



“The Energy Company Of Choice”®

Interconnection

Western Indiana Rural Electric Membership Corporation (WIN Energy REMC) is a rural electric distribution cooperative located in southwestern Indiana. On August 8th 2005 the Energy Policy Act of 2005 was signed into law. Under this new law, electric utilities that sell in excess of 500 million KWH in retail electric sales are required to consider the standard under PURPA Section 1254. The clear intent of this law is to promote renewable energy and energy efficiency.

As an electric cooperative, WIN Energy REMC must always be cognizant of the needs of its members. WIN Energy REMC’s mission is to provide safe and reliable electric service to our members. Interconnection of generators to a distribution grid can have both desirable and undesirable effects. It is the undesirable effects that could influence both the safety of our members and the safety of our line workers, as well as adverse electric effects that must be mitigated. Because of this potential, any member desiring interconnection to WIN Energy REMC’s distribution system **MUST** comply with the standards developed by the Institute of Electrical and Electronic Engineers, IEEE Standard 1547 for Interconnecting Distributed Resources with Electric Power systems, and the National Electric Safety Code (NESC), as they may be amended from time to time. WIN Energy REMC reserves the right to supplement these standards as they may apply to any specific situation.

Many issues may still arise from interconnecting generator to a distribution system even though that connection may still comply with all standards and Indiana law. One of the main concerns is with the electric distribution system’s stability and reliability. This concern can include, but is not limited to, sectionalizing operations, line capacity, and substation capacity. Additionally, WIN Energy REMC is under contract with Hoosier Energy REC to purchase all of its power requirements from Hoosier Energy REC. For all of the above reason, WIN Energy REMC will coordinate generation up to 10 KW. All generation in excess of 10 KW will be coordinated jointly between WIN Energy REMC and Hoosier Energy REC.

Creation of specific special rates are both time consuming and costly. At this time WIN Energy REMC has had no requests for this type of rate. Since costs change over time, it not a prudent use of resources to create a rate for a non-existing member. The above dissertation outlines WIN Energy REMC's ideas on how a rate design would be accomplished based on the information available at the time of this writing. If and when WIN Energy REMC is approached concerning this type of service, WIN Energy REMC is willing to work with the member within the guidelines stated above and the regulatory obligations applicable at that time.

Links to this document and to the Library of Congress website listed above will be available on the WIN Energy REMC website at:

www.winenergyremc.com