met Towers
- Primary Access Roads
- Alternate Access Roads
- Collection Lines
- Final Project Boundary
- Previous Project Boundary
- Previous Turbine Location
- Previous Met Towers
- Previous Access Roads
- Previous Collection Lines
- Operations and Maintenance
- EDF Substation
- MDU Substation

R68W R67W R66W

T131N T131N

T130N T130N

McIntosh County

Dickey County

89TH ST SE 88TH ST SE 90TH ST SE 91ST ST SE 92ND ST SE 93RD ST SE

58TH AVE SE 59TH AVE SE 60TH AVE SE 61ST AVE SE 62ND AVE SE 63RD AVE SE 64TH AVE SE 65TH AVE SE 67TH AVE SE 68TH AVE SE

56

Merricourt Wind Power Project

Figure 3. Exclusion Areas

KLJ

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0 0.5 1 Miles

- Primary Turbine Location
- Alternate Turbine Location
- Met Towers
- Primary Access Roads
- Alternate Access Roads
- Collection Lines
- Operations and Maintenance
- EDF Substation
- Existing MDU Substation
- Final Project Boundary
- Project Boundary SetBack
- Occupied Homes
- Transmission Line
- Piping Plover Critical Habitat
- UnoccupiedBuildings
- Waterfowl Production Areas
- Cemetery Locations

R68W R67W R66W

T131N T131N

T130N T130N

McIntosh County

Dickey County

89TH ST SE

90TH ST SE

91ST ST SE

88TH ST SE

58TH AVE SE

59TH AVE SE

61ST AVE SE

62ND AVE SE

63RD AVE SE

64TH AVE SE

65TH AVE SE

67TH AVE SE

68TH AVE SE

56

Disclaimer:

The USFWS makes no claim as to the accuracy or completeness of the displayed information. Shaded areas depicting the location of the USFWS WPA Fee land and limited interest easements are for illustrative purposes only and do not represent legal boundaries. Fore more detailed information, please contact one of the USFWS Realty Offices located in Bismarck and Minot, North Dakota, Sand Lake and Huron, South Dakota, or Great Falls, Montana.

The USFWS easement layer is current through October 2016. Please contact the appropriate Wetland Management District for any newly acquired easements.

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0 0.25 0.5 1 1.5 Miles

Merricourt Wind Power Project

Figure 4. Avoidance Areas

- Primary Turbine Location
- Alternate Turbine Location
- Met Towers
- Primary Access Roads
- Alternate Access Roads
- Collection Lines
- Operations and Maintenance
- EDF Substation
- Existing MDU Substation
- Final Project Boundary
- Grassland Easement Acquired After Wind Easement
- USFWS Wetland Easement
- NWI Wetlands

R68W R67W R66W

T131N T130N

McIntosh County

Dickey County

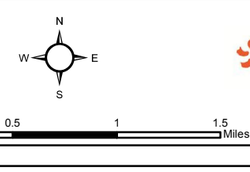
86TH ST SE 87TH ST SE 88TH ST SE 89TH ST SE 90TH ST SE 91ST ST SE 92ND ST SE

58TH AVE SE 59TH AVE SE 60TH AVE SE 62ND AVE SE 63RD AVE SE 64TH AVE SE 65TH AVE SE 66TH AVE SE 67TH AVE SE 68TH AVE SE

EDF RD

56

Goettle, Gerald & Viola
Kim Rohrbach
Johnson, Randa
Wolf, Evangeline
Reinke, Dennis
Bahr, Brenda K.
Kungel, Lenhardt & Darlene Rev Trust
Meidinger, Dale & Netz, Daniel
Wolf, Rueben & Darlene Trusts
Laeger, August CD
Laeger, Gerald
Laeger, Donald
Fleming, Shirley
Harris, Todd
Schauer, Cynthia
Wilmshurst, Jonathan & Sarah
Lepp, Michael
Wolf, Lavern & Darlene
Heinrich, Larry
Nitschke, Kevin, Roy & Thomas
Keller, Shawn & Bobbi Jo
Laeger, Donald & Tamara
Heinrich, Lester
Weszner, Terry



0 0.25 0.5 1 1.5 Miles

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Merricourt Wind Power Project

Figure 5. Leased Land - Previous Layout

Previous Project Boundary
Previous Turbine Location
Previous Met Towers
Previous Access Roads
Previous Collection Lines
Operations and Maintenance
EDF Substation
MDU Substation

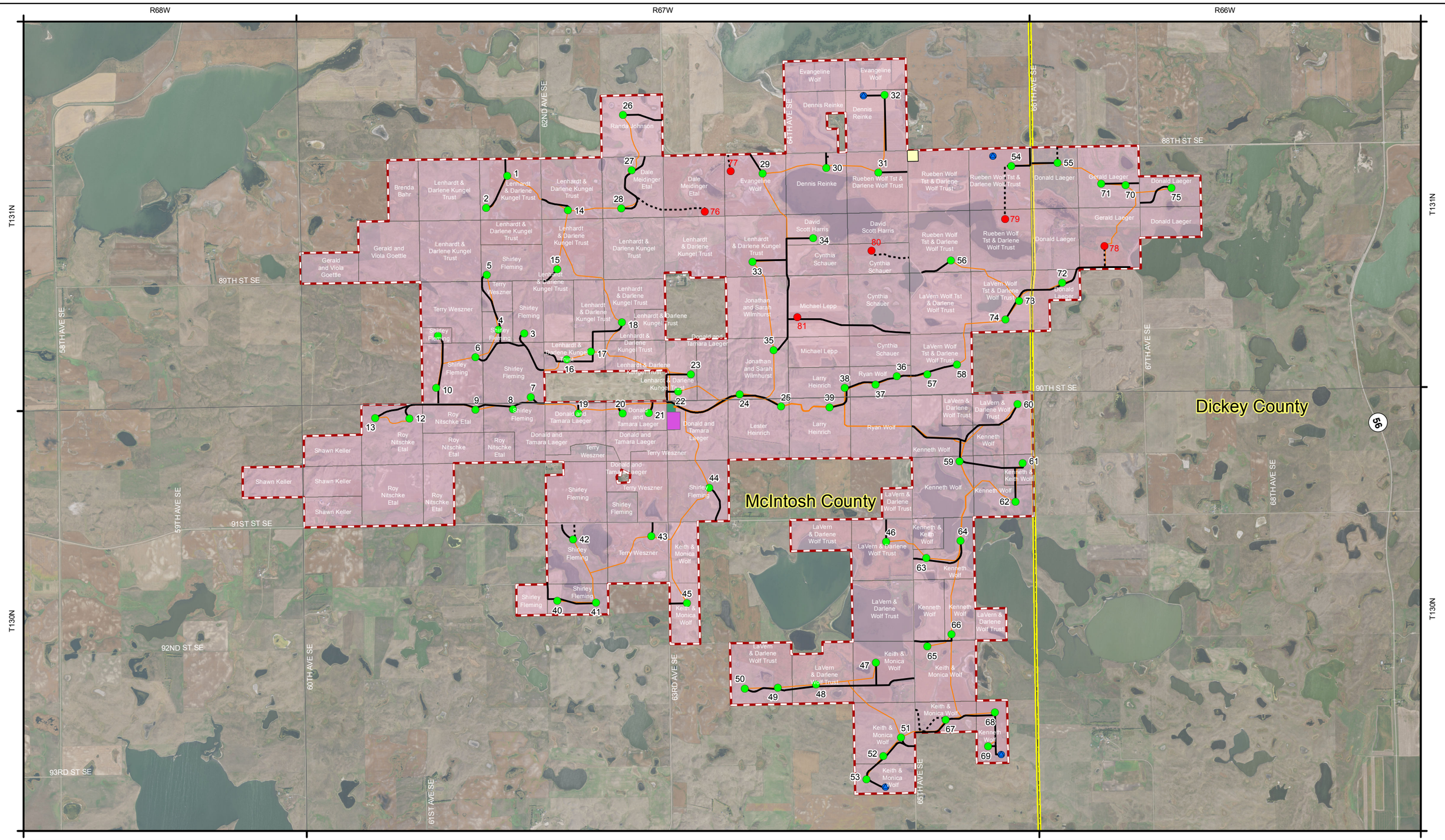

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Figure 6. Leased Land - Current Layout

KLJ Project Number: 1316103
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0 0.25 0.5 1 1.5 Miles

- Primary Turbine Location
- Alternate Turbine Location
- Met Towers
- Primary Access Roads
- Alternate Access Roads
- Collection Lines
- Operations and Maintenance
- EDF Substation
- Existing MDU Substation
- Final Project Boundary
- Signed Land 2016

R68W R67W R66W

T131N T131N

T130N T130N

88TH ST SE 89TH ST SE 90TH ST SE 91ST ST SE 92ND ST SE 93RD ST SE

58TH AVE SE 59TH AVE SE 60TH AVE SE 61ST AVE SE 62ND AVE SE 63RD AVE SE 64TH AVE SE 65TH AVE SE 66TH AVE SE 67TH AVE SE 68TH AVE SE

Dickey County

McIntosh County

56

Merricourt Wind Power Project

Figure 7. Occupied Homes

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Date Created: 3/9/2017 Created By: DNP

N W E S

0 0.25 0.5 1 1.5 Miles

- Primary Turbine Location
- Alternate Turbine Location
- Met Towers
- Occupied Homes
- Primary Access Roads
- Alternate Access Roads
- Collection Lines
- Operations and Maintenance
- EDF Substation
- Existing MDU Substation
- Final Project Boundary

R68W R67W R66W

T131N T130N

Dickey County

McIntosh County

88TH ST SE 89TH ST SE 90TH ST SE 91ST ST SE 92ND ST SE 93RD ST SE

58TH AVE SE 59TH AVE SE 60TH AVE SE 61ST AVE SE 62ND AVE SE 63RD AVE SE 64TH AVE SE 65TH AVE SE 66TH AVE SE 67TH AVE SE 68TH AVE SE

56

Merricourt Wind Power Project

Figure 8. Project Area Parcels Without Facilities

KLJ Project Number: 1316103
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0 0.5 1 Miles

- Primary Turbine Location
- Alternate Turbine Location
- Met Towers
- Primary Access Roads
- Alternate Access Roads
- Collection Lines
- Operations and Maintenance
- EDF Substation
- Existing MDU Substation
- Final Project Boundary
- No Facility on Parcel
- Facility on Parcel

R68W R67W R66W

T131N T131N

T130N T130N

88TH AVE SE
62ND AVE SE
64TH AVE SE
66TH AVE SE
88TH ST SE
89TH ST SE
67TH AVE SE
90TH ST SE
59TH AVE SE
91ST ST SE
68TH AVE SE
92ND ST SE
60TH AVE SE
63RD AVE SE
93RD ST SE
61ST AVE SE
65TH AVE SE

Dickey County

McIntosh County

56

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81

KLJ

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N W E S

0 0.5 1 Miles

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Figure 9. Farmland Classification

All areas are prime farmland

Farmland of statewide importance

Primary Turbine Location

Alternate Turbine Location

Met Towers

Primary Access Roads

Alternate Access Roads

Collection Lines

Operations and Maintenance

EDF Substation

Existing MDU Substation

Final Project Boundary

R68W

R67W

T131N

T131N

60TH AVE SE

62ND AVE SE

McIntosh County

88TH ST SE

KLJ

KLJ Project Number: 1316103

Date Created: 3/9/2017 Created By: DNP

N W E S

0 200 400 800 1,200 Feet

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1	2	3
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7	8	9
10	11	12

Merricourt Wind Power Project

Proposed Turbine Layout

- Primary Turbine Location
- Alternate Turbine Location
- Met Towers
- Primary Access Roads
- Alternate Access Roads
- Collection Lines
- Operations and Maintenance
- EDF Substation
- Existing MDU Substation
- Final Project Boundary

R67W

T131N

T131N

63RD AVE SE

87TH ST SE

McIntosh County

84TH AVE SE

88TH ST SE

26

32

KLJ

KLJ Project Number: 1316103
Date Created: 3/9/2017 Created By: DNP

N
W E
S

0 200 400 800 1,200 Feet

edf renewable energy

1	2	3
4	5	6
7	8	9
10	11	12

Merricourt Wind Power Project

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R67W

R66W

T131N

T131N

87TH ST SE

64TH AVE SE

67TH AVE SE

McIntosh County

Dickey County

88TH ST SE

55

KLJ

KLJ Project Number: 1316103
Date Created: 3/9/2017 Created By: DNP

N
W E
S

0 200 400 800 1,200 Feet

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1	2	3
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Merricourt Wind Power Project

Proposed Turbine Layout

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- Final Project Boundary

R68W

R67W

T131N

T131N

60TH AVE SE

89TH ST SE

McIntosh County

2ND AVE SE

1
2
14
15
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16
17

KLJ

KLJ Project Number: 1316103
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N
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0 200 400 800 1,200 Feet

edf renewable energy

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7	8	9
10	11	12

Merricourt Wind Power Project

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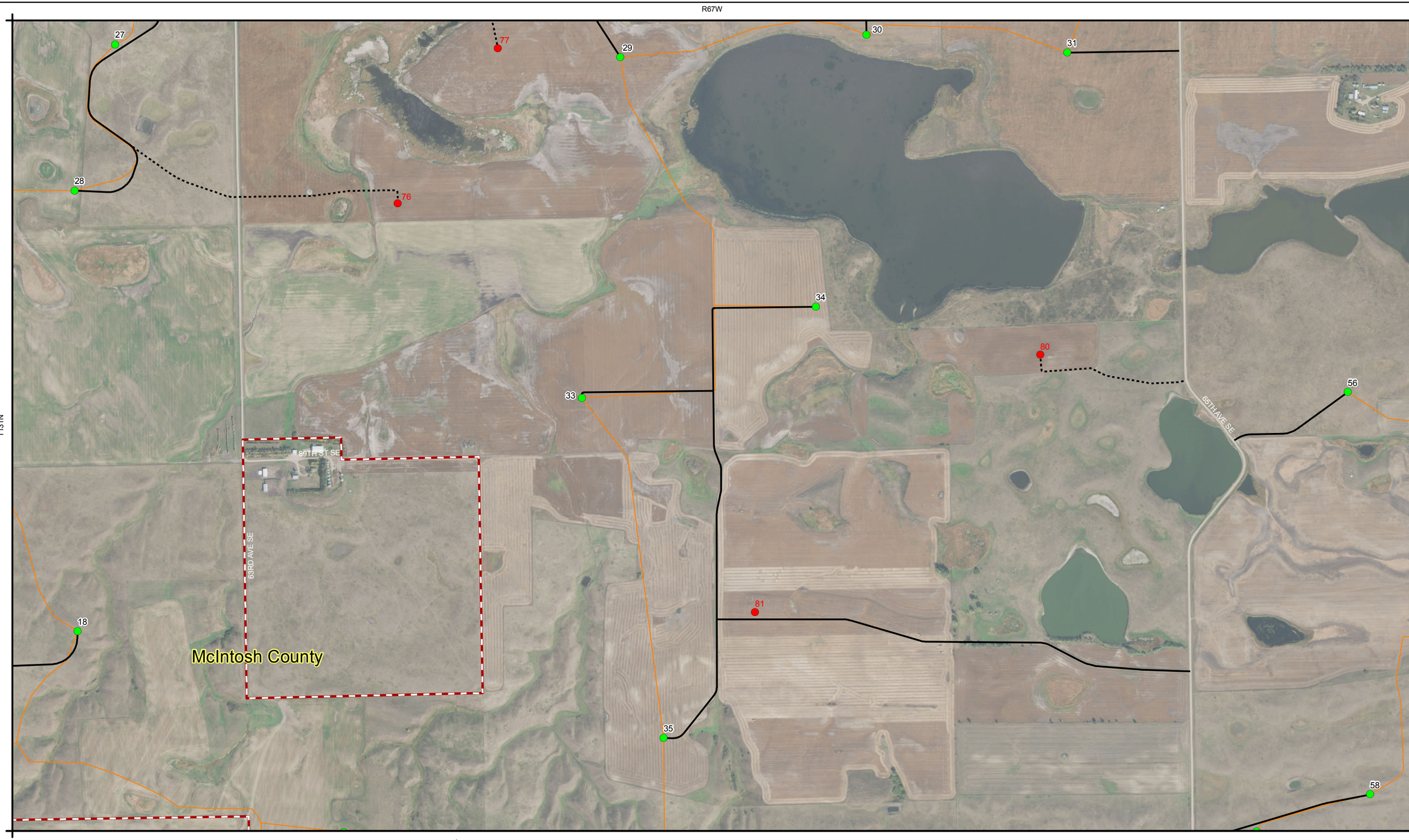

KLJ

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N W E S

0 200 400 800 1,200 Feet

Page 5 of 12

EDF renewable energy

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7	8	9
10	11	12

Merricourt Wind Power Project

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R67W

R66W

T131N

T131N

54

71

70

75

79

78

72

73

74

67TH AVE SE

Dickey County

McIntosh County

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1	2	3
4	5	6
7	8	9
10	11	12

KLJ Project Number: 1316103
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0 200 400 800 1,200 Feet

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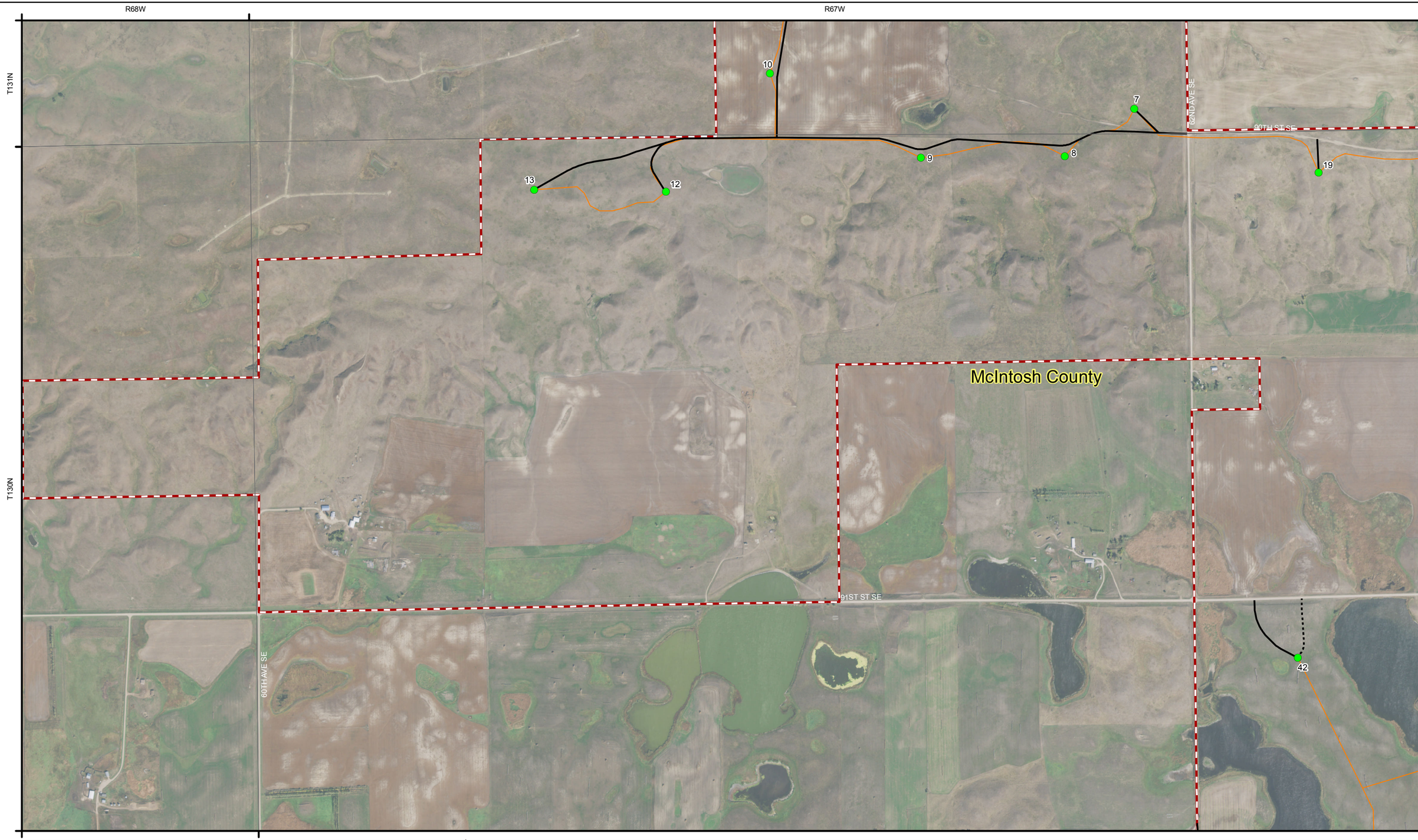

KLJ

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N W E S

Page 7 of 12

EDF renewable energy

0 200 400 800 1,200 Feet

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7	8	9
10	11	12

Merricourt Wind Power Project

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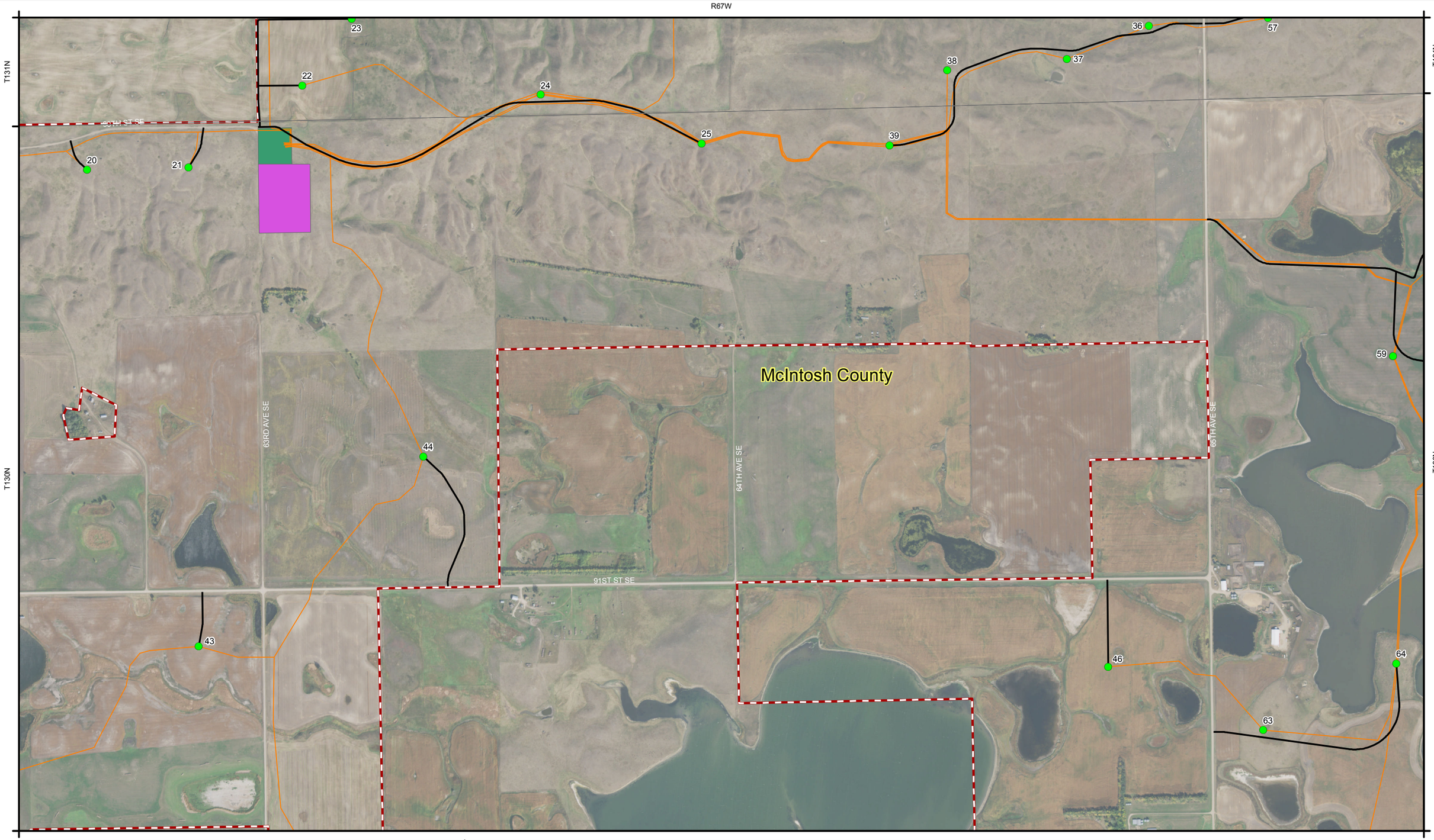

KLJ

KLJ Project Number: 1316103
Date Created: 3/9/2017 Created By: DNP

N W E S

Page 8 of 12

EDF renewable energy

0 200 400 800 1,200 Feet

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7	8	9
10	11	12

Merricourt Wind Power Project

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KLJ

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N W E S

0 200 400 800 1,200 Feet

edf renewable energy

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10	11	12

Merricourt Wind Power Project

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KLJ

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N W E S

0 200 400 800 1,200 Feet

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edf renewable energy

1	2	3
4	5	6
7	8	9
10	11	12

Merricourt Wind Power Project

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R67W

T130N

T130N

45

66

65

47

48

49

50

92ND ST SE

63RD AVE SE

65TH AVE SE

McIntosh County

67

51

52

53

KLJ

KLJ Project Number: 1316103
Date Created: 3/9/2017 Created By: DNP

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W E
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0 200 400 800 1,200 Feet

EDF renewable energy

1	2	3
4	5	6
7	8	9
10	11	12

Merricourt Wind Power Project

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R67W

R66W

T130N

T130N

McIntosh County

Dickey County

68

69

97TH AVE SE

92ND ST SE

93RD ST SE

KLJ

KLJ Project Number: 1316103

Date Created: 3/9/2017 Created By: DNP

N

W E

S

0 200 400 800 1,200 Feet

edf renewable energy

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1	2	3
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7	8	9
10	11	12

Merricourt Wind Power Project

Proposed Turbine Layout

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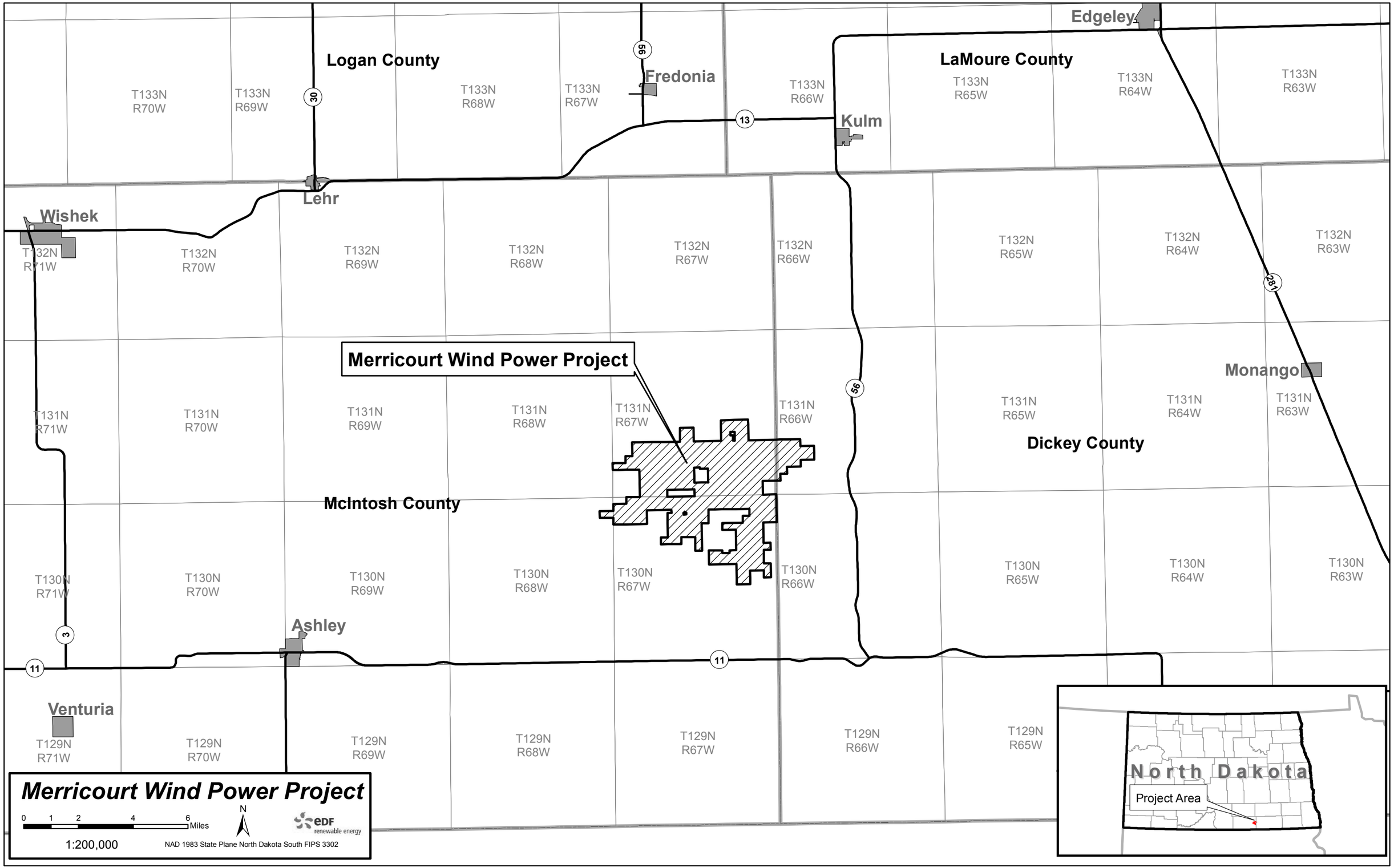

Logan County
LaMoure County
McIntosh County
Dickey County
Edgeley
Fredonia
Kulm
Lehr
Wishek
Monango
Ashley
Venturia
Merricourt Wind Power Project
T133N R70W
T133N R69W
T133N R68W
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T129N R69W
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11
North Dakota
Project Area
Merricourt Wind Power Project
0 1 2 4 6 Miles
N
1:200,000
NAD 1983 State Plane North Dakota South FIPS 3302
EDF renewable energy