

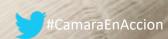
La Cámara de Comercio de Puerto Rico y sus Comités de Legislación, y Energía Agua presentan

CONVERSATORIO

El Futuro de la Energía en Puerto Rico: Cambio en Estrategia

Josué E. Rivera

State Director
Rural Development
U.S. Department of Agriculture



Rural Energy for America Program (REAP)

Renewable Energy Systems & Energy Efficiency Improvements Program





Eligible Applicants

Agricultural Producer





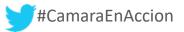
Individual or entity that receives
 51 percent or more of their gross income from agricultural production – crops, livestock, aquaculture, forestry operations, nurseries, dairies

Rural Small Business



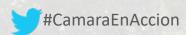


- For-profit small business as defined by the Small Business Administration (SBA)
- Rural area All Puerto Rico except 9 Municipalities
- Rural requirement doesn't apply to Ag Producers



Improve Profits for Your Rural Small Business, Farm or Ranch with REAP

Energy Efficiency		Renewable Energy	
	Lighting	\Diamond	Solar
◎	Heating		Wind
€	Cooling		Small Hydroelectric
	Ventilation	*	Anaerobic Digesters
	Fans	0	Biomass
	Automated Controls	<u> </u>	Geothermal
@	Insulation		Wave/Ocean Power





Eligible Project Costs

- Equipment:
 - Purchase & installation
 - New or refurbished
- Post-application construction & facility improvements
- Retrofitting
- Professional service fees
- Permits & license fees
- Working capital, land acquisition (Guarantee loan ONLY with restrictions)



Ineligible Project Costs

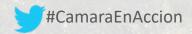
- Residential energy projects
- Equipment:
 - Farm tillage equipment
 - Used equipment
 - Vehicles
- Pre-application construction & facility improvements
- Application preparation or grant writer fees
- Line of credit
- Lease payments
- Payment to the applicant/business owner, beneficiary, or relative



REAP Grant Assistance

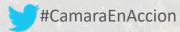
Up to 25% of Eligible Project Costs

Renewable Energy Sys		Energy Efficiency Improvements	
Minimum Grant Request	\$2,500 Total eligible project costs > \$10,000	Minimum Grant Request	\$1,500 Total eligible project costs \geq \$6,000
Maximum Grant Request	\$500,000 Total eligible project costs > \$2 million	Maximum Grant Request	\$250,000 Total eligible project costs > \$1 million

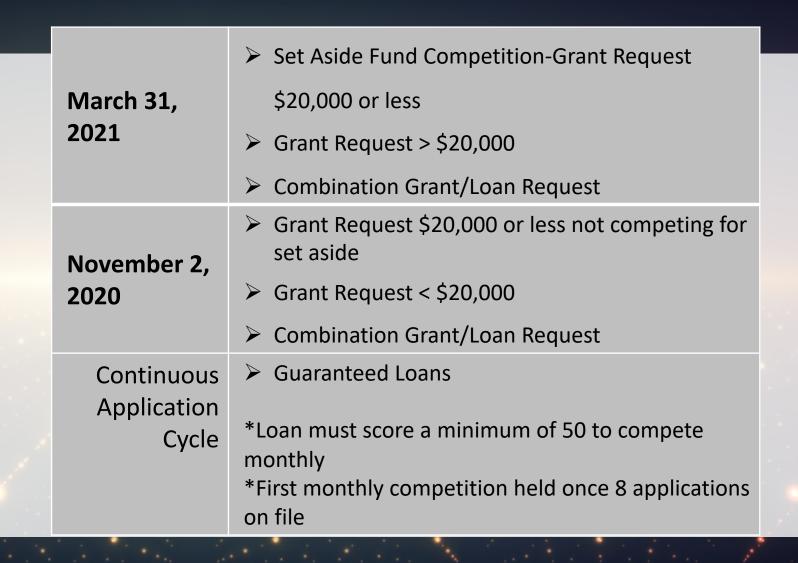


REAP Guaranteed Loan Assistance 75% TPC

Minimum Loan Amount	\$5,000 Total eligible project costs > \$6,667
Maximum Loan Amount	\$25 million Total eligible project costs > \$33.4 million
Details	 USDA guarantees a commercial loan; applicant must have a willing lender. Terms are negotiated between the lender and borrower. Fees, appraisals, equity & collateral requirements apply.
Guarantee Fee	 1% initial fee (one time only) .25% annual renewal fee of guaranteed portion according to principal balance



REAP
Application
Window Closing
Deadlines





Renewable Energy

Master Products	Toa Baja, PR	
Grant 22%: \$409,000	651.575 kW	
Total Project Cost: \$1,868,375	1,945 Q cells 335	





Renewable Energy



Granja Avícola Pujols, San Sebastian

Photovoltaic System 55 KW

Total Project Cost: \$230,000

Grant 25%: \$57,500 Loan: \$115,000



Additional Funding & Technical Assistance

- State Agencies & Programs
- Incentives From Local Utilities
- Commercial Lenders









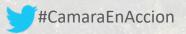












Electric Infrastructure Loan & Loan Guarantee Program

Electric Infrastructure Loan & Loan Guarantee Program

- > The electric program makes loans and loan guarantees to nonprofit and cooperative associations, public bodies, and other utilities.
- > The loans and loan guarantees finance:
 - ✓ the construction of electric distribution, transmission, and generation facilities,
 - ✓ including system improvements to improve electric service in rural areas,
 - ✓ as well as demand side management, smart grid, energy efficiency and conservation programs, and
 - ✓ on-grid and off-grid renewable energy systems.
- > The applicant should be an electric distribution, generation, and transmission providers serving qualified rural areas.



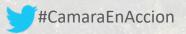












OneRD Guarantee Loan Initiative

USDA has removed unnecessary regulations to increase private investment in rural businesses and rural economic development projects and to improve customer service within four flagship loan guarantee programs.

The Agency implemented a standard set of requirements, processes and forms for four Rural Development programs including the:

- Water and Waste Disposal Guaranteed Loan Program
- Community Facilities Guaranteed Loan Program,
- Business and Industry Loan Guarantee Program, and the
- Rural Energy for America Guaranteed Loan Program.





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