



ANALYSIS OF JOB CREATION from 2013 Expenditures for Energy Efficiency in Rhode Island by National Grid

Prepared for National Grid

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Table of Contents

Executive Summary.....	3
Introduction	5
Efficiency Workforce Overview.....	6
Program Support Service Providers	6
Direct Service Providers	8
Energy Efficiency Program Delivery	9
Residential Programs.....	9
Income Eligible Residential Programs	15
Commercial and Industrial Programs	17
Employment Impacts of National Grid Programs	22
Attachment A: Methodologies used for Assessing Employment	26
Program Support Service Providers	26
Direct Service Providers	26
Attachment B: Interview Guide	31
National Grid RI Labor Study	31
Organization Interviews	31
Attachment C: Participating Companies.....	32



Executive Summary

In 2013, National Grid spent a total of \$80,221,280.24 on electric and gas energy efficiency programs and services in Rhode Island. These programs aimed at reducing energy use, saving money for customers, improving the environment, and improving the health, comfort, and safety of homes and businesses. Delivering the 2013 energy efficiency programs required the active involvement of a broad range of workers across a wide array of businesses, including not-for-profits, contractors, plumbers, rebate processors, state agencies, engineering firms, marketing firms, and others.

In order to quantify the number of direct workers involved, National Grid commissioned Peregrine Energy Group, Inc. (Peregrine) to conduct a study of the job impacts of National Grid's energy efficiency programs delivered to Rhode Island electricity and natural gas customers in 2013. Peregrine determined that 544.73 full-time equivalent (FTE) employees had work in 2013 as a result of investments by National Grid in energy efficiency programs provided to its Rhode Island electricity and natural gas customers. Most of the jobs created as a result of energy efficiency investments were local because they were tied to installation of equipment and other materials.

The study identified 814 companies and agencies involved in National Grid's 2013 energy efficiency programs, 78% of which were located in Rhode Island. The companies identified include those whose employees are counted in the FTE analysis, as well as additional companies who assisted customers to secure equipment rebates, for example through the New Construction or High Efficiency HVAC programs. A full list of companies involved in the 2013 Rhode Island energy efficiency programs is included at the end of this report.

These findings confirm that job creation is an additional significant benefit that National Grid's investment in energy efficiency has contributed to Rhode Island's economy and to business owners and their employees that participate in and deliver these programs. One FTE equals 1,760 work hours, or the total of one person working 8 hours a day for 220 work days in an average year. Since a "full-time equivalent" employee often represents the labor of more than one person over the course of a year, the number of individual workers employed as result of Rhode Island energy efficiency programs funded by National Grid is far larger than the total of FTEs.

Employers whose workers were supported by these program included organizations across a broad range of companies involved in energy program design, management and delivery. These include National Grid itself, program design consultants, energy program management specialists, marketing and advertising specialists, equipment manufacturers and suppliers, equipment and appliance retailers, architectural firms and developers, engineers and energy analysts, installation companies and independent contractors, quality assurance inspection



companies, utility rebate processing houses, waste material recyclers, and program evaluators. In addition, Community Action Program agencies under contract to the state Department of Human Services delivered low-income energy efficiency services for the federal Weatherization Assistance Program (WAP).

