

DEEP Energy Procurements

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Issue

This report describes the main terms of the contracts entered into under the Department of Energy and Environmental Protection's energy procurements conducted under PA 13-303 and PA 15-107.

Background

Generally, [PA 13-303](#) and [PA 15-107](#) authorized the Department of Energy and Environmental Protection (DEEP) commissioner, in consultation with certain other officials, to solicit proposals from certain clean and renewable energy facilities. If the commissioner finds that the responding proposals meet certain criteria, he may direct the electric distribution companies (i.e., Eversource and United Illuminating) to enter into long term agreements to buy energy, generating capacity, and environmental attributes (i.e., renewable energy certificates (RECs)), or any combination of them, from the selected facilities. The parties must submit any resulting contracts to the Public Utilities Regulatory Authority (PURA) for review and approval.

DEEP Procurement Results

Tables 1 through 4 show the main terms of the contracts subsequently entered into under each DEEP procurement process, as approved by PURA and currently publicly available.

(In January 2018, DEEP initiated an additional [Procurement of Clean Energy and Renewable Resources Pursuant to Public Acts 13-303, 15-107, and 17-144](#). In June, DEEP issued a [press release](#) announcing the selection of over 250 MW of clean and renewable energy projects, including 200 MW from offshore wind, 52 MW from various fuel cell projects, and 1.6 MW from an anaerobic digestion project. However, DEEP's final determination for the procurement is not yet publicly available and PURA has not yet approved any subsequent contracts.)

Table 1
PA 13-303 (§ 6) — CLASS I RENEWABLE PROCUREMENT
(9/26/13 [Final Determination](#) by DEEP; PURA Docket No. [13-09-19](#))

<i>Project</i>	<i>Energy Type</i>	<i>State</i>	<i>Capacity (MW)</i>	<i>Contract Term (years)</i>	<i>Energy Price (\$/ MWh)</i>	<i>REC Price (\$/REC)</i>
Fusion Solar Center	Solar	CT	20	20	\$59.75 average (prices ranges from \$44.47 in year one to \$77.98 in year 20)	\$59.75 average (prices ranges from \$44.47 in year one to \$77.98 in year 20)
Number Nine Wind Farm ¹	Wind	ME	250	15	\$57.17	\$12.00

¹Number Nine Wind Farm's contract was [terminated](#) in June 2016

Table 2
PA 13-303 (§ 8) — 2013 CLASS I RENEWABLE PROCUREMENT
(1/31/14 [Final Determination](#) by DEEP; PURA Docket No. [14-02-02](#))

<i>Project</i>	<i>Energy Type</i>	<i>State</i>	<i>Capacity (MW)</i>	<i>Contract Term (years)</i>	<i>Energy Price (\$/ MWh)</i>	<i>REC Price (\$/REC)</i>
Joseph C. McNeil Generating Station (Burlington Electric Dept.)	Biomass	VT	5.4	5	N/A (RECs only)	\$22.50
Joseph C. McNeil Generating Station (Green Mountain Power)	Biomass	VT	2.7	10	N/A (RECs only)	\$27.00
Schiller Unit 5	Biomass	NH	21.5	10	N/A (RECs only)	\$24.84

Table 3
PA 13-303 (§§ 6 & 7) and PA 15-107 (§ 1(c)) — THREE STATE RENEWABLE AND HYDRO PROCUREMENT
(6/27/17 [Final Determination](#)¹ by DEEP; PURA Docket No. [17-01-10](#))

<i>Project</i>	<i>Energy Type</i>	<i>State</i>	<i>Capacity (MW)</i>	<i>Contract Term (years)</i>	<i>Energy Price (\$/ MWh)</i>	<i>REC Price (\$/REC)</i>
Cassadaga Wind	Wind	NY	126 (42.5% CT share)	20	N/A (confidential under PURA protective order)	N/A (confidential under PURA protective order)
Chinook Solar ²	Solar	NH	30 (50% CT share)	20	\$56.75	\$25.00
Farmington Solar	Solar	ME	49 (50% CT share)	20	\$59.85	\$25.00

Table 3 (continued)

Project	Energy Type	State	Capacity (MW)	Contract Term (years)	Energy Price (\$/MWh)	REC Price (\$/REC)
Quinebaug Solar	Solar	CT	49 (50% CT share)	20	\$64.17	\$25.00
Sanford Solar	Solar	ME	49 (50% CT share)	20	\$53.95	\$25.00
Woods Hill Solar	Solar	CT	20 (50% CT share)	20	N/A (confidential under PURA protective order)	N/A (confidential under PURA protective order)

¹ In addition to the six projects above, DEEP's final determination also selected projects from Antrim Wind, Enfield Solar, and Hope-Scituate Solar. However, Antrim Wind and Enfield Solar withdrew their offers during contract negotiations and DEEP relinquished CT's share of the Hope-Scituate solar project to Rhode Island.

² DEEP selected the Chinook Solar Project at 49 MW but the project was reduced to 30 MW during contract negotiations.

Table 4
PA 15-107 § 1(b) — 2-20 MW RENEWABLE, PASSIVE DEMAND RESPONSE AND ENERGY STORAGE
PROCUREMENT

(6/27/17 [Final Determination](#)¹ by DEEP; PURA Docket No.: [17-01-11](#))

Project	Type	State	MW	Term (years)	Energy Price (\$/MWh)	REC Price (\$/REC)
Constitution Solar	Solar	CT	19.59	20	\$74.88	\$25.00
Coolidge Solar I	Solar	VT	19.59	20	\$76.90	\$25.00
Davenport Solar ²	Solar	VT	14.7	20	\$73.25	\$25.00
GRE-15 North Haven CT	Solar	CT	4.98	20	\$79.15 average (prices range from \$62 in year one to \$99 in year 20)	\$30.00
GRE-29 Waterford CT	Solar	CT	17.73	20	\$81.70 average (prices range from \$64 in year one to \$102 in year 20)	\$30.00
Hecate Energy Albany County	Solar	NY	19.99	20	N/A (confidential under PURA protective order)	N/A (confidential under PURA protective order)
Hecate Energy Greene County	Solar	NY	19.99	20	N/A (confidential under PURA protective order)	N/A (confidential under PURA protective order)
Highgate Solar	Solar	VT	19.6	20	\$70.75	\$25.00
Hinckley Solar	Solar	ME	19.58	20	\$69.92	\$25.00
Holiday Hill Community Wind	Wind	MA	5	20	N/A (RECs only)	N/A (confidential under PURA protective order)
Kidder Hill Community Wind	Wind	VT	5	20	N/A (RECs only)	N/A (confidential under PURA protective order)

Table 4 (continued)

Project	Type	State	MW	Term (years)	Energy Price (\$/ MWh)	REC Price (\$/ REC)
Litchfield Solar Plant + Park Project, Litchfield Solar Plant I Facility	Solar	CT	19.8	20	\$32.47 average (prices range from \$29.50 in year one to \$35.60 in year 20)	\$57.26 average (prices range from \$52 in year one to \$62.80 in year 20)
Minuteman Wind Project	Wind	MA	12.5	20	N/A (RECs only)	\$40.00
North Stonington Solar Plant + Park Project, NS Solar Plant I Facility	Solar	CT	9.99	20	\$39.00	\$61.30 average (prices range from \$49 in year one to \$75 in year 20)
Nutmeg Solar	Solar	CT	19.6	20	\$73.88	\$25.00
Pawcatuck Solar Center	Solar	CT	15	20	\$39.50 average (prices range from \$29.40 in year one to \$51.55 in year 20)	\$39.50 average (prices range from \$29.40 in year one to \$51.55 in year 20)
Randolph Center Solar	Solar	VT	19.58	20	\$72.25	\$25.00
Sheldon Solar	Solar	VT	19.63	20	\$71.85	\$25.00
W. Portsmouth St. Solar ³	Solar	NH	10	20	\$66.95	\$25.00
Wallingford Renewable Energy	Solar	CT	19.99	20	N/A (confidential under PURA protective order)	N/A (confidential under PURA protective order)
Wind Colebrook South ⁴	Wind	CT	3.83	20	\$57.50	\$57.50
Winslow Solar	Solar	ME	19.58	20	\$70.55	\$25.00

¹ In addition to the 22 projects above, DEEP's final determination also selected projects from Swantown Road Solar and Swanton Wind. These two projects withdrew during contract negotiations. DEEP also selected a 34 MW passive demand response energy efficiency project which is not included above.

² DEEP selected the Davenport Solar project at 19.58 MW, but its capacity was reduced to 14.7 MW during negotiations.

³ DEEP selected the W. Portsmouth St. Solar Project at 14.69 MW, but its capacity was reduced to 10 MW during negotiations.

⁴ DEEP selected the Wind Colebrook South project at 3.5 MW, but its capacity was increased to 3.83 MW during negotiations.

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