

Appendix 1 - PPOAs Under Commercial Operation or in Pre-Operation

PPOAs Under Commercial Operation as of December 2018

Name / Contract No.	Contract No.	Capacity (MW)	Technology	Location	Contractual Energy Cost (c/kWh) First Year/Current ⁽¹⁾	Energy Cost Annual Escalator	Contractual REC Cost (c/kWh)	REC Annual Escalator	Annual Capacity Factor ⁽²⁾	Average Annual Generation (MWh) ⁽³⁾	Commercial Operation Date
AES Ilumina, LLC	2010-P00050	20	Solar PV	Guayama	15.000 / 16.8924	2%; 20 year term	3.5	N/A	0.221	38,727.47	28-Nov-12
Pattern Santa Isabel, LLC	2010-P00047	95 ⁽⁴⁾	Wind	Santa Isabel	12.500 / 13.668	1.50%; 20 (+10) year term	2.5 / 2.734 current	1.50%	0.191	151,049.61	5-Dec-12
Punta Lima Wind Farm, LLC	2010-AI0001	26	Wind	Naguabo	12.50 / 13.668	1.5%; 20 year term	2.5	N/A	0.230	52,301.10	17-Dec-12
Windmar Renewable Energy, Inc. (Cantera Martino/La Rita)	2010-P00052	2.1	Solar PV	Ponce	15.00 / 17.20	2%; 20 year term	3.5	N/A	0.258	4,748.34	7-Sep-11
San Fermín Solar Farm, LLC	2011-P00050	20	Solar PV	Loiza	15.00/15.9	2%; 20 year term	3.5	N/A	0.204	29,960.81	16-Dec-15
Horizon Energy, LLC	2011-P00034	10	Solar PV	Salinas	14.3/15.18	2%; years 21-25 energy cost fixed @ \$208.3	3.5	N/A	0.259	22,654.99	18-Aug-15
Landfill Gas Technologies of Fajardo, LLC (Fajardo Landfill)	2013-P00046	2.4	LandFill Gas	Fajardo	10	0%; 20 year term	0; granted to PREPA	N/A	0.378	7,222.71	1-Oct-16
Oriana Energy, LLC (Yarotek)	2011-P00048	45	Solar PV	Isabela	15/15.60	2%, 20 year term	3	N/A	0.239	84,742.00	20-Dec-16
Total Capacity		220.5									

PPOAs Under Pre-Operation as of December 2018

Name / Contract No.	Contract No.	Capacity (MW)	Technology	Location	Contractual Energy Cost (c/kWh) First Year/Current ⁽¹⁾	Energy Cost Annual Escalator	Contractual REC Cost (c/kWh)	REC Annual Escalator	Expected Annual Capacity Factor ⁽²⁾	Expected Annual Generation (MWh) ⁽³⁾	Initial Interconnection Date
Coto Laurel Solar Farm, Inc. (Windmar Vista Alegre)	2012-P00052	10	Solar PV	Ponce	15	2%; 20 year term	3.5	N/A	0.220	19,272.00	17-Nov-16
Humacao Solar Project, LLC (Fonroche Energy America)	2012-P00031	40 ⁽⁵⁾	Solar PV	Humacao	15	1%; 25 year term	2.5	N/A	0.220	77,088.00	16-Dec-16
Landfill Gas Technologies of Fajardo, LLC (Toa Baja Landfill) ⁽⁶⁾	2013-P00073	2.4	LandFill Gas	Toa Baja	10	0%; 20 year term	0; granted to PREPA	N/A	0.378	7,947.07	15-Feb-17
Total Capacity		52.4									

Notes:

- 1 PPOAs establish an initial energy price and annual escalator, usually a fixed value. The column shows first year price and, in cases where the project is in service and the price has escalated, the energy price as of June 2018.
- 2 The average annual capacity factor was calculated using the average of the monthly capacity factors since the facility commenced commercial operation, excluding periods in which the facility was in testing or shut down/curtailed. For those projects still undergoing testing, the expected capacity factor given is the average capacity factor for similar facilities.
- 3 The average annual generation was calculated using historical data, except for the Oriana project, which was estimated based on the data since the project entered commercial operation in December 2016. The expected annual generation was calculated using the expected capacity factor.
- 4 Pattern Santa Isabel - Capacity limited to 75 MW; Capacity can increase to 95 MW during certain months (february to september) but PREPA has not allowed increased until Pattern shows it can meet its Technical Requirements.
- 5 Humacao Solar Project, LLC - The facility was developed in two phases: phase 1 (20 MW) is under testing and phase 2 (20 MW) is under construction as of June 2018.
- 6 Landfill Gas Technologies of Fajardo, LLC (Toa Baja Landfill) - The facility completed testing in July of 2017 and was in the process of achieving Commercial Operation when hurricanes Irma and María struck on September 2017. It is expected that the facility will be declared in Commercial Operation in 2018.