



407 Sansome St., 4th floor
San Francisco, CA 94111

August 19, 2019

Christine Cook
Harry Lanphear
Maine Public Utilities Commission
State House Station 18
101 Second Street
Hallowell, ME 04347

RE: 3Degrees 2018 REC Procurement Report

Dear Ms. Cook and Mr. Lanphear:

In 2012 and 2016 3Degrees Group, Inc. (“3Degrees”) was selected by the Maine Public Utilities Commission (the “Commission”) as the party to supply Renewable Energy Certificates (“RECs”) and services related to the Maine Green Power Program. 3Degrees executed agreements in 2012 with Bangor Hydro Electric Company, Central Maine Power Company and Maine Public Service Company to provide Maine Green Power RECs and services until March 31, 2016. 3Degrees renewed those agreements with an effective date of April 1, 2016 with Emera Maine and Central Maine Power Company to provide additional Maine Green Power RECs and services until 2020.

Pursuant to Section II(8) of the Scope of Services Obligations related to the Maine Green Power Program for each of the contract periods, 3Degrees is required to submit to the Commission its REC Procurement Report on an annual basis.

This letter and the attachments constitute 3Degrees’ REC Procurement Report for the calendar year 2018 (the “Report”). The Report includes the following sections: (1) Total Energy Usage by Program Participants, (2) Total Revenues Collected from Program Participants, (3) Quantity of RECs Purchased, Retired, and Aggregated, (4) Evidence of the Retirement of RECs, and (5) Total Cost of REC Procurement Activities.

Should you have any questions or would like to discuss this Report, please contact me.

Regards,

A handwritten signature in black ink, appearing to read 'St. N.' with a period at the end.

Steven Mickelsen
General Counsel
3Degrees Group, Inc.
(415) 659-8859
smickelsen@3degreesinc.com

3DEGREES GROUP, INC. 2018 REC PROCUREMENT REPORT

1. Total Energy Usage by Program Participants

The total energy usage by Maine Green Power program participants (“Program Participants”) in 2018 was 18,238 MWh. A breakdown of Program Participant energy usage by utility is attached as **Exhibit A**. For purposes of Exhibit A, Central Maine Power is abbreviated as “CMP” and Emera Maine is abbreviated as “EM.”

2. Total Revenues Collected from Program Participants

Total Revenues collected from Program Participants in 2018 totaled \$327,740.40. The invoices 3Degrees sent to the respective utilities are attached as **Exhibit B**.

3. Quantity of RECs Purchased, Retired and Aggregated

3Degrees purchased and retired 18,238 RECs associated with Program Participant energy usage. Exhibit A includes the REC breakdown by respective utility. All RECs were procured from the state of Maine.

4. Evidence of the Retirement of RECs

NEPOOL retirement screenshots associated with Maine Green Power Program RECs provide evidence of REC retirement and are attached as **Exhibit C**.

5. Total Cost of REC Procurement Activities [CONFIDENTIAL]

3Degrees weighted average REC procurement costs per REC for 2018 were as follows

Maine Green Power Program Procurement Costs	2018
Wholesale REC price	\$3.00
Brokerage Commissions	\$0.04
Tracking System Costs	\$0.00
Portfolio Administration**	\$1.92
Total	\$4.96

**Supply origination, legal, settlements, performance assurance, etc.

EXHIBIT A

Utility	Facility	Capacity (MW)	Online Date	Resource	Quantity (MWh)	Generation Period	Qualified RP Date	Retired on
CMP	Bingham Wind	185	12/1/2016	Wind	59	7/2017	MA Class I	6/14/2018
CMP	Bingham Wind	185	12/1/2016	Wind	3	7/2017	MA Class I	6/14/2018
CMP	Bingham Wind	185	12/1/2016	Wind	56	8/2017	MA Class I	6/14/2018
CMP	Bingham Wind	185	12/1/2016	Wind	17	10/2017	MA Class I	6/14/2018
CMP	Bingham Wind	185	12/1/2016	Wind	542	11/2017	MA Class I	6/14/2018
CMP	Bingham Wind	185	12/1/2016	Wind	256	12/2017	MA Class I	6/14/2018
CMP	Otis Hydro No. 1	5.175	1/1/1987	Water - Hydro	359	8/2017	ME Class II	6/14/2018
CMP	Otis Hydro No. 1	5.175	1/1/1987	Water - Hydro	121	9/2017	ME Class II	6/14/2018
CMP	Otis Hydro No. 2	5.1	1/1/1987	Water - Hydro	2,652	8/2017	ME Class II	6/14/2018
CMP	Otis Hydro No. 2	5.1	1/1/1987	Water - Hydro	1,477	9/2017	ME Class II	6/14/2018
CMP	Fog Hill Solar	0.017	12/1/2016	Solar	2	4/2018	ME Class I	6/11/2019
CMP	Fog Hill Solar	0.017	12/1/2016	Solar	3	5/2018	ME Class I	6/11/2019
CMP	Fog Hill Solar	0.017	12/1/2016	Solar	2	6/2018	ME Class I	6/11/2019
CMP	Fog Hill Solar	0.017	12/1/2016	Solar	3	7/2018	ME Class I	6/11/2019
CMP	Fog Hill Solar	0.017	12/1/2016	Solar	2	8/2018	ME Class I	6/11/2019
CMP	Fog Hill Solar	0.017	12/1/2016	Solar	3	9/2018	ME Class I	6/11/2019
CMP	Fog Hill Solar	0.017	12/1/2016	Solar	1	10/2018	ME Class I	6/11/2019
CMP	Fog Hill Solar	0.017	12/1/2016	Solar	1	11/2018	ME Class I	6/11/2019
CMP	Fog Hill Solar	0.017	12/1/2016	Solar	1	12/2018	ME Class I	6/11/2019
CMP	Otis Hydro No. 1	5.175	1/1/1987	Water - Hydro	1,110	7/2018	ME Class II	6/11/2019
CMP	Otis Hydro No. 1	5.175	1/1/1987	Water - Hydro	3	9/2018	ME Class II	6/11/2019
CMP	Otis Hydro No. 1	5.175	1/1/1987	Water - Hydro	76	10/2018	ME Class II	6/11/2019
CMP	Otis Hydro No. 1	5.175	1/1/1987	Water - Hydro	2,668	11/2018	ME Class II	6/11/2019
CMP	Otis Hydro No. 2	5.1	1/1/1987	Water - Hydro	1,758	7/2018	ME Class II	6/11/2019
CMP	Otis Hydro No. 2	5.1	1/1/1987	Water - Hydro	1,502	8/2018	ME Class II	6/11/2019
CMP	Otis Hydro No. 2	5.1	1/1/1987	Water - Hydro	393	10/2018	ME Class II	6/11/2019
CMP	Stetson Wind I	57	1/1/2009	Wind	2,500	11/2018	ME Class I	6/11/2019
Total					15,570			

Utility	Facility	Capacity	Online Date	Resource	Quantity	Generation P	Qualified RP	Date Retired on
EM	Bingham Wind	185	12/1/2016	Wind	133	7/2017	MA Class I	6/14/2018
EM	Bingham Wind	185	12/1/2016	Wind	18	8/2017	MA Class I	6/14/2018
EM	Otis Hydro No. 2	5.1	1/1/1987	Water - Hydro	751	9/2017	ME Class II	6/14/2018
EM	Fog Hill Solar	0.017	12/1/2016	Solar	1	1/2018	ME Class I	6/11/2019
EM	Fog Hill Solar	0.017	12/1/2016	Solar	1	2/2018	ME Class I	6/11/2019
EM	Fog Hill Solar	0.017	12/1/2016	Solar	2	3/2018	ME Class I	6/11/2019
EM	Otis Hydro No. 2	5.1	1/1/1987	Water - Hydro	1,362	10/2018	ME Class II	6/11/2019
EM	Stetson Wind I	57	1/1/2009	Wind	400	11/2018	ME Class I	6/11/2019
Total					2668			