MLGW 2017 Distributed Generation Process Overview

MLGW offers customers the opportunity to generate renewable electricity onsite and interconnect to MLGW's electric grid through various options. Learn about available options, policies and system requirements at: www.mlgw.com/greenpower .

This document provides a brief summary of the steps in the application, construction and approval process. For more information, please email bwilliamson@mlgw.org or call Becky Williamson at 901-528-4748.

Customers should:

1. Find a contractor to conduct a site review and develop a project plan for consideration. (If pursuing solar generation through Green Power Providers, your solar installer must have passed the North American Board of Certified Energy Practitioners [NABCEP] entry-level installer examination. Find solar installers at www.nabcep.org and https://www.tva.com/Energy/Valley-Renewable-Energy/Green-Power-Providers/NABCEP-Installers-List)

2. Determine which interconnection option you wish to pursue.
   a. If Green Power Providers, complete the following steps:
      i. Check the TVA dashboard https://www.tva.com/Energy/Valley-Renewable-Energy/Green-Power-Providers/Green-Power-Providers-Dashboard for remaining program availability
      ii. Submit a *Capacity Reservation Request* through the TVA portal by clicking "Apply Now/Login" at https://www.tva.com/Energy/Valley-Renewable-Energy/Green-Power-Providers between 1/11/2017 and 12/16/2017.
      iii. Await notification as to whether your request has been accepted, then proceed to next step.
   b. If Dispersed Power Production, call TVA at 423-751-8640 or email dpp@tva.gov to request a standard contract, and then proceed simultaneously with MLGW steps below.
   c. If any other interconnection option, go to next step.

3. Submit an MLGW *Application for Interconnection of Distributed Generation*, along with application fee payment and required technical documents listed therein. Download the PDF (Tier 1 or Tier 2, based on proposed project size) from http://www.mlgw.com/about/greenpowerswitchdocs Do not order or purchase equipment until MLGW has approved project.

4. Submit project to Memphis/Shelby County Office of Construction Code Enforcement (or suburban jurisdiction, if applicable) and await approval. (This step can be taken simultaneously with MLGW processes.)

5. Await MLGW's technical review of the proposed installation. (Most projects are reviewed within 10 business days. Depending on size, location and available infrastructure, an interconnection study may be required.)

6. Await response from MLGW technical review.
   a. If Green Power Providers, login to TVA portal (using credentials emailed by TVA) and submit the *Participation Agreement Request*, which MLGW and TVA will execute after approving the project's technical plan. MLGW also will send a prepared copy of the *Interconnection and Parallel Operation Agreement*.
   b. If any other option, you will receive from MLGW the prepared copy of the *Interconnection and Parallel Operation Agreement*.

7. Receive the interconnection cost quote from MLGW Customer Engineering and pay amount due. Project cannot proceed without payment.
8. Sign and return the *Interconnection and Parallel Operation Agreement* with insurance documentation. (MLGW will sign and return a copy for your records.)
9. Notify contractor to order materials and begin installation.
10. Have contractor obtain generation meter's electric meter socket from MLGW Electric Meter Operations and install.
11. Have contractor notify Code Enforcement of construction completion and need for final inspection.
12. Have contractor call MLGW's Builder Services Center, 901-729-8630, to request installation of the generation meter. (Note that MLGW must have received Code Enforcement's computerized notice of final inspection before a meter installation service order can be created. This is not a same-day process, so plan accordingly.)
13. Await MLGW installation of the generation meter. System must be off to avoid unauthorized generation until project passes system acceptance test.
14. Notify MLGW of readiness for the acceptance test:
    a. If Green Power Providers, installer will login to TVA portal to complete and submit the *System Acceptance Form*, which will alert MLGW.
    b. If any other option, email bwilliamson@mlgw.org or call Becky Williamson at 901-528-4748 to request.
15. Submit payment for System Acceptance Test fee.
    a. If Green Power Providers, TVA pays for a maximum of 2 site visits to obtain acceptance. If more than two visits are required, each visit requires payment of $200 System Acceptance fee, by check, payable to MLGW, prior to scheduled visit date.
    b. If any other option, each visit requires payment of $200 System Acceptance fee, by check, payable to MLGW, prior to scheduled visit date.
16. Await scheduled date for MLGW site visit for system acceptance test. (Installer or participant representative must be present during test.)
    a. If Green Power Providers, MLGW will complete and submit the *System Acceptance Form* to TVA, which authorizes the start of parallel operation for the renewable generation system.
    b. If any other option, MLGW will complete the *System Acceptance Form* and send copy for your records, which authorizes the start of parallel operation for the renewable generation system.

Federal Tax Credits and Potential Funding Source

Homeowners and businesses may qualify for a Federal tax credit equal to 30% of the installed cost, for solar and small wind renewable generation systems which begin construction by 12/31/2019. Tax incentives decline after 2019. For details, consult your tax professional and http://programs.dsireusa.org/system/program/detail/1235 and http://programs.dsireusa.org/system/program/detail/658

Businesses and some non-profit organizations in Tennessee may qualify for a low-interest energy efficiency and renewable generation loan through Pathway Lending. Find details at: https://www.pathwaylending.org