

## I. INTRODUCTION

This is the Integrated Resource Plan (the “IRP” or “Plan”) for EnergyNorth Natural Gas, Inc. d/b/a KeySpan Energy Delivery New England (“EnergyNorth” or the “Company”)<sup>1</sup> for the five-year forecasting period 2006/07 through 2010/11<sup>2</sup>. This filing is made in accordance with the requirement of New Hampshire Public Utilities Commission (the “Commission”) Order No. 24,531, dated October 21, 2005 in Docket DG 04-133/DG 04-175, approving a settlement agreement (the “Settlement”) among EnergyNorth, the Office of the Consumer Advocate, and the Commission Staff (“Staff”) dated August 17, 2005. The persons to whom communications should be addressed concerning this IRP are:

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<sup>1</sup>The Local Distribution Companies (“LDCs”) that operate under the name KeySpan Energy Delivery New England are: Boston Gas Company, Colonial Gas Company, Essex Gas Company and EnergyNorth Natural Gas, Inc. Unless otherwise specifically noted, the term “KeySpan” refers to all four of the New England LDCs.

<sup>2</sup> The forecasting period is based on split years from November 1 through October 31.

A. Company Background

EnergyNorth is a local distribution company that provides natural gas sales and transportation service to nearly 84,000 residential and commercial customers in thirty cities and towns in the state of New Hampshire. Since 2000, EnergyNorth is a wholly owned subsidiary of KeySpan New England, LLC which is itself a subsidiary of KeySpan Corporation. The Company's core obligation is to provide safe, reliable and least-cost gas service to its customers.

B. Summary of the IRP Process

The purpose of this IRP is to document the process undertaken by the Company to forecast customer sendout requirements and manage its gas resource portfolio to meet that obligation.

The IRP process begins with the development of a long-range forecast of customer demand. Next, the Company matches its available resources against expected demand to determine if incremental resources are required over the forecast period. If so required, the Company would identify the resources available to meet the incremental demand requirements and procure a least-cost asset or mix of assets available. In determining the least cost available assets, the Company analyzes both price and non-price factors. Examples of non-price factors include diversity of supply source, flexibility and reliability. Next, the Company looks at its currently available assets and determines if there are any "decision points" with respect to any of its contracts such as expiration dates or options to increase or decrease volumes. If so, the Company determines

whether to renew those supplies or replace them with an available alternative. Finally, the Company analyzes its portfolio of expected resources against a range of weather scenarios to determine if those resources are sufficient to reliably meet sendout requirements.

C. Organization of the Filing

This document is organized into the following principal sections:

- Section II provides an overview of the KeySpan process for identifying and meeting customer requirements;
- Section III reviews the Company's demand forecasting methodology and discusses the development of the forecast of customer sendout requirements;
- Section IV discusses the design of the resource portfolio, the expected available resources, and the adequacy of the portfolio in terms of meeting forecasted requirements; and,
- Section V discusses the Company's management of its resource portfolio.
- Section VI summarizes the Company's compliance with the terms of the Settlement.