

NORTHEAST UTILITIES
Form 11-K
June 24, 2011

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 11-K

[X]

**ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934**

For the Fiscal Year Ended December 31, 2010

OR

[]

**TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934**

For the transition period from _____ to _____

Commission File Number 2-93530

A.

Full title of the plan and the address of the plan, if different from that of the issuer named below:

NORTHEAST UTILITIES SERVICE COMPANY

401k PLAN

107 Selden Street

Berlin, Connecticut 06037-1616

B.

Name of the issuer of the securities held pursuant to the plan and address of its principal executive office:

NORTHEAST UTILITIES

One Federal Street, Building 111-4

Springfield, Massachusetts 01105

Financial Statements

The following financial statements are filed as part of this annual report:

(a)

Financial Statements

1.

Financial statements of Northeast Utilities Service Company 401k Plan as of December 31, 2010 and 2009 and the fiscal years ended December 31, 2010 and 2009, including the reports of Fiondella, Milone & LaSaracina LLP with respect thereto.

SIGNATURE

The Plan

Pursuant to the requirements of the Securities and Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

NORTHEAST UTILITIES SERVICE COMPANY 401k PLAN

Date: June 24, 2011

By:

/s/ JEAN M. LaVECCHIA

Jean M. LaVecchia

Vice President - Human Resources

Northeast Utilities Service Company

EXHIBIT INDEX

23

Consent of Fiondella, Milone & LaSaracina LLP

Financial Statements and Supplemental Schedule

Northeast Utilities Service Company 401k Plan

Years ended December 31, 2010 and 2009

with Report of Independent Registered

Public Accounting Firm

Edgar Filing: NORTHEAST UTILITIES - Form 11-K

Northeast Utilities Service Company 401k Plan

Financial Statements and Supplemental Schedule

Contents

| | |
|--|----|
| Report of Independent Registered Public Accounting Firm | 1 |
| Financial Statements | |
| Statements of Net Assets Available for Benefits | 2 |
| Statements of Changes in Net Assets Available for Benefits | 3 |
| Notes to Financial Statements | 4 |
| Supplemental Schedule | |
| Form 5500, Schedule H, Part IV, Line 4(i) - Schedule of Assets (Held at End of Year) | 20 |

All other schedules required by 29 CFR 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.

Report of Independent Registered Public Accounting Firm

To the Administrator and Participants of

Northeast Utilities Service Company 401k Plan

We have audited the accompanying statements of net assets available for benefits of the Northeast Utilities Service Company 401k Plan (the Plan) as of December 31, 2010 and 2009, and the related statements of changes in net assets available for benefits for the years then ended. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2010 and 2009, and the changes in net assets available for benefits for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Our audits were performed for the purpose of forming an opinion on the financial statements taken as a whole. The supplemental schedule of assets (held at end of year) as of December 31, 2010 is presented for the purpose of additional analysis and is not a required part of the basic financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedule is the responsibility of the Plan's management. The supplemental schedule has been subjected to the auditing procedures applied in our audits of the financial statements and, in our opinion, is fairly stated in all material respects in relation to the financial statements taken as a

whole.

By: /s/

Fiondella, Milone & LaSaracina LLP

Fiondella, Milone & LaSaracina LLP

Glastonbury, Connecticut

June 24, 2011

Northeast Utilities Service Company 401k Plan

Statements of Net Assets Available for Benefits

2010

2009

Assets:

Investments, at Fair
Value:

Registered
Investment
Companies

\$

514,038,812

\$

448,527,200

Investment
Contracts Held by
Insurance
Company

583,267,331

527,759,033

Wrapper Contract

5,503,601

3,711,700

ESOP Allocated
Northeast Utilities
Common Shares

152,881,575

123,826,142

ESOP Unallocated
Northeast Utilities
Common Shares

-

3,037,495

Northeast Utilities
Common Shares
Fund

34,996,657

29,425,954

Investments Held
by Brokerage Link

9,783,335

6,770,450

Intermediate Bond
Fund

14,212,107

7,634,916

Cash and Cash
Equivalents

3,821,451

3,081,585

Total Investments

1,318,504,869

1,153,774,475

Receivables:

Notes Receivable
from Participants

13,832,468

12,673,240

Employee
Contributions
Receivable

887,214

688,750

Employer
Contributions
Receivable

315,778

234,394

Receivable from
Northeast Utilities

-

6,148,189

Total Receivables

15,035,460

19,744,573

Total Assets

1,333,540,329

1,173,519,048

Liabilities:

Notes Payable to
Northeast Utilities

-

8,298,880

Net Assets
Available for
Benefits at Fair
Value

1,333,540,329

1,165,220,168

Adjustments from
Fair Value to
Contract Value for
Fully
Benefit-Responsive
Investment
Contracts

(59,996,688)

(37,019,430)

Net Assets
Available for
Benefits

\$

1,273,543,641

\$

1,128,200,738

See accompanying notes to financial statements.

Northeast Utilities Service Company 401k Plan

Statements of Changes in Net Assets Available for Benefits

2010

2009

Additions:

Employee
Contributions
(Including Rollover
Contributions)

\$

45,795,760

\$

44,992,023

Employer
Contributions

7,354,680

6,749,786

Employer
Contributions
ESOP

8,042,606

6,148,189

Total Contributions

61,193,046

57,889,998

Net Appreciation in
the Fair Value of
Investments

103,066,025

120,867,945

Interest and
Dividend Income

36,265,780

36,273,438

Total Additions

200,524,851

215,031,381

Deductions:

Distributions to
Participants

(54,926,194)

(46,223,553)

Interest Expense

(183,239)

(1,032,521)

Administrative
Expenses

(72,515)

(83,671)

Total Deductions

(55,181,948)

(47,339,745)

Net Increase

145,342,903

167,691,636

Net Assets
Available for
Benefits, Beginning
of Year

1,128,200,738

960,509,102

Net Assets
Available for
Benefits, End of
Year

\$

1,273,543,641

\$

1,128,200,738

See accompanying notes to financial statements.

Notes to Financial Statements

1.

Plan Description

The following is a general description of the Northeast Utilities Service Company 401k Plan (the Plan). Participants should refer to the Plan document for a more complete description.

General

Northeast Utilities Service Company (NUSCO), on its behalf and that of other participating subsidiaries of NU (together, the Company), established the Plan on January 1, 1985, to provide a convenient method for Company employees to save for their retirement on a regular and long-term basis. As of December 31, 2010, all operating companies of NU and NUSCO are participating companies in the Plan. Effective March 31, 2010 and January 1, 2009, the Plan was amended (see Note 10). The Plan is a defined contribution plan that consists of two components: a profit-sharing plan qualified under Section 401(a) of the Internal Revenue Code (IRC) with a cash or deferred arrangement under Section 401(k) of the IRC, and an Employee Stock Ownership Plan (ESOP) within the meaning of Section 4975(e)(7) of the IRC designed to invest primarily in NU common shares and intended to qualify under Section 401(a) of the IRC as a stock bonus plan. The participants have the option of receiving distributions upon retirement or termination of employment in the form of cash, in-kind rollovers for Fidelity mutual funds, NU common shares, to the extent so invested, and may roll over all or a portion of their Plan balances into an IRA or other accepting employer qualified plan and may receive distributions in cash through in-service withdrawals of certain amounts.

Under the Plan, employees may authorize payroll deductions for contributions to the Plan for which a matching contribution is provided in NU common shares and cash (see Contributions). The allocation of NU common shares to the ESOP portion of a participant's account occurs following payments on the ESOP loans, which results in the release of shares from the ESOP suspense account. All contributions are made to the Fidelity Management Trust Company, as trustee and Plan recordkeeper (Trustee). Except for amounts used to make payments on the ESOP loans, contributions are invested according to individual employee direction. See Note 8 and Note 10 regarding the changes resulting from the payoff of the ESOP loans in March 2010.

Notes to Financial Statements (continued)

1.

Plan Description (continued)

General (continued)

Investment options available as of December 31, 2010 were as follows:

1.

NU common shares (NU Common Shares Fund)

2.

State Street Bank and Trust Company fixed income option

3.

Fidelity Growth Company K Fund

4.

Fidelity Magellan K Fund

5.

Fidelity Spartan 500 Index Fund

6.

Fidelity Low-Priced Stock K Fund

7.

Fidelity Mid-Cap Stock K Fund

8.

Fidelity Freedom K Income Fund

9.

Fidelity Freedom K 2000 Fund

10.

Fidelity Freedom K 2010 Fund

11.

Fidelity Freedom K 2020 Fund

12.

Fidelity Freedom K 2030 Fund

13.

Fidelity Freedom K 2040 Fund

14.

Fidelity International Discovery K Fund

15.

A self-directed Brokerage Link account

16.

Frank Russell Global Balanced Fund

17.

Frank Russell Small Cap Fund

18.

Morgan Stanley International Equity Fund

19.

Morgan Stanley Emerging Markets Portfolio

20.

Lord Abbett Developing Growth Fund

21.

Lord Abbett Mid-Cap Value Fund

22.

Hartford Dividend and Growth HLS Fund

23.

Pyramis Global and PIMCO Intermediate Bond Fund

Notes to Financial Statements (continued)

1.

Plan Description (continued)

ESOP Trust

Effective on March 9, 1992, the Plan was amended to provide for the addition of an ESOP trust and for a new benefit using ESOP shares. The Plan acquired approximately 7.6 million NU common shares (ESOP I Shares for the ESOP Trust) from NU using the proceeds from a \$175 million loan from NU, and approximately 3.2 million additional NU common shares (ESOP II Shares for the ESOP Trust) from NU using the proceeds of a \$75 million loan from NU. Two-thirds of the employer matching contributions are allocated to participant accounts in ESOP shares in lieu of employer matching contributions in cash. Payments on the loans from NU, which permit the allocation of such shares, are made based upon a formula as defined within the applicable note agreements. Before 2007, unless at least 55 years of age with at least 5 years of Plan service, participants could not direct the reinvestment of these shares except as required to meet IRC requirements or for purposes of an in-service withdrawal. As of January 1, 2007, in place of the age 55 years and 5 years of Plan service requirements, participants with at least 3 years of vested service (regardless of age) may direct the reinvestment of ESOP shares to other Plan investments. See Note 8 and Note 10 regarding the changes resulting from the payoff of the ESOP loans in March 2010.

TRAESOP/PAYSOP

On March 9, 1992, the Plan was amended to provide for the merger into the Plan of the Northeast Utilities Service Company Tax Reduction Act Employee Stock Ownership Plan (TRAESOP) and the Northeast Utilities Service Company Payroll-Based Employee Stock Ownership Plan (PAYSOP), which were two ESOPs for which the applicable tax credits had expired. Participants' accounts under the TRAESOP and PAYSOP are maintained as separate participant accounts under the Plan.

Dividends on NU common shares held in TRAESOP/PAYSOP accounts are paid in cash to the participant (if the participant so elected pursuant to a one-time election in 1992), used to make payments on ESOP loans or used to

purchase NU common shares in the open market for the accounts of participants under the Plan. As dividends are used to make payments on either of the ESOP loans, ESOP shares are released for allocation to participants' accounts. Payments on either of the ESOP loans may be made with employer matching contributions under the Plan as provided above or with dividends on NU common shares formerly held in the TRAESOP/PAYSOP or held in the ESOP trust. The dividends received on the unallocated ESOP shares are used to pay the principal and/or interest on the loan from NU.

Notes to Financial Statements (continued)

1.

Plan Description (continued)

Contributions

Employee and Matching Contributions: Under the Plan, active participants may contribute up to 25 percent of annual pre-tax compensation, as defined in the Plan document. In addition, the participant may elect to make after-tax contributions to the Plan which, when combined with pre-tax contributions, may not exceed 25 percent of pre-tax compensation. Pre-tax and after-tax contributions are subject to certain limitations. Beginning in 2006, non-bargaining and certain bargaining unit employees are able to make Roth 401(k) after-tax contributions to the Plan. Also beginning in 2006, non-bargaining unit employees hired after December 31, 2005, and certain bargaining unit employees, who have not enrolled in the Plan or who have not elected a zero contribution rate within 60 days from their date of hire, automatically are enrolled in the Plan at a contribution rate of three percent of pre-tax eligible earnings, subject to their modification at any time.

All pre-tax and after-tax contributions are invested by the Trustee, as directed by each participant in the investment options of the Plan, in one or more investment funds, including the NU Common Shares Fund. The Company matches 100 percent of the first three percent of a participant's plan compensation contributed on a pre-tax (or Roth 401(k)) basis for each non-bargaining and bargaining unit employee, as applicable, with at least six months of service while employees with less than six months of service receive no company match. The Company's match is comprised of one-third cash and two-thirds allocated ESOP shares. For 2010, the maximum pre-tax/Roth 401(k) combined employee contribution is the lesser of \$16,500 or 25 percent of a participant's pre-tax compensation. For individuals who are age 50 or older during the 2010 calendar year who have made the maximum allowable contribution of \$16,500, a catch-up contribution of an additional \$5,500 could be made.

K-Vantage Contributions: Effective on January 1, 2006, the Plan was amended and restated to provide an enhanced defined contribution feature (referred to as K-Vantage), for non-bargaining unit employees hired (and certain rehired employees) after December 31, 2005 and certain bargaining unit employees effective January 1, 2007 or later dates, as subject to applicable bargaining agreements. Employees hired before January 1, 2006 who elected to participate in K-Vantage instead of continuing active participation in the NUSCO Retirement Plan became eligible for K-Vantage

contributions on January 1, 2007. The same election was provided to bargaining unit employees under the terms of applicable bargaining agreements.

Notes to Financial Statements (continued)

1.

Plan Description (continued)

Contributions (continued)

The K-Vantage contribution to the Plan, made on a payroll basis, is age and service based and is the amount of the participant's applicable Plan compensation, as defined by the Plan agreement, multiplied by the applicable percentage, according to the following formula:

Sum of Age and Service Years

Company Contribution

Less than 40 years

2.5% of Plan compensation

40 years or more but less than 60 years

4.5% of Plan compensation

60 years or more

6.5% of Plan compensation

Vesting

A participant is fully vested in his or her own contributions immediately upon making the contribution. Participants are also immediately vested in employer matching contributions plus actual earnings thereon.

Participants who are eligible for K-Vantage vest in K-Vantage contributions plus actual earnings thereon after 3 years of service. Upon a termination of the Plan, death or disability of the participant, or upon the complete discontinuance of K-Vantage contributions under the Plan, all affected participants will become vested in these contributions in their accounts.

Forfeitures

As of December 31, 2010 and 2009, investments in the fixed income option include \$2,148 and \$196,136, respectively, of forfeitures that may be used to offset future Company contributions to the Plan. These forfeitures resulted from participants who left the Plan prior to the April 1, 2000 amendment that eliminated a vesting requirement and from participants who left the Plan prior to being vested in the new K-Vantage feature (see Vesting above for further detail).

Benefits

Following termination or retirement, the participant has several options: participants may defer receipt of any balances in their account up to the time they attain age 70 ½ if their account balance is greater than \$1,000 (see Note 10); they can initiate a direct rollover of all or a portion of their account in the Plan to another qualified plan or individual retirement account; or they can request a lump sum disbursement. Participants who have terminated employment may also take partial distributions. In-service withdrawals and loans are permitted if certain criteria are met.

Notes to Financial Statements (continued)

1.

Plan Description (continued)

Benefits (continued)

The Plan had no participant benefits payable as of December 31, 2010 or 2009.

Participant Accounts

Individual accounts are maintained for each of the Plan participants to reflect each participant's share of the Company's contribution, the participant's contribution and the Plan's income according to the participant's investment of his or her own account. Allocations of income are determined at the participant account level.

Notes Receivable from Participants

Notes receivable from participants represent participant loans that are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded when it is earned. No allowances for credit losses has been recorded as of December 31, 2010 and 2009. If a participant ceases to make loan repayments and the plan administrator deems the participant loan to be a distribution, the participant loan balance is reduced and a benefit payment is recorded.

Subject to certain limitations, participants may apply for loans from their non-ESOP/non K-Vantage account balances. Interest on the loan is set at the prime rate plus one percent at the time of borrowing, and the loans are secured by the balance in the participant's account. Loans are to be repaid within one to five years (for a general loan)

or up to 15 years (for a primary residence loan).

2.

Summary of Significant Accounting Policies

The financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (GAAP). The following is a summary of the significant accounting policies used:

Cash and Cash Equivalents

Cash and cash equivalents include cash on hand and short-term cash investments that are highly liquid in nature and have original maturities of three months or less.

Notes to Financial Statements (continued)

2.

Summary of Significant Accounting Policies (continued)

Plan Estimates

The preparation of financial statements in conformity with GAAP requires Plan management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, as well as the reported amounts of changes in net assets during the reporting period. Actual results could differ from those estimates.

Recently Adopted Accounting Pronouncements

In January 2010, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) No. 2010-06, *Improving Disclosures about Fair Value Measurements* (the Update). The Update provides amendments to FASB Accounting Standards Codification (ASC) 820-10 that requires entities to disclose separately the amounts of significant transfers in and out of Level 1 and Level 2 fair value measurements and describe the reasons for the transfers. In addition, the Update requires entities to present separately information about purchases, sales, issuances, and settlements in the reconciliation for fair value measurements using significant unobservable inputs (Level 3). The disclosures related to Level 1 and Level 2 fair value measurements are effective for the Plan in fiscal year 2010 and the disclosures related to Level 3 fair value measurements are effective for the Plan in fiscal year 2011. The Update requires new disclosures only and as such does not have a material impact on the Plan's financial statements.

In September 2010, the FASB issued guidance that requires participant loans to be measured at their unpaid principal balance plus any accrued but unpaid interest and to be classified as notes receivable from participants. Previously, participant loans were measured at fair value and classified as investments. This guidance is effective for fiscal years ending after December 15, 2010 and is required to be applied retrospectively. The adoption of this guidance did not have a material effect on the Plan's net assets available for benefits or the changes in net assets available for benefits. Participant loans have been reclassified to notes receivable from participants as of December 31, 2009.

Notes to Financial Statements (continued)

2.

Summary of Significant Accounting Policies (continued)

In May 2011, the FASB issued ASU No. 2011-04, Amendments to Achieve Common Fair Value Measurement and Disclosure Requirements in U.S. GAAP and International Financial Reporting Standards. ASU 2011-04 was issued to provide a consistent definition of fair value and ensure that the fair value measurement and disclosure requirements are similar between U.S. GAAP and International Financial Reporting Standards. ASU 2011-04 changes certain fair value measurement principles and enhances the disclosure requirements particularly for Level 3 fair value measurements. This pronouncement is effective for reporting periods beginning on or after December 15, 2011, with early adoption prohibited. The new guidance will require prospective application. The Plan is currently evaluating the effect that the provisions of this pronouncement will have on its financial statements.

Investments

The investments in NU common shares and the self-directed Brokerage Link account are carried at fair value based on the closing market price on the New York Stock Exchange. Investments in the NU Common Shares Fund are stated at estimated fair values, which have been determined based on unit values. Unit values are determined by dividing the fund's net assets at fair value by its units outstanding at the valuation dates. The unit values of the NU Common Shares Fund were \$50.29 and \$40.83 as of December 31, 2010 and 2009, respectively. The fair value of shares held in investments at registered investment companies and the Intermediate Bond Fund are based on the closing market price as of December 31, 2010 and 2009.

The contract with State Street Bank and Trust Company is presented in accordance with FASB ASC 962, *Plan Accounting - Defined Contribution Pension Plans* (ASC 962), which discusses the accounting treatment for fully benefit-responsive investment contracts. As described in ASC 962, investment contracts held by a defined contribution plan are required to be reported at fair value. However, contract value is the relevant measurement attribute for that portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the plan. As required by ASC 962, the accompanying statements of net assets available for benefits present the fair value of the investment contracts as well as the adjustment of the

fully benefit-responsive investment contracts from fair value to contract value.

The accompanying statements of changes in net assets available for benefits present the net appreciation in the fair value of investments, which consists of the realized gains and losses and the unrealized appreciation and depreciation on those investments. Dividend income is recorded on the ex-dividend date and interest income is recorded as earned. Purchases and sales of securities are recorded as of the trade date.

Notes to Financial Statements (continued)

2.

Summary of Significant Accounting Policies (continued)

Investments (continued)

The Plan has investment options for participants, which invest in various securities including mutual funds, United States government securities, corporate debt instruments, and corporate stocks, including NU common shares. Investment securities, in general, are exposed to various risks, such as interest rate risk, credit risk, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the financial statements.

Fair Value of Financial Instruments

The Plan applies FASB ASC 820, *Fair Value Measurement and Disclosures* (ASC 820), for all financial assets and liabilities and nonfinancial assets and liabilities that are recognized or disclosed at fair value in the financial statements on a recurring basis. ASC 820 defines fair value, establishes a fair value hierarchy, and expands disclosures about fair value measurements.

ASC 820 defines fair value as the price that would be received upon sale of an asset or paid upon transfer of a liability in an orderly transaction between market participants at the measurement date and in the principal or most advantageous market for that asset or liability.

Effective on April 30, 1996, the Plan replaced the group annuity contracts that had constituted the fixed income fund with a managed synthetic investment contract, or "wrapper" contract. This contract (issued by Aetna Life Insurance Company; contract MCA-14593 in 1996 and transferred on April 1, 2002 to State Street Bank and Trust Company;

contract 102014) is comprised of a mixture of government and non-government bonds, managed to the Barclays Capital Aggregate Bond Index, which are placed in a trust (with ownership by the Plan) rather than a separate account of the issuer. The wrapper is fully benefit-responsive and provides that participants can, and must, execute plan transactions at contract value, and insures the underlying assets at contract value.

As of December 31, 2010 and 2009, the wrapper contract had a fair value of \$5.5 million and \$3.7 million, respectively. The fair value of the underlying assets as of December 31, 2010 and 2009 were \$583.3 million and \$527.8 million, respectively. There are no reserves against contract value for credit risk of the contract issuance or otherwise. These assets are managed by PIMCO and Pyramis Global Advisors and had a contract value as of December 31, 2010 and 2009 of \$528.8 million and \$494.5 million, respectively.

Notes to Financial Statements (continued)

2.

Summary of Significant Accounting Policies (continued)

Fair Value of Financial Instruments (continued)

The fixed income fund produced an average yield and crediting interest rate of 4.50 and 5.00 percent for the years ended December 31, 2010 and 2009, respectively. The crediting interest rate is determined semi-annually by State Street Bank and Trust Company based on current market yields at the time the rate is determined, adjusted for previous gains or losses of the fund. Management believes that the occurrence of events that would cause the Plan to transact at less than contract value is not probable. State Street Bank and Trust Company may not terminate the contract at any amount less than contract value.

The fair value of the notes payable to Northeast Utilities as of December 31, 2009 was \$9.3 million. As of December 31, 2010, there was no outstanding balance as the notes were paid in full in March 2010.

Reclassifications

Certain reclassifications were made to the 2009 financial statements to conform to the 2010 presentation.

3.

Investments

Edgar Filing: NORTHEAST UTILITIES - Form 11-K

The fair value of individual investments representing five percent or more of the Plan's net assets available for benefits as of December 31, 2010 and 2009, were as follows:

| 2010 |
|---|
| 2009 |
| State Street Bank and Trust Company Contract; 102014 |
| \$ |
| 583,267,331 |
| \$ |
| 527,759,033 |
| NU common shares (including the NU Common Shares Fund) |
| 187,878,232 |
| 156,289,591 |
| Fidelity Growth Company K Fund |
| 112,861,989 |
| - |
| Fidelity Growth Company |

Fund

-

98,477,602

Notes to Financial Statements (continued)

3.

Investments (continued)

For the years ended December 31, 2010 and 2009, the Plan's investments appreciated in fair value as follows:

| | 2010 | 2009 |
|--|-------------|-------------|
| NU common shares (including the NU Common Shares Fund) | | |
| | \$ | \$ |
| | 28,395,428 | 5,572,294 |
| Brokerage Link | | |
| | 2,473,824 | 2,572,478 |
| Mutual funds | | |
| | 65,858,979 | |

| | |
|------------------------|-------------|
| | 110,633,783 |
| Intermediate bond fund | |
| | 6,337,794 |
| | 2,089,390 |
| | \$ |
| | 103,066,025 |
| | \$ |
| | 120,867,945 |

4.

Fair Value Measurements

The following table summarizes the fair values and levels within the fair value hierarchy as of December 31:

| | |
|--|--------------------|
| | Description |
| | Level 1 |
| | Level 2 |
| | Level 3 |
| | Total |
| | 2010 |
| | <i>Investments</i> |

Registered investment
companies

\$

491,325,240

\$

22,713,572

\$

-

\$

514,038,812

Investment contracts

-

583,267,331

-

583,267,331

Wrapper contract

-

-

5,503,601

5,503,601

NU common shares

152,881,575

-

-

152,881,575

NU common shares
fund

-

34,996,657

-

34,996,657

Investment held by

Brokerage Link

9,883,066

(99,731)

-

9,783,335

Intermediate bond
fund

-

14,212,107

-

14,212,107

Cash and cash

equivalents

3,821,451

-

-

3,821,451

Total investments

\$

657,911,332

\$

655,089,936

\$

5,503,601

\$

1,318,504,869

Notes to Financial Statements (continued)

4.

Fair Value Measurements (continued)

Description

Level 1

Level 2

Level 3

Total

2009

Investments

Registered
investment

companies

\$

428,826,084

\$

19,701,116

| | |
|-----------------------|-------------|
| \$ | - |
| \$ | 448,527,200 |
| Investment contracts | - |
| | 527,759,033 |
| | - |
| | 527,759,033 |
| Wrapper contract | - |
| | - |
| | 3,711,700 |
| | 3,711,700 |
| NU common shares | 126,863,637 |
| | - |
| | - |
| | 126,863,637 |
| NU common shares fund | - |
| | 29,425,954 |
| | - |
| | 29,425,954 |

Investment
held by

Brokerage
Link

6,687,396

83,054

-

6,770,450

Intermediate
bond fund

-

7,634,916

-

7,634,916

Cash and cash
equivalents

3,081,585

-

-

3,081,585

Total
investments

\$

565,458,702

\$

584,604,073

\$

3,711,700

\$

1,153,774,475

The table below sets forth a summary of changes in the fair value of the wrapper contract, the Plan's Level 3 investment asset, for the year ended December 31, 2010 and 2009:

| | 2010 | 2009 |
|--|-------------|-------------|
| Beginning Fair Value | | |
| \$ | 3,711,700 | 1,669,711 |
| \$ | 1,384,028 | 677,349 |
| Change in Fair Value | | |
| | 407,873 | 1,364,640 |
| Issuances, Repayments and Settlements, Net | | |
| | 677,349 | 1,364,640 |
| Ending Fair Value | | |
| \$ | | |

5,503,601

\$

3,711,700

These levels represent:

Level 1 - inputs are based upon unadjusted quoted prices for identical instruments traded in active markets.

Level 2 - inputs are based upon quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, and model-based valuation techniques for which all significant assumptions are observable in the market or can be corroborated by observable market data for substantially the full term of the assets or liabilities.

Level 3 - inputs are generally unobservable and typically reflect management's estimates of assumptions that market participants would use in pricing the asset or liability. The fair values are therefore determined using model-based techniques that include option pricing models, discounted cash flow models, and similar techniques.

Notes to Financial Statements (continued)

5.

Termination Provision

Although the Company intends to continue the Plan and its contributions to the trust, NUSCO may terminate the Plan and each other participating company may terminate its participation in the Plan for any reason, in whole or in part, by action of its Board of Directors. Upon termination of the Plan or complete discontinuance of contributions hereunder, all affected participants shall become vested in their accounts. In addition, the Plan recordkeeper shall make a final allocation of Company matching contributions and net earnings/(losses) to the participants after payments of all outstanding claims against the Plan have been made. Thereafter, the participants shall receive a lump sum payment no later than 60 days after the later of: (1) termination of the Plan or (2) receipt of an IRS determination letter stating that such termination does not adversely affect the qualified status of the Plan.

6.

Administrative Expenses

The Company pays for all expenses incurred in the administration of the Plan with the exception of:

.

Loan initiation fees and fees associated with the Brokerage Link investment option. These fees are paid by the participants.

.

All investment-related expenses of the Plan, any other expenses of the Trustee necessitated by the terms of any particular investment option, and commissions paid with respect to the purchase or sale of common shares for the Plan. These expenses are paid by the Plan.

For the years ended December 31, 2010 and 2009, the Company paid \$231,510 and \$167,167 of administrative expenses on behalf of the Plan.

7.

Tax Status

The IRS has determined and informed the Company by a letter dated October 7, 2003 that the Plan and related trust are designed in accordance with applicable sections of the IRC. On December 19, 2007, the Board of Directors of NUSCO approved an amendment and restatement of the Plan effective January 1, 2008. On January 30, 2008, the Company submitted the amended and restated Plan provisions to the IRS on Form 5300 requesting a new determination letter for the Plan. Pending a response from the IRS, the Plan administrator, the Vice President - Human Resources of NUSCO, and the Plan's tax counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC and that the related trust continues to be tax-exempt. Therefore, no provision for income taxes has been included in the Plan's financial statements.

Notes to Financial Statements (continued)

8.

Notes Payable

The Plan borrowed \$175 million and \$75 million from NU on December 3, 1991 and March 26, 1992, respectively, pursuant to separate note agreements. The notes accrue interest at a rate per annum of 8.58 percent and 8.38 percent, respectively, on the outstanding principal amounts. The Plan used the proceeds from the notes to purchase approximately 10.8 million NU common shares (ESOP I and ESOP II shares) for an ESOP trust under the Plan. The notes have maturity dates of December 1, 2011 and March 1, 2012, respectively. The Plan makes principal and interest payments on the ESOP notes based on the number of ESOP shares which are allocated to employees. Total principal payments made from the Plan amounted to \$8.3 million and \$9.8 million in 2010 and 2009, respectively. In March 2010, the Plan paid both ESOP notes in full and as of December 31, 2010 there was no outstanding balance.

ESOP I and ESOP II shares acquired were pledged and granted to NU as collateral; shares are released from the pledge as they are allocated to Plan participants' accounts. For the years ended December 31, 2010 and 2009, total ESOP I shares allocated were 80,207 and 437,728, respectively. For the years ended December 31, 2010 and 2009, total ESOP II shares allocated were 40,950 and 110,892, respectively. As of December 31, 2010, all of the ESOP I and ESOP II shares have been allocated to Plan participants' accounts, and no unallocated shares remain.

9.

Exempt Party-In-Interest

For the years ended December 31, 2010 and 2009, the Plan had investments in 5,893,232 and 6,040,358 common shares of NU (including the NU Common Shares Fund), respectively, with a cost basis of \$124.7 million and \$125.3 million, respectively. For the years ended December 31, 2010 and 2009, the Plan recorded dividend income of \$6.0 million and \$5.9 million, respectively.

Certain Plan investments are shares of mutual funds managed by the Trustee. Therefore, these transactions qualify as exempt party-in-interest transactions. Fees paid by the Plan for the investment management services amounted to \$72,515 and \$83,671 for the years ended December 31, 2010 and 2009, respectively.

The Plan made interest payments to NU on the ESOP I note totaling \$129,167 and \$831,160 for the years ended December 31, 2010 and 2009, respectively. Interest payments to NU on the ESOP II note totaled \$54,072 and \$201,361 for the years ended December 31, 2010 and 2009, respectively.

Notes to Financial Statements (continued)

10.

Plan Amendments

Effective January 1, 2009, the Plan suspended minimum required distributions (RMDs) as permitted under the Worker, Retiree, and Employer Recovery Act (the Act) of 2008. The Act suspended RMDs to allow workers anticipating RMDs not to take such distributions from retirement assets depleted from the market downturn in 2008. RMDs recommenced in 2010.

Effective March 31, 2010, the Plan was amended to provide that, upon the complete repayment of the two ESOP loans (see Note 8), and the complete allocation of NU common shares purchased with the proceeds of those loans to participant accounts, future allocations of NU common shares required under the terms of the Plan would be satisfied by the allocation of NU treasury shares or from the purchase and allocation of NU common shares purchased on the open market. ESOP shares purchased with the proceeds of the two ESOP loans became fully allocated as of March 31, 2010.

The Plan was also amended to provide participants a choice, beginning with dividends paid by NU after March 31, 2010 on its common shares, to make an election to receive the dividend in a cash distribution outside the Plan instead of allowing an automatic reinvestment of the dividend within the Plan in additional NU common shares of value equal to the dividend. Effective June 1, 2010, the NU Common Shares Fund, which is a unitized employer stock fund available for participant investment, was moved to the ESOP portion of the Plan. Effective for dividends paid on NU common shares in the NU Common Shares Fund after June 1, 2010, participants who have any vested portion of their plan investment in the NU Common Shares Fund (other than in the K-Vantage source account) can elect to receive dividends on the underlying NU Common Shares within the fund in a cash distribution outside the Plan, or allow the dividend to be automatically reinvested to purchase additional units within the fund.

Supplemental Schedule

19

Northeast Utilities Service Company 401k Plan

Form 5500, Schedule H, Part IV, Line 4(i)

Schedule of Assets (Held at End of Year)

As of December 31, 2010

(a)

**(b) Identity of
Issuer, Borrower,
Lessor or Similar
Party**

**(c) Description of
Investment
Including
Maturity Date,
Rate of Interest,
Collateral, Par or
Maturity Value**

(d) Cost

**(e) Current
Value**

*

Northeast Utilities

NU Common
Shares (Including
the NU Common
Shares Fund), \$5
par value

\$

124,667,679

\$

187,878,232

State Street

Investment
Contracts

528,749,062

583,267,331

State Street

Wrapper Contract

-

5,503,601

*

Fidelity

Growth Company
K Fund

112,446,814

112,861,989

*

Fidelity

Magellan K Fund

54,539,202

55,787,814

*

Fidelity

Spartan 500 Index
Fund

41,456,638

48,043,367

*

Fidelity

Low-Priced Stock
K Fund

20,600,381

21,054,391

*

Fidelity

Mid-Cap Stock K
Fund

18,738,115

19,275,305

*

Fidelity

International
Discovery K Fund

15,811,888

16,127,085

*

Fidelity

Freedom K
Income Fund

2,131,500

2,125,847

*

Fidelity

Freedom K 2000
Fund

1,752,066

1,738,863

*

Fidelity

Freedom K 2010
Fund

18,322,019

18,264,451

*

Fidelity

Freedom K 2020
Fund

53,704,901

53,667,043

*

Fidelity

Freedom K 2030
Fund

29,286,553

29,347,354

*

Fidelity

Freedom K 2040
Fund

11,943,843

12,002,872

Morgan Stanley

Emerging Markets
Portfolio

27,394,069

29,178,700

Morgan Stanley

International
Equity Fund

32,914,111

26,920,132

Frank Russell

Global Balanced
Fund

12,068,832

16,411,650

Hartford

Dividend and
Growth HLS Fund

15,909,550

16,562,484

Lord Abbett

Mid-Cap Value
Fund

13,854,030

13,024,188

Lord Abbett

Developing
Growth Fund

12,017,755

15,343,355

Pyramis Global
and PIMCO

Intermediate Bond
Fund

13,156,761

14,212,107

Frank Russell

Small Cap Fund

5,247,063

6,301,922

*

Plan Participants

Brokerage Link

9,036,361

9,783,335

*

Plan Participants

Loans to
Participants **

13,832,468

13,832,468

*

Northeast Utilities

Cash and Cash
Equivalents

3,821,451

3,821,451

\$

1,193,403,112

\$

1,332,337,337

*

Indicates party-in-interest

**

The participant loans have interest rates ranging from 4.25 percent to 10.50 percent with maturity dates ranging from January 1, 2011 to November 24, 2025.

