



SMART SourceSM Solar PV Program 2020 Kickoff

**Voice conference call:
(877) 783-2009, access code 981535
*6 to mute your line**

Agenda

What we'll cover:

- Updates from 2019
- 2020 Programs Overview
 - Utility service areas
 - Service provider/customer eligibility
 - Program budgets, incentive levels, limits
 - Opening date
- Information on the Program Website
- Key Participation Steps
 - Registering to become a service provider
 - Submitting project applications
 - Submitting final installation notices
- Common Problems/Issues
- Contact and Questions

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2020 - Key Updates from 2019

Incentive Levels

- Residential - \$0.50/Wdc (-\$0.10/Wdc from last year) – \$5,000 limit
- Commercial - \$0.50/Wdc (-\$0.20/Wdc from last year) for first 25 kW
 - Maintain tiered structure for commercial projects
 - Incentive drops to \$0.25/Wdc for capacity above 25 kWdc
 - \$56,250 max (200 kWdc) incentive in AEP Texas Central
 - \$31,250 max (100 kWdc) incentive in AEP Texas North
 - Bonus \$0.10/Wdc still in effect for commercial projects completed and submitted final application by June 30

Incentive Payments

- Only to registered service providers

Service Provider Eligibility

- Only licensed electrical contractors (but maintain Program Manager discretion)

Solar REC Meter Installation

- Encouraged (no longer required)

2020 Programs Overview

AEP Texas Service Areas

- AEP Texas Central Division
- AEP Texas North Division

Frontier Energy

- Administers the SMART Source Solar PV Incentive Program(s) for AEP Texas



2020 Programs Overview

Service Provider eligibility

- Insurance and W9:
 - GL insurance with minimum limits of \$500k per occurrence and \$500k general aggregate; BI/PD \$500k general aggregate, should name Frontier Energy as additional insured
- Must agree:
 - To comply with all program requirements
 - That only licensed electrical contractors and licensed electricians will offer, perform and permit all associated electrical work
- Qualification
 - TECL + 40 hours solar training (min) *or* qualified to sit for NABCEP Certified Installer exam



2020 Programs Overview

Customer eligibility

- Served by AEP Texas Central or North at the distribution level
- First 9 digits of ESI ID on electric bill identify the distribution utility
 - 100327894 (Central) or
 - 102040497 (North)

AEP Texas - Central Division ESI-ID

100327894 **01234567**
└──────────┘ └──────────┘
Company code Premise ID#

AEP Texas – North Division ESI-ID

102040497 **01234567**
└──────────┘ └──────────┘
Company code Premise ID#

2020 Programs Overview

2020 Budgets

AEP Texas - Central

\$360,000 total

\$180,000 residential

\$180,000 non-residential

AEP Texas - North

\$162,900 total

\$90,000 residential

\$73,590 non-residential

2020 Incentive Levels

AEP Texas - Central

Residential: **\$0.50/watt**

Non-residential (tiered):

\$0.50/watt for 0-25 kW

\$0.25/watt for >25-200 kW

AEP Texas - North

Residential: **\$0.50/watt**

Non-residential (tiered):

\$0.50/watt for 0-25 kW

\$0.25/watt for >25-100 kW

Additional \$0.10/Wdc early completion bonus for non-residential projects completed before June 30, 2020

2020 Programs Overview

Project Size Limits

- Estimated annual energy production from all generation sources must be $<$ or $=$ estimated annual energy consumption

Incentive Limits

- Per project/per customer
 - \$5,000 residential (10 kWdc system)
 - \$56,250 non-residential (Central Division, incentives up to 200 kWdc)
 - \$32,250 non-residential (North Division, incentives up to 100 kWdc)
- Per service provider/project owner
 - Central Division - \$90,000 res, \$90,000 comm in (50% of budget)
 - North Division – \$45,000 res (50% of budget), \$73,590 comm (100% of budget)

Open Season

- No limits on customers and service providers after July 1, 2020

Announcements and Summary

<http://www.txreincentives.com/apv/>

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An AEP Company

Welcome to the SMART SourceSM Solar PV Program

The SMART Source Solar PV Program is designed to help customers of AEP Texas meet a portion of their energy needs with solar electric systems. The Program offers financial incentives that help offset the initial cost of installing a solar energy system. By installing solar on your home or business, you can generate a portion of your own electricity and help the environment.

NOTICE: Only solar installation companies that are registered with the program can apply for and receive incentives, and any installation work must begin after an incentive commitment has been made. Unregistered installers, or installers who claim that you will be able to apply for an incentive after the installation is complete, may be engaging in fraud, and you will not be able to receive an incentive if you work with them. Please see our list of registered installers [here](#).

Program Year 2020 Incentives

In Program Year 2020, the total amount of incentive funding and its allocation to customer classes is shown below:

<u>AEP Texas - Central</u>	<u>AEP Texas - North</u>
\$360,000 total	\$162,900 total
\$180,000 residential	\$90,000 residential
\$180,000 non-residential	\$73,590 non-residential

Incentive levels are as follows (all are in \$/watt dc-stc):

<u>AEP Texas - Central</u>	<u>AEP Texas - North</u>
Residential: \$0.50/watt	Residential: \$0.50/watt
Non-residential (tiered):	Non-residential (tiered):
\$0.50/watt for 0-25 kW	\$0.50/watt for 0-25 kW
\$0.25/watt for >25-200 kW	\$0.25/watt for >25-100 kW

Other limits apply; see the [Program Guidebook](#) for additional details.



Current Program Status

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Program Status Page

Current Program Year - 2019

Budget Status as of	8/19/2019			
	AEP Texas Central		AEP Texas North	
	Res	Comm	Res	Comm
Incentive Budget	\$180,000	\$180,000	\$90,000	\$73,590
\$ Approved	\$179,754	\$180,000	\$90,000	\$74,010
Accepting Applications	Closed	Closed	Closed	Closed
Total \$ Requested	\$235,436	\$698,119	\$107,724	\$99,610

Past Program Year Results

- [Program Year 2018 results](#)
- [Program Year 2017 results](#)

Guidebook and Forms

<http://www.txreincentives.com/apv/>

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2020 Program Guidebook and Forms

Program Guidebook

- [2020 SMART SourceSM Solar PV Program Guidebook](#)

Program Forms

- [2020 Service Provider Registration Form](#) (SPRF, used to register a company to participate in the program)
- [2020 Project Application Form](#) (PAF, used by a registered Service Provider to apply for program funding for a specific project)
- [2020 Installation Notice/Incentive Request Form](#) (INIRF, used by a registered Service Provider to notify the program implementer a project is complete)

- [Guidance document](#) on taking and submitting photos required with INIRF

Other Important Information

- 2020 program kickoff webinar (coming soon).
- [Current program funding status](#)
- Interconnection Information
 - [AEP Texas Interconnection Application Form \(v 12-1-2016\)](#)



An **AEP** Company



An **AEP** Company

Key Participation Steps

1. Registering to Become a Service Provider

- There is no deadline to register; but you must be registered before you may submit project applications
- All previously registered service providers must re-register for the new program year
- Use the Service Provider Registration Form (SPRF), a PDF-fillable and -signable form, linked on the Guidebook and Forms page
- Email the filled out form, plus supporting documentation, to pvapps@frontierassoc.com with “SPRF – Contractor Name” in the subject line

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Service Provider Information/Registration Form

Use this form to register as a Service Provider eligible to request incentives from the PV incentive programs in Texas administered by Frontier Associates and Clean Energy Associates. This form must be used with the latest version of Adobe Reader (available at <http://get.adobe.com/reader/>).

Submit this form electronically to pvapps@frontierassoc.com with "SPRF – [CONTRACTOR NAME]" in the subject line. Please send application materials as one package, not in separate emails, unless directed to do so by program staff. Due to the high volume of applications being processed, application materials received separately may cause your application to be delayed or deemed incomplete. If you need to fax a copy of the signed signature page only, send it to (512) 659-5624. For questions please contact the Program Manager.

Please indicate which programs you would like to participate in:

AEP-TCC AEP-TNC Sharyland (Commercial Only)

1. COMPANY INFORMATION

Company Name: _____

Address Line 1: _____

Address Line 2: _____

City: _____ State: _____ ZIP Code: _____

Website: _____

Tax ID#: _____ VI-9 Attached

2. PRIMARY CONTACT INFORMATION (the company's primary point of contact with program administrative staff)

Primary Contact First Name: _____ Last Name: _____

Phone: _____ E-mail Address: _____

3. PUBLIC CONTACT INFORMATION (information we will publish on the program website)

Office Phone: _____

Email Address: _____

Website: _____

4. INSURANCE INFORMATION

Insurance company name: _____

Policy #: _____ Exp. Date: _____ Certificate Attached

Required coverage for AEP-TCC and AEP-TNC: a) Commercial general liability coverage of with minimum limits of \$500,000 per occurrence and \$500,000 general aggregate; and, b) Bodily Injury and Property Damage/\$500,000 General Aggregate. Policies should name as additional insured: Frontier Associates, 1515 S Capital of Texas Hwy, Suite 110, Austin TX 78756, 512-372-5778.)

Key Participation Steps

2. Submitting Project Applications

The 2020 programs will begin accepting project applications on January 2, 2020, at 12:00 noon Central time.

- Applications are processed on a first-completed, first-served basis
- Use the Project Application Form (PAF), a PDF-fillable and -signable form, linked on the Guidebook and Forms page
- Email the filled out form, plus supporting documentation, to pvapps@frontierassoc.com with “PAF – Customer Last Name - City” in the subject line
- You will receive a Funding Reservation Letter if your project is approved
- Funds are reserved 3 months for res projects, 4 months for non-res

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Project Pre-Approval Application Form

Service Providers may use this form to apply for incentive funds from PV incentive programs in Texas administered by Frontier Associates and Clean Energy Associates. This form must be used with the latest version of Adobe Reader (available at <http://www.adobe.com/reader>). Submit this form electronically to pvapps@frontierassoc.com with "PPAF - [CUSTOMER LAST NAME], [CITY]" in the subject line. Please send application materials as one package, not in separate emails, unless explicitly directed to do so by program staff. Due to the high volume of applications being processed, application materials received separately may cause your application to be delayed or deemed incomplete. If you need to fax a copy of the signed signature page only, send it to (512) 669-5624. For questions please contact the Program Manager.

1. SERVICE PROVIDER IDENTIFICATION (Who is submitting this form to request funding for the project?)

Service Provider Name: _____
Service Provider Contact Email For This Project: _____
Electrical Contractor Who Will Offer, Perform and Permit Electrical Work for this Project: _____
Company Name: _____ License #: _____

2. CUSTOMER INFORMATION (Who pays the electric bill at the proposed installation address listed in 4, below?)

Customer class: Residential Commercial Non-profit or Government
Customer First Name: _____ Last Name: _____
Company Name (if applicable): _____
Customer Address Line 1: _____
Customer Address Line 2: _____
City: _____ County: _____ State: _____ Zip Code: _____
Phone Number: _____ Email: _____

3. INSTALLATION ADDRESS (What is the service address where the system will be installed/interconnected?)

Check here if same as #1 (Customer) and skip to next section
Address Line 1: _____
Address Line 2: _____
City: _____ County: _____ State: TX Zip Code: _____
Interconnected Meter ESH-ID #: _____
Annual kWh consumed: _____ (kWh/yr) estimated actual (from bills)
 There is an existing PV system at this site. Existing capacity: _____ (kWdc, to 3 decimal places)
Site Contact Person: _____ Phone Number: _____ Email: _____

4. SYSTEM OWNER (Who will own the system once it is installed?)

Check here if #1 (Service provider) or #2 (Customer), and skip to next section
Owner First Name: _____ Last Name: _____
Company Name (if applicable): _____
Owner Address Line 1: _____
Owner Address Line 2: _____
City: _____ State: _____ Zip Code: _____
Phone Number: _____ Email: _____

5. PROPOSED NEW INSTALLATION

Mounting Type: Roof Ground Pole Other _____
Construction Type: New construction Existing construction
Permanently affixed to structure: Yes No
Proposed system capacity: _____ (kWdc, to 3 decimal places)
Proposed construction start date: _____ Completion date: _____

Key Participation Steps

3. Submitting Installation Notice/Incentive Requests

- Applications are processed on a first-completed, first-served basis
- Use the Installation Notice/Incentive Request Form (INIRF), a PDF-fillable and -signable form, linked on the Guidebook and Forms page
- Email the filled out form, plus supporting documentation, to pvapps@frontierassoc.com with “INIRF – Customer Last Name - City” in the subject line
- We begin the check request process after receiving a complete INIRF – checks can take 6-8 weeks to deliver

Final Application/Installation Notice

Eligible Service Providers may use this form to notify the Program Manager that a project is complete and ready for inspection and/or final incentive processing. This form must be used with the latest version of Adobe Reader (available at <http://get.adobe.com/reader/>).

Submit this form electronically to pvapps@frontierassoc.com with "IAF - [CUSTOMER LAST NAME], [CITY]" in the subject line. Send application materials as one package, not in separate emails, unless directed to do so by program staff. Due to the high volume of applications being processed, materials received separately may cause your application to be delayed or deemed incomplete. For questions please contact the Program Manager.

1. Project Identification
Reg # _____ Customer Last Name: _____ City: _____
Licensed electrical contractor who offered, performed and permitted electrical work for this project
Company Name: _____ License #: _____

2. Changes Since Pre-Application Approval
Have any details about this project changed from those presented in the project pre-application form and attachments? No Yes (resubmit changed pre-app submittals with changes highlighted)
Permanent account # (for new construction, if not already submitted): _____

3. Solar (or "REC") Meter Information
Make: _____ Model: _____ Meter #: _____
Starting kWh Value: _____ System Startup Date: _____

4. Additional Documentation Required
Check below to indicate each additional item is submitted along with this form.

Copy of signed final customer invoice, indicating the:
 Total price of the installation;
 Total price of the installation, exclusive of battery bank (if different from above);
 Incentive amount;
 Amount due from customer (if any);

Copy of signed interconnection agreement
 List of module and inverter serial numbers
 Copy of customer warranty
 Copy of local jurisdiction's UCC (or other proof indicating electrical work has been permitted and has passed local inspection if required; if not required, submit letter identifying and providing contact information for the applicable local jurisdiction).

The utility has replaced the main service meter: Main service meter #: _____

Photos of completed installation (low-res image files):
 Overview - Front of house/business
 Overview - PV array
 Overview - BOS equipment
 Closeup - Module specs label
 Closeup - Inverter specs label
 Closeup - Main service meter
 Closeup - Solar (REC) meter
 Closeup - Utility AC disconnect

Map showing site location (for new construction projects only)

5. Additional Incentives (Optional) Will the project owner receive, or does the project owner plan to receive, any additional incentives for this project? If so, describe each incentive source and value:

6. Job Creation: Approximately how many person-hours were expended on this project? _____

7. Service Provider Attestation
I hereby attest that all information submitted regarding this project is true and accurate; that it conforms to all Utility Solar PV Program guidelines, requirements, and eligibility limits applicable to equipment, installation, interconnection, customers, and contractors; and agree that the installation may be subject to physical inspection at any time.

Signature of Authorized Officer Title Date

Keys to Success

- Read the Guidebook and forms
- Check them again if/when a question comes up
- Finish projects on time
- Do not send in incomplete or inconsistent information. (If there's good reason why something does not conform, be sure to explain clearly in the documentation provided why the information is missing/inconsistent and if/when it will be resolved.)

Questions and Contact



Rob Lovenguth, rlovenguth@frontierenergy.com, 737-443-7841 (o)
Steve Wiese, swiese@frontierenergy.com, 737-236-0255