

Exhibit 1

Narrative Statement

The applicant herein, Southern Telecom, Inc. (“STI”), is an affiliate of the Southern Company (“Southern”). Southern is a public utility holding company that through its affiliates provides electric and other services to customers in Georgia, Alabama, Mississippi and the Florida panhandle (the “Service Territory”). STI is a qualified Exempt Telecommunications Company (“ETC”) under PUHCA.

Southern is interested in the potential use of power line communications (“PLC”) to provide a more intelligent electric grid and to provide broadband Internet access to its electric customers. Southern seeks to test the PLC technology available from several vendors, including Ambient Corporation, Main.net Communications, Ltd., and PowerComm Systems, Inc. Accordingly, in order for Southern to test and evaluate PLC equipment, STI hereby applies for this experimental license.

Geographic area: The Service Territory of the Southern Company in the States of Georgia, Alabama, Mississippi and Florida.

Frequency range: 1.7 to 88 MHz.

Time period: two years.

Number of units of equipment: 1,000.

Description of equipment: In accordance with Section 2.803(g), STI will test devices that are designed to comply with Part 15 and to the best of the vendor's knowledge will upon testing comply with Part 15. PLC equipment consists of PLC modems and couplers that are used to enable RF signals to travel over medium and low voltage electric distribution lines and over inside electrical wiring in customer premises. PLC modems convert Ethernet protocol signals into radio frequency (RF) signals that can be transmitted over power lines. Couplers enable the RF signals generated by PLC modems to be transmitted to power lines without direct connection to the electric conductors.

Description of installations: Trial participants will plug PLC modems into electric outlets in their homes or businesses and connect the PLC modem to their computer using USB or Ethernet cables. STI and its vendors will use couplers to attach additional PLC modems to the electric distribution grid at points of interconnection with broadband communications networks, at electric distribution transformers as repeaters, and in other locations on the power distribution grid where needed as repeaters. STI requests authority for 1000 units in order to be able to explore various network configurations that may occur on a typical US electric distribution grid.

STI seeks authority to test power line communications (PLC) equipment that may be offered by several vendors, including Ambient Corporation, Main.net Communications, Ltd., and PowerComm Systems, Inc.

Description of technical tests: PLC equipment will be evaluated for performance in two broad respects, customer acceptability and FCC compliance. The performance of the equipment will be evaluated for customer acceptability as a means of sending and receiving information using a broadband Internet connection that would be comparable to cable modem or DSL service. Such testing will examine the propagation characteristics on the electric grid. The performance of the equipment also will be evaluated for compliance with the Commission's RF emissions limits for carrier current systems. Compliance will be demonstrated by taking measurements in accordance with Section 15.31 of the Rules to demonstrate operation within the limits set forth in Section 15.109(e).

Description of marketing tests: PLC access service will be offered at no charge to volunteer trial participants. Marketing information will be gathered regarding customer perceptions on ease of use and other system performance characteristics. PLC modems will not be offered for sale to customers and will remain the property of the vendors participating in the tests.

Applicable rule parts: The equipment will be operated under Section 2.803(e)(1)(i) of the Rules to verify compliance with Section 15.109(e) of the Rules. The tests involve carrier current systems as defined in Section 15.3(f).