

NON-UTILITY POWER PRODUCERS AND CO-GENERATORS

I. OBJECTIVE

To describe the requirements for interconnection of energy resource generating equipment to be operated in parallel with the utility electrical system.

II. POLICY

A. Subject to the conditions specified in the most recent version of the "GVEA Interconnect Specifications, A Technical Guide for Operating, Metering, Monitoring, and Protective Relaying of Non-Utility Power Producers and Co-Generators" and this policy, GVEA will accommodate interconnection by co-generators, if economically feasible, in a variety of technically-recognized energy sources, including hydro, solar, wind, photovoltaic or other types of sources, in addition to conventional fossil fuels.

B. GVEA has established several different classes of interconnections for customer-owned parallel generation, each with distinctive protection, metering and operating requirements. These are defined in GVEA's Operating Tariff and the GVEA Interconnect Specifications.

C. The co-generator will pay all costs incurred by GVEA for activities associated with processing the interconnection application, including legal costs to the extent permitted by law.

It will be the co-generator's responsibility to provide adequate safeguards for protection of the interconnected facilities, life and property.

D. The co-generator will agree to defend, indemnify and hold GVEA harmless for all damages and injuries to co-generator or others (including damage to GVEA or to other customers) arising from the use, ownership or operation of the co-generator's facilities.

E. The co-generator will agree to defend, indemnify and hold GVEA harmless from effects of transient conditions that may damage or in any manner affect the co-generator's interconnected facilities, including, but not limited to, lightning surges, line faults or outages.

- F. The co-generator will agree to defend, indemnify and hold harmless GVEA from consequences of any outages, damage to GVEA's facilities, and damage to life or property that the co-generator's interconnected facilities may cause.

It will be the co-generator's responsibility to provide adequate safeguards for the protection of GVEA's equipment and facilities against damage caused by the co-generator's interconnected facilities.

- G. GVEA will not participate in the design, construction or installation of the interconnected facilities, except as set out in the GVEA Interconnect Specifications or GVEA's Operating Tariff and the steps below. It is recommended that the co-generator consult with a registered, professional electrical engineer in the design of the interconnected facilities.

STEP ONE: The co-generator will submit an Application for Parallel Operation with Utility Service as provided in the GVEA Interconnect Specifications, a SNAP, or a SNAP-Plus Application, along with preliminary plans and specifications to GVEA for preliminary approval. GVEA will provide a preliminary written response to the applicant within fifteen (15) working days.

STEP TWO: The co-generator will submit to GVEA detailed final plans and specifications for the interconnection, including devices added to address issues noted in GVEA's preliminary written response.

STEP THREE: The co-generator will assume all costs associated with the interconnection facilities, including, but not limited to, engineering studies, construction, protective relaying, metering and permitting.

- H. Accounting for power transactions between the co-generator and GVEA will be performed by GVEA at its cost. Credits or payments to the co-generator, for power supplied to GVEA from the co-generator's generation facilities, will be accounted for and paid according to procedures adopted by GVEA.
- I. GVEA will pay to the co-generator, for power generated and delivered to GVEA, a price as defined in GVEA's Operating Tariff, as filed with the Regulatory Commission of Alaska (RCA), as calculated for the quarter preceding the payment.
- J. GVEA will install a meter or meters which separately measure power received and power delivered. In the case of co-generators maintaining active service, all power consumed on the premises will be measured as power delivered. All power generated by the alternate generation facility and furnished to GVEA will be measured as the power received. GVEA will credit the account of the co-generator or pay the co-generator for kilowatt-hours furnished to GVEA as power received.

- K. In the case of co-generators receiving standby service, they shall receive service and interconnection pursuant to GVEA's tariffs as approved by the Regulatory Commission of Alaska.
- L. In the case of co-generators who contract with GVEA to provide capacity and/or energy, terms and conditions will be specified in the contract.

III. RESPONSIBILITY

It will be the responsibility of the President & CEO to ensure compliance with this policy.

ADOPTED: January 28, 1991
AMENDED: July 24, 2017