

Exhibit F: Engineering
Certification

EXHIBIT F

ENGINEERING CERTIFICATIONS

Please see the following document



GE Renewables

Thomas Amirault
Technical Leader – Onshore Wind

1 River Rd Building 53-405C
Schenectady, NY 12345
T 518-385-8047
M 518-389-8197
tom.amirault@ge.com

September 21, 2018

Mark Delaney
Director, Renewable Project Engineering
Invenergy
One South Wacker Drive, Suite 1800, Chicago, IL 60606

RE: Executive Summary of GE's wind turbine compliance with applicable codes and standards for
Thunderhead Project in Nebraska, USA

Dear Mark,

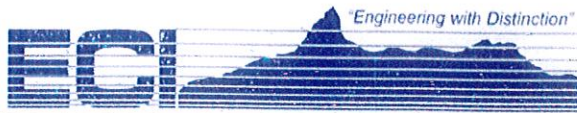
GE Wind turbine generators are designed and certified to the IEC 61400-22 standards. This international standard takes into consideration the worldwide best practice compliance requirements including North American agencies such as: Occupational Safety & Health Administration (OSHA) guidelines 29 CFR part 1910 – General Industry; Underwriter's Laboratories (UL); and the National Electric Code (NEC). Nationally the IEC 61400-22 is recognized by the American Wind Energy Association (AWEA), U.S Department of Energy (DOE), and National Renewable Energy Laboratory (NREL).

Sincerely,

A handwritten signature in black ink that reads 'Thomas Amirault'.

Thomas Amirault

cc: Daniel Leathem, Wind App Eng Manager, GE Renewables Engineering
Andrew Seal, Commercial Leader, GE Renewables Commercial Operations
Robert W. Bienick, Commercial Director, GE Renewables Commercial Operations
George Bultmann, Invenergy Account Manager, GE Renewables Sales



ELECTRICAL CONSULTANTS, INC.

BILLINGS OFFICE: 3521 GABEL ROAD, BILLINGS, MONTANA 59102 • PHONE: 406-259-9933 • FAX: 406-259-3441

July 17, 2018

Mr. Josh Framel
Invenergy, LLC
2580 W Main St. Suite 200
Littleton, CO 80120

Re: Thunderhead Wind Energy Electrical Design in Nebraska

Dear Josh:

This letter is to certify that Electrical Consultants, Inc. (ECI) is qualified to design the Thunderhead Wind Energy Project substation and underground collector system. ECI has prepared design for similar type facilities on dozens of past projects. ECI will prepare the design for the Thunderhead Wind Energy Project in compliance with applicable codes and standards needed to achieve a reliable, efficient and adequately rated power delivery system, including the project substation and 34.5 kV collection system.

The attached sheets outline specific experience for the Electrical and Civil Project Managers assigned to the project. Please advise me if there are any questions or need for clarification pertaining to the electrical design of the Thunderhead Wind Energy Project.

Sincerely,

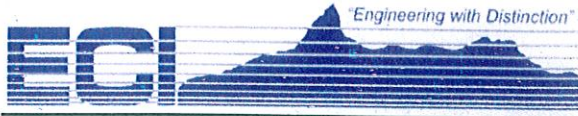
David R. Maehl, P.E.

DM:bs

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David R. Maehl, Project Manager Electrical

Selected Wind Farm, Project Experience (Past 5 Years):

Project Manager:

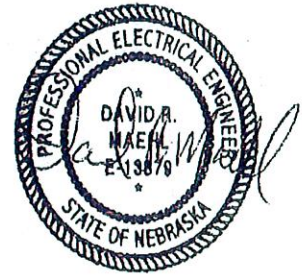
Santa Rita Wind Project – 345 kV Transmission, 34.5-345 kV Substation, 300 MW (TX)
 White Oak Wind Project – 138 kV Switchyard, 34.5-138 kV Substation, 150 MW (IL)
 Peak View Wind Project – 115 kV Transmission, 34.5-115 kV Substation, 60.9 MW (CO)
 Comber Wind Project – 34.5-230 kV Substation, 165.6 MW (Canada)
 Gratiot Wind Project – 34.5-138 kV Substation, 200 MW (MI)
 Bishop Hill Wind Project – 34.5-138 kV Substation, 212.8 MW (IL)

Electrical Lead:

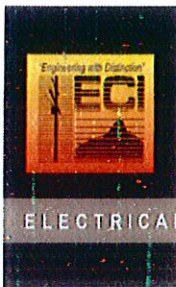
Prairie Breeze II & III Wind Projects – 34.5-230 kV Substation, 73 MW (NE)
 Glacier Wind – 34.5-115 kV Substation and Collector System, 120 MVA (MT)

Quality Assurance Reviews:

California Ridge - 34.5-138 kV, 200 MW, Collector & Substation (IL)
 Rim Rock East – 34.5-230 kV, 120 MW, Collector and Substation (MT)
 Rim Rock West – 34.5-230 kV, 120 MW, Collector and Substation (MT)
 Wake Wind Project – 34.5-345 kV Substation, 282 MW (TX)



Registration Information:



David R. Maehl, PE
 Vice President - Power Supply
 3521 Gabel Road
 Billings, MT 59102
 Phone (406) 259-9933
 Fax (406) 259-3441
 Cell (406) 670-0852
 daw.maehl@ecibllgs.com

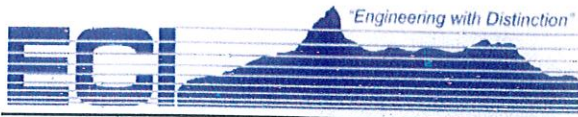
David Robert Maehl
 is licensed to practice
 Electrical Engineering
 In the State of Nebraska
 Until December 31, 2018
 License Number: E-13879

Jennifer A. Klein
 Secretary, Board of Engineers and Architects

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Daniel E. Donovan, Project Manager Civil

Selected Wind Farm, Project Experience (Past 5 Years):

Project Manager:

Capricorn Ridge - 345 kV Transmission Substation – 138 kV, 550 MVA, generation tie to LCRA 345 kV system (TX)

Goat Mountain Three – 34.5-138 kV, 230 MVA Collection Substation (TX)

Wolf Ridge (White Tail) – 34.5-138 kV, 132 MVA, Collection Substation (TX)

Civil/Structural Lead:

Omega – 345 kV Switchyard, Horse Hollow Gen Tie (TX)

Pony – 138 kV Switchyard, Horse Hollow Gen Tie (TX)

Quality Assurance Reviews:

Combine Hills – 34.5-69 kV Collection Substation (OR)

Logan North – 34.5-230 kV Collection Substation (CO)

Logan South – 34.5-230 kV Collection Substation (CO)

Dooley – 34.5-230 kV Collection Substation (WA)

Linden – 34.5-230 kV Collection Substation (WA)

Petersburg – 34.5-115 kV Substation (NE)

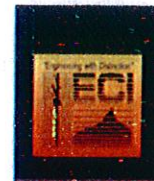


Registration Information:

Professional License Results

Daniel Eugene Donovan

Address	License Number	Type	Profession/Discipline	Status	Issue Date	Expiration Date
3521 GABEL RD STE J BILLINGS MT 59102	E 9696	Engineer	Civil Engineering	Licensed	12/10/1999	12/31/2016
County YELLOWSTONE						
Country UNITED STATES						



Daniel E. Donovan, PE
Civil/Structural Project Director

3521 Gabel Road
Billings, MT 59102
Phone (406) 259-9933
Cell (406) 812-3880
Fax (406) 259-3441
dan.donovan@eci-bigs.com

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Power Delivery Services to Utilities & Industry

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