



MedinaEC.org

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About Medina EC

The Service Area and Load:

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- The map displays the Rio Grande Valley region, with county boundaries and major cities labeled. The Rio Grande is shown flowing along the southern border. The legend indicates the following symbols:
- City or Town (black dot)
 - County Seat (red star)
 - MEC Office (blue square with white 'M')
 - MEC Service Area (blue shaded region)
- The inset map shows the location of the Rio Grande Valley within the state of Texas, with a compass rose indicating North.

- Medina EC purchases power from South Texas Electric Cooperative (STEC); one of the 9 members of STEC and maintains two seats on the board.

MedinaEC.org/Rates,

MedinaEC.org/CorpDocs > Tariff

- ## Large Loads

Because of the constantly changing nature of the industry and the number of inquiries from large loads, MEC is not able to provide site input for potential members or developers. Generally, sites most advantageous from a cost and timeline perspective will be located near existing transmission lines. Once a site is selected, MEC will evaluate it with an application.

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Application Process

- Once a site has been selected and the project is ready to move forward with studies, submit an Electric Service Agreement (ESA). This facilitates membership in the cooperative and sets up the project.
 - Complete the application found at MedinaEC.org/NewService.
 - The application you will use for large loads can be found in the section on New Construction for Commercial Applications.
 - \$100* non-refundable engineering fee is required with the application.
 - For large load applications, an Advanced Contribution in Aid to Construction (ACIAC) of \$30,000* is required. This is to cover staff time and other expenses associated with the project. If the project is canceled, a refund for any of that money not used for the project will be returned.
 - Once the application is received and initial fees are paid, MEC will create a work order, assign a Business Development Coordinator (BDC) to the project, and schedule the first meeting with both MEC and our generation and transmission service provider, STEC, to discuss the study process and timelines in further detail.
 - During the process your assigned BDC will facilitate all correspondence with STEC, track progress and provide updates.

Current Timelines

- Study process for loads of 75MW or more: 9 to 12 months from start to receiving of ERCOT endorsement.
 - Loads under 75MW may also require a study.
- Lead time on power transformers: Current lead time on power transformers (138kV high side/34.5 kV low side) are at approximately 30 months.

Study Process for Large Loads

Loads of 75MW and more will require a transmission study. Loads between 10-74MW may require a study; that will be determined once the application is received and reviewed. If a study is required, MEC will put together and send a Letter of Authorization that will include the costs of the study, which are currently \$200,000*. Once the letter is executed and funds for the study are received, the process will start.

- There will be initial information required to get the study started including the maximum load requested, load ramps, etc.
- Once the study is underway, the BDC will schedule regular meetings with the member and STEC to discuss progress on the study and any other items pertaining to the project.
- Once STEC has the options for corrections to the transmission violations based on the study, an amount will be provided to the member for a Letter of Credit (LOC). This amount will be for the portion of transmission upgrades specific to the project.
- The LOC is required prior to STEC submitting the study to the Large Load Task Force (LLTF). ERCOT requires commitment from the end user before endorsement is issued.

Exceed Member Expectations in Everything We Do.

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Self-Generation

Many large loads have an interest in self-generation. MEC is certificated to provide retail generation service to loads in MEC service territory, but self-serve generation is permitted.

- To be a self-serve generator, a power plant or backup power source located at the site must only serve its own load.
 - The generator owner and the load owner must be the exact same corporate entity or person; they cannot be affiliates, joint venture partners, subsidiaries of one another, third parties, etc.
- If the on-site generation is owned by any other entity, they must be registered with the PUCT as a Power Generation Company (PGC) which requires that it not serve any retail load and only sell at wholesale into the grid. Since MEC is certificated to provide retail generation service to loads in MEC service territory, a third party may not act like a registered transmission service provider and serve or sell power to another entity.

Benefits of Being a Medina EC Member

There are benefits to being a member of a not-for-profit cooperative. Medina EC operates under the Seven Cooperative Principles, and these principles guide all decisions made by staff and the board.

1. **Voluntary and open membership.** As a member, you are an owner, not just a ratepayer. The cooperative is collectively owned by the membership.
2. **Democratic member control.** Governed by a nine-member Board of Directors who are elected by the members to represent member interests. Each of MEC's three voting districts have three director representatives. Each director is elected to 3-year terms.
3. **Member's economic participation.** Members are eligible to receive capital credits. These margins are allocated to members annually. Upon retirement, capital credits are paid to each member based on their electric bill.
4. **Autonomy and independence.** The cooperative is an autonomous, self-help organization controlled by our members.
5. **Education, training and information.** The cooperative provides education and training for members, elected representatives, managers, and employees to contribute effectively to the development of the co-op and area communities.
6. **Cooperation among cooperatives.** The cooperative takes pride in working together in partnerships which make our organization more effective for our members and area.
7. **Concern for community.** Demonstrated community involvement in all counties we serve.

The People Behind the Power:

- Served by 140 employees; Responsive staff, available 24/7

**Costs as of 3/2025 - All costs are subject to change*