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Projet de parc éolien Mont Sainte-Marguerite à
Saint-Sylvestre, Saint-Séverin et Sacré-Cœur-
de-Jésus

6211-24-077

Saint-Sylvestre, 20 octobre 2015

Madame Lynda Carrier
Bureau d'audiences publiques sur l'environnement
Édifice Lomer-Gouin
575, rue Saint-Amable, bureau 2.10
Québec (Québec) G1R 6A6

**Objet : Dépôt du document - Avis d'Environnement Canada au sujet des radars
météorologiques protégés.**

Madame,

Par la présente, je souhaite déposer le document demandé lors de la rencontre préparatoire des audiences publiques sur le projet de parc éolien Mont Sainte-Marguerite, le 15 octobre 2015. Tel que demandé, vous trouverez ci-joint dix (10) exemplaires du document Avis d'Environnement Canada au sujet des radars météorologiques protégés. Le fichier électronique vous a également été transmis à l'adresse suivante lynda.carrier@bape.gouv.qc.ca le 20 octobre 2015.

En espérant le tout conforme aux attentes de la commission, je vous prie de recevoir, Madame, mes plus sincères salutations,

Viviane Maraghi
Directrice du développement, RES Canada
Au nom de Parc éolien Mont Sainte-Marguerite S.E.C.

Gagnon, Frédéric

Projet de parc éolien Mont Sainte-Marguerite
à Saint-Sylvestre, Saint-Séverin et Sacré-
Cœur-de-Jésus

6211-24-077

Sent: October-16-15 10:19 AM
To: Gagnon, Frédéric
Cc: Radar (EC/EC)
Subject: RE: Resubmission - Mont-Sainte-Marguerite wind farm project [job#800553]

Dear M. Frédéric Gagnon,

Thank you for contacting the Meteorological Service of Canada, a branch of Environment Canada, regarding your wind energy intentions.

Our preliminary assessment of the information provided to us via e-mail on April 21, 2015 indicates that any potential interference that may be created by the Mont Sainte-Marguerite Wind Farm near Le Radar not be severe. Although we would prefer our radar view to be interference free, this is not always reasonable. As a consequence, we do not have strong objections to the current proposal.

If your plans are modified in any manner (e.g. number of turbines, height, placement or materials) this analysis would no longer be valid. An updated analysis must be conducted.

Please contact us at: weatherradars@ec.gc.ca.

Thank you for your ongoing cooperation and we wish you success.

Best Regards,

Jim M.C. Young

**Environment
Canada****Environnement
Canada**

Meteorological Service of Canada | Service météorologique du Canada

Environment Canada | Environnement Canada

4905 Dufferin Street | 4905, rue Dufferin

Toronto, Ontario M3H 5T4 | Toronto (Ontario) M3H 5T4

Email | Courriel : Jim.Young@ec.gc.ca

Phone | Téléphone : +1-416-514-2643

From: Gagnon, Frédéric [mailto:frederic.gagnon@dnvgl.com]
Sent: April 21, 2015 10:01 AM
To: Weather Radars Contact, National Radar Program [Ontario]; Young, Jim [Ontario]
Subject: Resubmission - Mont-Sainte-Marguerite wind farm project [job#800553]

Hi M. Young,

On behalf of RES Canada, we wish to resubmit new wind turbine coordinates for the Mont-Sainte-Marguerite wind project.

1. Site Name: Mont-Sainte-Marguerite
2. Proponent or Consulting Firm: RES Canada
3. Number of Turbines: 46
4. Tower/Hub Height: 92.5 m
5. Turbine Blade Sweep Diameter: 113 m
6. Turbine Base Diameter (if known) : Unknown
7. Coordinate Locations of Turbine(s): See below

Please advise us if this layout causes any interference to your communication systems.

Regards,

| Turbine ID | X | Y | Z [m] | WGS84 Longitude | WGS84 Latitude | WGS84 Longitude DMS | WGS84 Latitude DMS |
|------------|-----------|------------|--------|-----------------|----------------|---------------------|--------------------|
| T1 | 327261.00 | 5132349.00 | 433.66 | -71.2439 | 46.3227 | 71°14'38.04' | 46°19'21.72' |
| T2 | 327716.00 | 5131768.00 | 423.00 | -71.2378 | 46.3176 | 71°14'16.08' | 46°19'3.36' |
| T3 | 328424.00 | 5130819.00 | 470.94 | -71.2283 | 46.3092 | 71°13'41.88' | 46°18'33.12' |
| T4 | 327905.00 | 5132959.00 | 458.62 | -71.2358 | 46.3283 | 71°14'8.88' | 46°19'41.88' |
| T5 | 328628.00 | 5132767.00 | 496.32 | -71.2264 | 46.3268 | 71°13'35.04' | 46°19'36.48' |
| T6 | 329890.90 | 5132082.00 | 545.92 | -71.2097 | 46.3210 | 71°12'34.92' | 46°19'15.6' |
| T7 | 331083.00 | 5131151.00 | 661.26 | -71.1939 | 46.3129 | 71°11'38.04' | 46°18'46.44' |
| T8 | 331443.00 | 5130986.00 | 631.30 | -71.1892 | 46.3115 | 71°11'21.12' | 46°18'41.4' |
| T9 | 330502.00 | 5133700.00 | 477.96 | -71.2024 | 46.3357 | 71°12'8.64' | 46°20'8.52' |
| T10 | 330669.00 | 5133194.00 | 521.60 | -71.2000 | 46.3312 | 71°12'0' | 46°19'52.32' |
| T11 | 331623.50 | 5131858.00 | 564.23 | -71.1871 | 46.3194 | 71°11'13.56' | 46°19'9.84' |
| T12 | 332268.30 | 5131135.00 | 595.60 | -71.1785 | 46.3130 | 71°10'42.6' | 46°18'46.8' |
| T13 | 332556.00 | 5130901.00 | 584.12 | -71.1747 | 46.3110 | 71°10'28.92' | 46°18'39.6' |
| T14 | 332688.00 | 5131846.00 | 581.36 | -71.1733 | 46.3195 | 71°10'23.88' | 46°19'10.2' |
| T15 | 334873.00 | 5131032.00 | 642.28 | -71.1447 | 46.3127 | 71°8'40.92' | 46°18'45.72' |
| T16 | 335174.00 | 5130775.00 | 629.02 | -71.1407 | 46.3105 | 71°8'26.52' | 46°18'37.8' |
| T17 | 335401.80 | 5130490.00 | 581.33 | -71.1376 | 46.3080 | 71°8'15.36' | 46°18'28.8' |
| T18 | 335126.50 | 5132816.00 | 634.09 | -71.1420 | 46.3288 | 71°8'31.2' | 46°19'43.68' |
| T19 | 335574.00 | 5131853.00 | 595.94 | -71.1359 | 46.3203 | 71°8'9.24' | 46°19'13.08' |
| T20 | 336144.00 | 5131092.00 | 544.84 | -71.1282 | 46.3136 | 71°7'41.52' | 46°18'48.96' |
| T21 | 332838.00 | 5135852.00 | 446.24 | -71.1728 | 46.3556 | 71°10'22.08' | 46°21'20.16' |

| | | | | | | | |
|-----|-----------|------------|--------|----------|---------|-------------|--------------|
| T22 | 333725.00 | 5136723.00 | 443.62 | -71.1616 | 46.3636 | 71°9'41.76' | 46°21'48.96' |
| T23 | 334322.00 | 5136358.00 | 540.08 | -71.1537 | 46.3605 | 71°9'13.32' | 46°21'37.8' |
| T24 | 334098.00 | 5135926.00 | 458.92 | -71.1565 | 46.3566 | 71°9'23.4' | 46°21'23.76' |
| T25 | 335332.80 | 5135859.00 | 464.82 | -71.1404 | 46.3563 | 71°8'25.44' | 46°21'22.68' |
| T26 | 335480.00 | 5135381.00 | 485.46 | -71.1383 | 46.3520 | 71°8'17.88' | 46°21'7.2' |
| T27 | 335827.00 | 5134978.00 | 499.44 | -71.1337 | 46.3485 | 71°8'1.32' | 46°20'54.6' |
| T28 | 335475.50 | 5137269.00 | 496.91 | -71.1390 | 46.3690 | 71°8'20.4' | 46°22'8.4' |
| T29 | 336258.00 | 5137905.00 | 452.96 | -71.1291 | 46.3749 | 71°7'44.76' | 46°22'29.64' |
| T30 | 337746.60 | 5134179.00 | 501.07 | -71.1085 | 46.3417 | 71°6'30.6' | 46°20'30.12' |
| T31 | 338007.00 | 5133778.00 | 538.04 | -71.1049 | 46.3382 | 71°6'17.64' | 46°20'17.52' |
| T32 | 338322.00 | 5133482.00 | 504.08 | -71.1007 | 46.3356 | 71°6'2.52' | 46°20'8.16' |
| T33 | 340075.60 | 5135590.00 | 549.02 | -71.0787 | 46.3550 | 71°4'43.32' | 46°21'18' |
| T34 | 339456.00 | 5135049.00 | 576.32 | -71.0866 | 46.3500 | 71°5'11.76' | 46°21'0' |
| T35 | 339621.40 | 5133615.00 | 545.87 | -71.0839 | 46.3371 | 71°5'2.04' | 46°20'13.56' |
| T36 | 339921.70 | 5133220.00 | 555.86 | -71.0799 | 46.3336 | 71°4'47.64' | 46°20'0.96' |
| T37 | 338215.80 | 5129529.00 | 584.69 | -71.1008 | 46.3000 | 71°6'2.88' | 46°17'60' |
| T38 | 337504.40 | 5128889.00 | 601.00 | -71.1098 | 46.2941 | 71°6'35.28' | 46°17'38.76' |
| T39 | 338437.00 | 5128924.00 | 634.48 | -71.0977 | 46.2946 | 71°5'51.72' | 46°17'40.56' |
| T40 | 337954.00 | 5128406.00 | 665.84 | -71.1038 | 46.2899 | 71°6'13.68' | 46°17'23.64' |
| T41 | 338982.30 | 5128187.00 | 618.29 | -71.0904 | 46.2881 | 71°5'25.44' | 46°17'17.16' |
| T42 | 338831.00 | 5127272.00 | 656.94 | -71.0920 | 46.2799 | 71°5'31.2' | 46°16'47.64' |
| T43 | 338971.00 | 5126893.00 | 637.30 | -71.0901 | 46.2765 | 71°5'24.36' | 46°16'35.4' |
| T44 | 338902.90 | 5126392.00 | 587.98 | -71.0908 | 46.2720 | 71°5'26.88' | 46°16'19.2' |
| T45 | 341285.00 | 5129677.00 | 614.74 | -71.0610 | 46.3021 | 71°3'39.6' | 46°18'7.56' |
| T46 | 341779.00 | 5129376.00 | 617.42 | -71.0545 | 46.2995 | 71°3'16.2' | 46°17'58.2' |

Frédéric Gagnon

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