(D)(N)

(D)(N)

**B. Technical Requirements:** (continued)

**1. Tier 1** (continued)

d) Disconnect Switch (continued)

2. To maintain Company operating and personnel safety in the absence of an external disconnect switch, the interconnection customer shall agree that the company has the right to disconnect electric service through other means if the generating facility must be physically disconnected for any reason, without liability to the Company. These actions to disconnect the generating facility (due to an emergency or maintenance or other condition on the electric system) will result in loss of electrical service to the customer’s facility or residence for the duration of time that work is actively in progress. The duration of outage may be longer than it would otherwise have been with an AC disconnect switch;

3. In the absence of an external disconnect switch, the interconnection customer is required to operate and maintain the inverter in accordance with the manufacturer’s guidelines, and retain documentation of commissioning. In the absence of such documentation the Company may, with 5 days’ notice and at the interconnection customer’s expense, test or cause to be tested the inverter to ensure its continued operation and protection capability. The person that tests the inverter shall provide documentation of the results to both the Company and the interconnection customer. Should the inverter fail the test, the Company may disconnect the generating facility, and require the interconnection customer to repair or replace the inverter. The cost of any such repair or replacement required by the Company shall be the sole responsibility of the interconnection customer.

**2. Tier 2:**

a) In all cases, the interconnection facilities must isolate the generating facility from the electric system as specified by IEEE 1547, and the interconnection agreement. The interconnection customer shall prevent its generating facility equipment from automatically reenergizing the electric system as specified by IEEE 1547, and the interconnection agreement. For inverter–based systems the interconnecting facility must comply with IEEE 1547, UL 1741 and the interconnection agreement set forth by the electric utility. For noninverter based systems a separate protection package will be required to meet IEEE1547 and the interconnection agreement set forth by the Company.

b) If the generating facility fails to meet the characteristics for Tier 2 applicability, but the Company determines that the generating facility could be interconnected safely if minor modifications to the transmission or distribution system were made (for example, changing meters, fuses, or relay settings), then the Company may offer the customer a good-faith, non-binding estimate of the costs of such proposed minor modifications. If the interconnection customer authorizes the Company to proceed with the minor modifications, then the Company may approve the application using Tier 2 processes and technical requirements;

c) For proposed generating facilities 50 kW and greater, three-phase connection may be required by the Company;