

CITY & COUNTY OF DENVER COMMUNITY PLANNING & DEVELOPMENT BUILDING PERMIT POLICY		
Subject: DISTRIBUTED RESOURCES (DR) GENERATING SYSTEMS		
Approved: Peter Bemelen, P.E., Building Official		
Number: NEC 705	Effective Date: November 1, 2004 Revised: October 17, 2011	Page: 1 of 1

**Reference: National Electrical Code (NEC) Article 705
Section 106, Denver Building Code**

This policy is established to provide a means for the evaluation of DR systems and installers consistent with existing codes and standards and recognizing current development work. Code-based requirements for DR installations consistent with community policy and local safety and environmental concerns will be maintained.

Building owners or tenants who desire to install DR systems to enhance electric power quality and reliability to their facility shall adhere to the following:

DR systems shall be any power production equipment meant to operate in parallel with the utility. These include, but are not limited to: photovoltaic, wind, microturbine, fuel cell and engine-generators. Battery systems (UPS) are not included.

1. Proposed DR systems shall be identified when making PBG/PUD/PRV and construction permit application. DR system design may be a "deferred submittal" under Section 133.5 of the Denver Building Code. We will review applications for compliance with: land use, proximity to property lines, impact to adjacent occupancies, noise limits, air quality standards, "economic justice" and relevant construction codes.
2. Users shall submit certification from the local utility that the DR system complies with utility interconnection requirements and IEEE Standards.
3. Manufacturer certification of system environmental emissions and HAZMAT statements for all fuel sources and combustion by-products are required. Design Engineer certification of system design compliance with equipment listing from a nationally recognized testing laboratory (UL, ETL, FM, etc.) is required. The statement shall read: "THIS DESIGN HAS BEEN REVIEWED FOR CONFORMANCE WITH THE APPLICABLE INSTALLATION REQUIREMENTS OF THE EQUIPMENT LISTING." Certification shall appear on the Title Sheet and be signed and dated by the responsible design professional.
4. Designs shall be submitted per Section 133 of the Denver Building Code. Stamp and signature of the responsible design professional is required.
5. Installation shall be by properly licensed contractors familiar with the DR technology and equipment. Written verification of the company's experience may be required by the Building Official.
6. Users shall submit a certification of conditions of operation and maintenance for the DR system. Information to include: type of DR, projected run time & frequency, individual or company responsible to bring unit on/off line; and party responsible for system maintenance. Records of system maintenance shall be kept on the premises for inspection by the Building Department or Fire Department at any time. Failure to properly maintain and operate DR systems shall be subject to the provisions of Section 107.1.10, Denver Building Code.
7. See NEC Article 705 for additional requirements.

END OF DOCUMENT