



NATIONAL GRID

National Grid USA is a \$2.3 billion public utility holding company headquartered in Westborough, Massachusetts: NGrid electricity delivery companies serve a total of 1.6 million customers in 196 communities covering an area of 30,000 square miles.

Rolta is providing landbase and electric distribution data conversion services in Rhode Island, Massachusetts, Vermont and New Hampshire, for the operating subsidiaries of National Grid USA (NGrid): Massachusetts Electric; Nantucket Electric; Granite State Electric; Narragansett Electric; New England Power; and Eastern Utilities Associates. When delivering the converted data into NGrid's NEEGIS application, Rolta is building an enterprise GIS that is integrated with the company's work management, outage analysis, engineering analysis, cost accounting and customer information systems. The software is based on the AutoDesk VISION environment.

The project includes the enhancement of a photogrammetric landbase and the conversion of NGrid's primary distribution and transmission facilities into the enhanced landbase. The landbase conversion includes the checking and cleaning of topology, generating expanded right-of-way from centerlines, annotating streets with names and route numbers, annotating major hydrology and annotation of NGrid's properties and political boundaries. The primary distribution facilities conversion involves acquiring facility feature information from a variety of paper documents, AutoCAD files and multiple mainframe legacy databases. The project encompasses the conversion of the paper sources to digital form, the migration of data from one digital form to another, the scanning of support documents and the association of the database records to the appropriate digital features.

About Rolta

Rolta's knowledge of Geospatial Information Systems is based on our total commitment to quality and the achievement of excellence in the products and services we offer to our clients. Our organization has been globally recognized for its success in adding value to our customers and partner's businesses.

Through our investment in people, technology and infrastructure, Rolta has aggressively met emerging opportunities and enjoyed sustained financial growth. Rolta integrates its diverse knowledge and strategic alliances into innovative solutions that empower customers to address business challenges decisively and successfully.

