



Forty Mile Granlea Wind Limited Partnership
c/o Forty Mile Granlea Wind GP Inc.
P.O. Box 2844
150 – 6th Avenue SW
Calgary, AB T2P 3E3

June 20, 2018

RE: Suncor’s Proposed Forty Mile Wind Power Project

Dear community member:

On October 19, 2017, Suncor filed the power plant, substations and interconnection application to the Alberta Utilities Commission (AUC) for the proposed Forty Mile Wind Power Project (project).

In response to the competitive dynamics of the wind energy industry in Alberta, Suncor has revised the project and finalized a 96-turbine layout that uses 4.2 megawatt (MW) turbines for a total installed capacity of approximately 400 MW.

Suncor Energy Inc. has also transferred the project assets to a wholly-owned special purpose entity called Forty Mile Granlea Wind Limited Partnership, who, after we modify our application, will be the proponent seeking AUC approvals for the project.

Summary of Project Changes

The final layout reduces the number of turbine locations from the previously contemplated 160 turbines to 96 turbines and includes slight modifications to associated access roads and underground electrical collector systems. Fewer turbines are required due to the greater power output of the newly selected turbine model. By having fewer turbines, it allows us to further avoid environmentally sensitive areas and decrease the impact on vegetation and wildlife.

Within this final layout, we have used 94 previously proposed turbine locations and introduced two new locations. To align with these changes, the two previously proposed meteorological towers have been repositioned.

The turbine will be a steel tower structure with a hub height of 105 meters and a rotor diameter of 150 meters, for a total height of 180 meters.

The map titled “Forty Mile Wind Power Project – Project Footprint” dated June 2018 identifies the layout changes.

Updated Turbine Labels

The turbine numbering has been updated to consecutive numbers between 1 and 96. A table has been provided in this package to identify the change in turbine numbering.

Updated Sound and Shadow Flicker Analysis

As a result of the changes identified above, we have provided updated information on the sound and shadow flicker impacts from the project. The map titled “Forty Mile Wind Power Project – Shadow Flicker and Noise Information” dated June 2018, provides the anticipated sound contours and shadow flicker effects from the final project layout.

The sound contours shown on the map reflect expected daytime or nighttime sound levels and were completed in accordance with direction provided by the AUC. The predicted sound contours include the combined sound prediction from adjacent proposed wind power projects in the area.

The shadow flicker categories identify how many hours per year a residence may experience a shadow flicker effect, without considering the reduced impact from existing trees or structures.

Updated Turbine Lighting Requirements

Turbine lighting requirements are prescribed by Transport Canada, Canadian Aviation Regulations Standard 621. The project will be required to install lighting on the top of the nacelle and lower intensity lights at half the nacelle height. Not all turbines will require lighting and the distribution of those that require lighting will be identified by Transport Canada.

Updated Visual Simulations

The visual simulations included in this package reflect the project changes from the same viewpoint locations previously provided. Additional visualizations will be available on the Forty Mile Wind Power Project's website after June 29, 2018 at <http://www.suncor.com/fortymilewind>.

Updated Schedule

The project is proposing to be constructed in two concurrent phases with approximately 200 MW expected to be connected to each the Granlea and Maleb substations. Our schedule is as follows:

Activity	Date
AUC application amendment	July 2018
Anticipated AUC approval	April 2019
Site mobilization (construction start)	June 2019
Scheduled Granlea commercial operations	December 2020
Scheduled Maleb commercial operations	December 2021

The connection to the existing provincial grid from our Granlea and Maleb substations will be completed by AltaLink Management Ltd. and is subject to a separate consultation and permitting process.

The enclosed package also includes the most recent version of the AUC's *Public involvement in a proposed utility development* brochure, which describes your rights and options for participating in a development project such as ours.

Thank you for taking the time to review this information. We look forward to continuing to advance the proposed Forty Mile Wind Power Project in your community. If you have any questions or concerns, please contact us at fortymile@suncor.com or via phone at 1-866-344-0178 (extension 2).

Yours truly,
Suncor Energy Inc.
On behalf of Forty Mile Granlea Wind Limited Partnership



Brian Hodder
Development Lead
Renewable Energy

The table below shows how the updated turbine numbers correspond to the previously used turbine numbers.

Updated Turbine Number	Previous Turbine Number
G1	1
G2	2
G3	4
G4	5
G5	7
G6	6
G7	13
G8	15
G9	14
G10	20
G11	48
G12	47
G13	65
G14	63
G15	61
G16	60
G17	59
G18	58
G19	88
G20	87
G21	186
G22	83
G23	82
G24	81
G25	52
G26	99
G27	104
G28	103
G29	105
G30	193
G31	101
G32	192
G33	191
G34	95
G35	111
G36	112
G37	118
G38	117
G39	116
G40	208
G41	114
G42	113
G43	122
G44	123
G45	34
G46	31
G47	30
G48	175

Updated Turbine Number	Previous Turbine Number
M49	28
M50	26
M51	25
M52	24
M53	23
M54	187
M55	178
M56	68
M57	176
M58	66
M59	190
M60	69
M61	189
M62	71
M63	70
M64	177
M65	180
M66	76
M67	75
M68	139
M69	145
M70	199
M71	200
M72	142
M73	141
M74	144
M75	202
M76	150
M77	151
M78	197
M79	New Proposed Location
M80	128
M81	161
M82	163
M83	205
M84	165
M85	166
M86	206
M87	New Proposed Location
M88	174
M89	173
M90	171
M91	203
M92	157
M93	156
M94	154
M95	155
M96	153