# national**grid**

# **New England Power Company**

Financial Statements For the years ended March 31, 2017, 2016, and 2015

## **NEW ENGLAND POWER COMPANY**

## FINANCIAL STATEMENTS

## FOR THE TWELVE MONTHS ENDED

March 31, 2017

I hereby certify that I am Vice-President, US Controller of New England Power Company and that the enclosed financial statements for the twelve months ended March 31, 2017 have been prepared in accordance with generally accepted accounting principles, and are, in my opinion, materially correct.

Hattudge Sharon Partridge, Vice-President, US Controller August 23rd 2017

## NEW ENGLAND POWER COMPANY

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## **Report of Independent Auditors**

To the Board of Directors of New England Power Company

We have audited the accompanying financial statements of New England Power Company, which comprise the balance sheets and statements of capitalization as of March 31, 2017 and 2016, and the related statements of income, comprehensive income, cash flows, and changes in shareholders' equity for each of the three years in the period ended March 31, 2017.

## Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

## Auditors' Responsibility

Our responsibility is to express an opinion on the financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the Company's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of New England Power Company as of March 31, 2017 and 2016, and the results of its operations and its cash flows for each of the three years in the period ended March 31, 2017 in accordance with accounting principles generally accepted in the United States of America.

Pricematerhane Coopens LLP

August 23, 2017

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#### NEW ENGLAND POWER COMPANY STATEMENTS OF INCOME

(in thousands of dollars)

	Years Ended March 31,				
	2017	2016	2015		
Operating revenues	\$ 437,166	\$ 425,127	\$ 455,468		
Operating expenses:					
Purchased electricity	37,516	58,859	63,059		
Operations and maintenance	110,034	117,114	119,845		
Depreciation	55,384	50,453	47,628		
Other taxes	46,471	44,689	38,382		
Total operating expenses	249,405	271,115	268,914		
Operating income	187,761	154,012	186,554		
Other income and (deductions):					
Interest on long-term debt	(4,098)	(2,520)	(2,302)		
Other interest, including affiliate interest	(10,654)	(10,602)	(9,338)		
Other income (deductions), net	2,214	(939)	362		
Total other deductions, net	(12,538)	(14,061)	(11,278)		
Income before income taxes	175,223	139,951	175,276		
Income tax expense	69,495	56,243	70,834		
Net income	\$ 105,728	\$ 83,708	\$ 104,442		

The accompanying notes are an integral part of these financial statements.

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## NEW ENGLAND POWER COMPANY STATEMENTS OF COMPREHENSIVE INCOME

(in thousands of dollars)

	Years Ended March 31,			
	2017	2016	2015	
Net income	\$ 105,728	\$ 83,708	\$ 104,442	
Other comprehensive income, net of taxes: Unrealized gains (losses) on securities Total other comprehensive income (loss)	<u>189</u> 189	(108) (108)	213 213	
Comprehensive income	\$ 105,917	\$ 83,600	\$ 104,655	
Related tax (expense) benefit: Unrealized (gains) losses on securities	\$ (124)	\$ 71	\$ (140)	
Total tax (expense) benefit	\$ (124)	\$ 71	\$ (140)	

The accompanying notes are an integral part of these financial statements.

#### NEW ENGLAND POWER COMPANY STATEMENTS OF CASH FLOWS

(in thousands of dollars)

	Yea	31,	
	2017	2016	2015
Operating activities:			
Net income	\$105,728	\$ 83,708	\$ 104,442
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation	55,384	50,453	47,628
Provision for deferred income taxes	52,196	61,565	55,569
Bad debt expense	(206)	163	151
Income from equity investments, net of dividends received	(135)	(93)	(140)
Allowance for equity funds used during construction	88	235	(1,331)
Net postretirement benefits (contributions) expense	(4,754)	(1,993)	620
Changes in operating assets and liabilities:			
Accounts receivable and other receivable, net, and unbilled revenues	(5,588)	2,799	50,476
Inventory	1,161	(1,904)	591
Regulatory assets and liabilities, net	31,108	(61,469)	3,296
Prepaid and accrued taxes	12,792	(42,404)	(11,818)
Accounts payable and other liabilities	7,468	18,683	(4,885)
Accrued Yankee nuclear plant costs	(18,891)	2,315	(5,717)
Other, net	(4,082)	(5,378)	(441)
Net cash provided by operating activities	232,269	106,680	238,441
Investing activities:			
Capital expenditures	(194,769)	(193,326)	(192,262)
Affiliated money pool investing and receivables/payables, net			238,718
Cost of removal	(19.689)	(12,431)	(9,294)
Other	(1,479)	(287)	(312)
Net cash (used in) provided by investing activities	(215,937)	(206,044)	36,850
Net cash (asea in) provided by investing activities	(215,557)	(200,044)	30,850
Financing activities:			
Common stock dividends to Parent	(110,000)	(180,000)	(225,000)
Preferred stock dividends	(83)	(100,000)	(223,000)
Payments on long-term debt	(00)	(38,500)	(07)
Affiliated money pool borrowing and receivables/payables, net	96,513	277,868	299,687
Advance from affiliate	50,515	277,808	(375,000)
Equity infusion from Parent	-	20,000	(373,000)
Parent loss tax allocation	-	18.523	25.915
Net cash (used in) provided by financing activities	(13,570)	97.824	(274,465)
Net cash (used in) provided by financing activities	(15,570)	97,824	(274,405)
Net increase (decrease) in cash and cash equivalents	2,762	(1,540)	826
Cash and cash equivalents, beginning of year	2,702	1,540)	715
Cash and cash equivalents, beginning of year Cash and cash equivalents, end of year	\$ 2,763	<u> </u>	\$ 1,541
cash anu cash equivalents, enu or year	\$ 2,703	\$ I	Ş 1,541
Supplemental disclosures:			
Interest paid	(9,334)	(1 640)	(4,120)
		(1,649)	
Income taxes refunded (paid)	320	(17,956)	(4,463)
Significant non each items			
Significant non-cash items:	44.359	24.020	20 472
Capital-related accruals included in accounts payable	11,258	24,838	28,473

The accompanying notes are an integral part of these financial statements.

## NEW ENGLAND POWER COMPANY BALANCE SHEETS

(in thousands of dollars)

	March 31,			
	2017	2016		
ASSETS				
Current assets:				
Cash and cash equivalents	\$ 2,763	\$1		
Accounts receivable	70,492	64,698		
Accounts receivable from affiliates	9,806	14,899		
Inventory	3,289	4,450		
Other	1,572	2,958		
Total current assets	87,922	87,006		
Equity investments	3,043	2,089		
Property, plant and equipment, net	2,252,234	2,118,952		
Other non-current assets:				
Regulatory assets	101,920	133,774		
Goodwill	337,614	337,614		
Postretirement benefits asset	4,910	-		
Financial investments	10,659	9,908		
Other	11,000	7,368		
Total other non-current assets	466,103	488,664		
Total assets	\$ 2,809,302	\$ 2,696,711		

The accompanying notes are an integral part of these financial statements.

#### NEW ENGLAND POWER COMPANY BALANCE SHEETS

(in thousands of dollars)

	March 31,			
	2017	2016		
LIABILITIES AND CAPITALIZATION				
Current liabilities:				
Accounts payable	\$ 24,830	\$ 36,392		
Accounts payable to affiliates	19,102	23,646		
Current portion of long-term debt	79,250	-		
Taxes accrued	13,211	2,089		
Intercompany money pool	661,687	568,807		
Other	31,912	25,353		
Total current liabilities	829,992	656,287		
Other non-current liabilities:				
Regulatory liabilities	45,651	39,471		
Accrued Yankee nuclear plant costs	10,581	29,364		
Deferred income tax liabilities, net	574,525	522,407		
Postretirement benefits	-	12,613		
Environmental remediation costs	7,555	10,023		
Other	13,882	16,212		
Total other non-current liabilities	652,194	630,090		
Capitalization:				
Shareholders' equity	1,035,210	1,039,376		
Long-term debt	291,906	370,958		
Total capitalization	1,327,116	1,410,334		
Total liabilities and capitalization	\$ 2,809,302	\$ 2,696,711		

The accompanying notes are an integral part of these financial statements.

#### NEW ENGLAND POWER COMPANY STATEMENTS OF CAPITALIZATION

(in thousands of dollars)

			Marc	h 31,
			2017	2016
Total shareholders' equity			\$ 1,035,210	\$ 1,039,376
Long-term debt:	Interest Rate	Maturity Date		
Pollution Control Revenue Bonds:				
Massachusetts Development Finance Agency 1	Variable	March 1, 2018	79,250	79,250
Business Finance Authority of the State of New Hampshire	Variable	November 1, 2020	135,850	135,850
Business Finance Authority of the State of New Hampshire	Variable	November 1, 2020	50,600	50,600
Massachusetts Development Finance Agency 2	Variable	October 1, 2022	106,150	106,150
Total debt			371,850	371,850
Unamortized debt issuance costs			(694)	(892)
			371,156	370,958
Current portion of long-term debt			79,250	-
Long-term debt			291,906	370,958
Total capitalization			\$1,327,116	\$1,410,334

The accompanying notes are an integral part of these financial statements.

## NEW ENGLAND POWER COMPANY STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY

(in thousands of dollars)

	Accumulated Other Comprehensive Income (Loss)									
		Cun	nulative	Additional	1	Unrealized Gain	1	Fotal Accumulated		
	Common	Pre	ferred	Paid-in	(L	oss) on Available-	Ot	her Comprehensive	Retained	
	Stock		Stock	Capital	Fo	or-Sale Securities		Income (Loss)	Earnings	Total
Balance as of March 31, 2014	\$72,398	\$	1,112	\$738,072	\$	838	Ş	838	\$379,397	\$1,191,817
Net income	-		-	-		-		-	104,442	104,442
Other comprehensive income (loss):										-
Unrealized gains on securities, net of \$140 tax expense	-		-	-		213		213	-	213
Total comprehensive income										104,655
Parent loss tax allocation	-		-	25,915		-		-	-	25,915
Common stock dividends to Parent	-		-			-			(225,000)	(225,000)
Preferred stock dividends	-		-	-				-	(67)	(67)
There is a stock and a class									(07)	(07)
Balance as of March 31, 2015	\$72,398	\$	1,112	\$ 763,987	\$	1,051	\$	1,051	\$258,772	\$ 1,097,320
Net income	-		-	-		-		-	83,708	83,708
Other comprehensive income (loss):										
Unrealized losses on securities, net of \$71 tax benefit	-		-	-		(108)		(108)	-	(108)
Total comprehensive income										83,600
Equity infusion from Parent	-		-	20,000		-		-	-	20,000
Parent loss tax allocation	-		-	18,523		-		-	-	18,523
Common stock dividends to Parent	-		-	-		-		-	(180,000)	(180,000)
Preferred stock dividends			-			-		-	(67)	(67)
Balance as of March 31, 2016	\$72,398	ş	1,112	\$802,510	\$	943	\$	943	\$ 162,413	\$ 1,039,376
Net income	-		-	-		-		-	105,728	105,728
Other comprehensive income (loss):										
Unrealized gains on securities, net of \$124 tax expense	-		-	-		189		189	-	189
Total comprehensive income										105,917
Common stock dividends to Parent	-		-	-		-		-	(110,000)	(110,000)
Preferred stock dividends	-		-	-		-		-	(83)	(83)
									<i>`</i>	
Balance as of March 31, 2017	\$72,398	\$	1,112	\$802,510	\$	1,132	\$	1,132	\$158,058	\$1,035,210

The Company had 3,619,896 shares of common stock authorized, issued and outstanding, with a par value of \$20 per share and 11,117 shares of preferred stock authorized, issued and outstanding, with a par value of \$100 per share at March 31, 2017, 2016, and 2015.

The accompanying notes are an integral part of these financial statements.

#### NEW ENGLAND POWER COMPANY NOTES TO THE FINANCIAL STATEMENTS

#### 1. NATURE OF OPERATIONS AND BASIS OF PRESENTATION

New England Power Company ("the Company") operates electric transmission facilities in Massachusetts, New Hampshire, Rhode Island, Maine, and Vermont. The Company is a wholly-owned subsidiary of National Grid USA ("NGUSA" or the "Parent"), a public utility holding company with regulated subsidiaries engaged in the generation of electricity and the transmission, distribution, and sale of both natural gas and electricity. NGUSA is a direct wholly-owned subsidiary of National Grid plc, a public limited company incorporated under the laws of England and Wales.

The Company also owns non-controlling interests in three companies (the "Yankees") which own nuclear generating facilities that are permanently retired and are being decommissioned (refer to Note 6, "Equity Investments", and the "Decommissioning Nuclear Units" section in Note 13, "Commitments and Contingencies"). In addition, the Company has a 3.3% equity share in New England Hydro-Transmission Electric Company, Inc. and a 3.3% equity share in New England Hydro-Transmission Corporation, which are two of its affiliates.

The accompanying financial statements are prepared in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP"), including the accounting principles for rate-regulated entities. The financial statements reflect the ratemaking practices of the applicable regulatory authorities.

The Company has evaluated subsequent events and transactions through August 23, 2017, the date of issuance of these financial statements, and concluded that there were no events or transactions that require adjustment to, or disclosure in, the financial statements as of and for the year ended March 31, 2017.

#### 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

#### **Use of Estimates**

In preparing financial statements that conform to U.S. GAAP, the Company must make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues, and expenses, and the disclosure of contingent assets and liabilities included in the financial statements. Actual results could differ from those estimates.

#### **Regulatory Accounting**

The Federal Energy Regulatory Commission ("FERC") regulates the rates the Company charges its customers. In certain cases, the rate actions of the FERC or the regulatory Commissions of Massachusetts, New Hampshire, Rhode Island, Maine, and Vermont can result in accounting that differs from non-regulated companies. In these cases, the Company defers costs (as regulatory assets) or recognizes obligations (as regulatory liabilities) if it is probable that such amounts will be recovered from, or refunded to, customers through future rates. Regulatory assets and liabilities are reflected in the statements of income consistent with the treatment of the related costs in the ratemaking process.

#### **Revenue Recognition**

The Company has two primary sources of revenue: transmission and stranded cost recovery. Transmission revenues are based on a formula rate that recovers the Company's actual costs plus a return on investment. Stranded cost recovery revenues are collected through a contract termination charge ("CTC"), which is billed to former wholesale customers of the Company (affiliated companies Massachusetts Electric Company ("MECO") and The Narragansett Electric Company ("NECO"), Liberty Utilities, and the Towns of Merrimac, Groveland, and Littleton) in connection with the Company's divestiture of its electricity generation investments. See Note 4, "Rate Matters", and Note 13, "Commitments and Contingencies", for an explanation of stranded costs.

#### **Other Taxes**

The Company collects taxes and fees from customers such as sales taxes, other taxes, surcharges, and fees that are levied by state or local governments on the sale or distribution of electricity. The Company accounts for taxes that are imposed on customers (such as sales taxes) on a net basis (excluded from revenues).

#### **Income Taxes**

Federal and state income taxes have been computed utilizing the asset and liability approach that requires the recognition of deferred tax assets and liabilities for the tax consequences of temporary differences by applying enacted statutory tax rates applicable to future years to differences between the financial statement carrying amounts and the tax basis of existing assets and liabilities. Deferred income taxes also reflect the tax effect of net operating losses, capital losses, and general business credit carryforwards.

The effects of tax positions are recognized in the financial statements when it is more likely than not that the position taken, or expected to be taken, in a tax return will be sustained upon examination by taxing authorities based on the technical merits of the position. The financial effect of changes in tax laws or rates is accounted for in the period of enactment. Deferred investment tax credits are amortized over the useful life of the underlying property.

NGNA files consolidated federal tax returns including all of the activities of its subsidiaries. Each subsidiary determines its current and deferred taxes based on the separate return method, modified by a benefits-for-loss allocation pursuant to a tax sharing agreement between NGNA and its subsidiaries. To the extent that the consolidated return group settles cash differently than the amount reported as realized under the benefit-for-loss allocation, the difference is accounted for as either a capital contribution or as a distribution. The Company did not record a difference this year since it was in a taxable loss position.

#### **Cash and Cash Equivalents**

Cash equivalents consist of short-term, highly liquid investments with original maturities of three months or less. Cash and cash equivalents are carried at cost which approximates fair value.

#### Inventory

Inventory is primarily composed of materials and supplies. Materials and supplies are stated at the lower of weighted average cost or market and are expensed or capitalized as used. The Company's policy is to write-off obsolete inventory; there were no material write-offs of obsolete inventory for the years ended March 31, 2017, 2016, or 2015.

#### **Fair Value Measurements**

The Company measures available-for-sale securities at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The following is the fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value:

- Level 1: quoted prices (unadjusted) in active markets for identical assets or liabilities that a company has the ability to access as of the reporting date;
- Level 2: inputs other than quoted prices included within Level 1 that are directly observable for the asset or liability or indirectly observable through corroboration with observable market data;
- Level 3: unobservable inputs, such as internally-developed forward curves and pricing models for the asset or liability due to little or no market activity for the asset or liability with low correlation to observable market inputs; and
- Not categorized: certain investments are not categorized within the fair value hierarchy. These investments are measured based on the fair value of the underlying investments but may not be readily redeemable at that fair value.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. The Company uses valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs.

#### Property, Plant and Equipment

Property, plant and equipment is stated at original cost. The cost of repairs and maintenance is charged to expense and the cost of renewals and betterments that extend the useful life of property, plant and equipment is capitalized. The capitalized cost of additions to property, plant and equipment includes costs such as direct material, labor and benefits, and an allowance for funds used during construction ("AFUDC").

Depreciation is computed over the estimated useful life of the asset using the composite straight-line method. Depreciation studies are conducted periodically to update the composite rates and are approved by the FERC and state regulatory bodies. The average composite rate for each of the years ended March 31, 2017, 2016, and 2015 was 2.3%.

Depreciation expense includes a component for estimated future cost of removal, which is recovered through rates charged to customers. Any difference in cumulative costs recovered and costs incurred is recognized as a regulatory liability. When property, plant and equipment is retired, the original cost, less salvage, is charged to accumulated depreciation, and the related cost of removal is removed from the associated regulatory liability. The Company had cumulative costs incurred in excess of costs recovered of \$8.8 million at March 31, 2017 and cumulative costs recovered in excess of costs incurred of \$3.6 million at March 31, 2016.

#### Allowance for Funds Used During Construction

In accordance with applicable accounting guidance, the Company records AFUDC, which represents the debt and equity costs of financing the construction of new property, plant and equipment. AFUDC equity is reported in the statements of income as non-cash income in other income (deductions), net and AFUDC debt is reported as a non-cash offset to other interest, including affiliate interest. After construction is completed, the Company is permitted to recover these costs through their inclusion in rate base and corresponding depreciation expense.

#### Impairment of Long-Lived Assets

The Company tests the impairment of long-lived assets annually or when events or changes in circumstances indicate that the carrying amount of the asset may not be recoverable. The recoverability of an asset is determined by comparing its carrying value to the future undiscounted cash flows that the asset is expected to generate. If the comparison indicates that the carrying value is not recoverable, an impairment loss is recognized for the excess of the carrying value over the estimated fair value. For the years ended March 31, 2017, 2016, and 2015, there were no impairment losses recognized for long-lived assets.

#### Goodwill

The Company tests goodwill for impairment annually on January 1, and when events occur or circumstances change that would more likely than not reduce the fair value of the Company below its carrying amount. Goodwill is tested for impairment using a two-step approach. The first step compares the estimated fair value of the Company with its carrying value, including goodwill. If the estimated fair value exceeds the carrying value, then goodwill is considered not impaired. If the carrying value exceeds the estimated fair value, then a second step is performed to determine the implied fair value of goodwill. If the carrying value of goodwill exceeds its implied fair value, then an impairment charge equal to the difference is recorded.

The fair value of the Company was calculated in the annual goodwill impairment test for the year ended March 31, 2017 utilizing both income and market approaches. The Company uses a 50% weighting for each valuation methodology, as it believes that each methodology provides equally valuable information. Based on the resulting fair value from the annual analyses, the Company determined that no adjustment of the goodwill carrying value was required at March 31, 2017 or 2016.

#### **Available-For-Sale Securities**

The Company provides certain executives with nonqualified retirement and deferred compensation benefits which have been partially secured through separate fund arrangements. As a result, the Company holds available-for-sale securities that include equities, municipal bonds, and corporate bonds. These investments are recorded at fair value and are included in financial investments on the balance sheet. Changes in the fair value of these assets are recorded within other comprehensive income.

#### **Asset Retirement Obligations**

Asset retirement obligations are recognized for legal obligations associated with the retirement of property, plant and equipment, primarily associated with the Company's transmission facilities. Asset retirement obligations are recorded at fair value in the period in which the obligation is incurred, if the fair value can be reasonably estimated. In the period in which new asset retirement obligations, or changes to the timing or amount of existing retirement obligations, are recorded, the associated asset retirement costs are capitalized as part of the carrying amount of the related long-lived asset. In each subsequent period, the asset retirement obligation and accretion costs associated with asset retirement obligations are recorded as increases to regulatory assets on the balance sheets. These regulatory assets represent timing differences between the recognition of costs in accordance with U.S. GAAP and costs recovered through the rate-making process.

The following table represents the changes in the Company's asset retirement obligations:

	Years Ended March 31,				
	2(	017	2	016	
	(ir	thousa	ands of dollars)		
Balance as of the beginning of the year	\$	95	\$	-	
Accretion expense		4		-	
Revisions to present value of estimated cash flows		-		95	
Balance as of the end of the year	\$	99	\$	95	

At March 31, 2016, the Company carried out a revaluation study that resulted in an initial estimate of the costs related to the asset retirement obligations of \$95 thousand. Asset retirement obligations are included in other non-current liabilities on the balance sheet.

#### **Employee Benefits**

The Company has defined benefit pension plans and postretirement benefit other than pension ("PBOP") plans for its employees. The Company recognizes all pension and PBOP plans' funded status on the balance sheet as a net liability or asset with an offsetting adjustment to accumulated other comprehensive income ("AOCI") in shareholders' equity. The cost of providing these plans is recovered through rates; therefore, the net funded status is offset by a regulatory asset or liability. The Company measures and records its pension and PBOP funded status at the year-end date. Pension and PBOP plan assets are measured at fair value, using the year-end market value of those assets.

#### New and Recent Accounting Guidance

#### Accounting Guidance Adopted in Fiscal Year 2017

## Intangibles – Goodwill and Other – Internal-Use Software, Customer's Accounting for Fees Paid in a Cloud Computing Arrangement

In April 2015, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") 2015-05, "Intangibles – Goodwill and Other – Internal-Use Software (Subtopic 350-40): Customer's Accounting for Fees Paid in a Cloud Computing Arrangement". The amendments provide guidance to customers about whether a cloud computing arrangement includes a software license. If a cloud computing arrangement includes a software license, then the customer should account for the software license element of the arrangement consistent with the acquisition of other software licenses. If a cloud computing arrangement does not include a software license, the customer should account for the arrangement as a service contract. The guidance will not change GAAP for a customer's accounting for service contracts. In addition, all software licenses within the scope of Subtopic 350-40 will be accounted for consistent with other licenses of intangible assets.

The adoption of this guidance for the treatment of Software as a Service ("SAAS") agreements resulting from the adoption of ASU 2015-05, "Intangibles – Goodwill and Other – Internal-use Software (Subtopic 350-40): Customer's Accounting for Fees Paid in a Cloud Computing Arrangement", had no material impact on the results of operations, cash flows, or financial position of the Company. As the previous guidance required companies to account for SAAS agreements effectively as operating leases, the Company, where applicable, expensed payments under these agreements over the life of the contract and did not capitalize them. The treatment of SAAS agreements as service contracts under ASU 2015-05 will result in the same treatment, and SAAS agreements will continue to be expensed over the life of the contract.

#### Presentation of Financial Statements – Balance Sheet Classification of Debt Issuance Costs

In April 2015, the FASB issued ASU 2015-03, "Simplifying the Presentation of Debt Issuance Costs". The new guidance requires that debt issuance costs related to term loans be presented in the balance sheets as a direct deduction from the carrying value of debt. The guidance was adopted and retrospectively applied as described in Note 10, "Capitalization".

## Presentation of Financial Statements – Going Concern, Disclosure of Uncertainties about an Entity's Ability to Continue as a Going Concern

In August 2014, the FASB issued amendments on reporting about an entity's ability to continue as a going concern in ASU 2014-15, "Presentation of Financial Statements – Going Concern (Subtopic 205 - 40): Disclosure of Uncertainties about an Entity's Ability to Continue as a Going Concern". The amendments provide guidance about management's responsibility to evaluate whether there is substantial doubt surrounding an entity's ability to continue as a going concern. If management concludes that substantial doubt exists, the amendments require additional disclosures relating to management's evaluation and conclusion. Management is not aware of any indicators giving rise to substantial doubt about the Company's ability to continue to operate and to meet its obligations as they fall due.

#### Accounting Guidance Not Yet Adopted

#### Statement of Cash Flows

In November 2016, the FASB issued ASU No. 2016-18, "Statement of Cash Flows (Topic 230): Restricted Cash (a consensus of the FASB Emerging Issues Task Force)", which requires entities to show the changes in the total of cash, cash equivalents, restricted cash, and restricted cash equivalents in the statement of cash flows. For the Company, the requirements of the new standard will be effective for the fiscal year ended March 31, 2020, and interim periods thereafter, with early adoption permitted. The Company is currently evaluating the impact of the new guidance on the presentation of the Company's statements of cash flows.

In August 2016, the FASB issued ASU No. 2016-15, "Classification of Certain Cash Receipts and Cash Payments (Topic 230)", which provides guidance about the classification of certain cash receipts and payments within the statement of cash flows, including debt prepayment or extinguishment costs, contingent consideration payments made after a business combination, proceeds from the settlement of insurance claims and policies, and distributions received from equity method investments. For the Company, the requirements of the new standard will be effective for the fiscal year ended March 31, 2020, and interim periods thereafter, with early adoption permitted. The Company is currently evaluating the impact of the new guidance on the presentation of the Company's statements of cash flows.

#### Income Taxes

In October 2016, the FASB issued ASU No. 2016-16, "Income Taxes (Topic 740): Intra-Entity Transfers of Assets Other Than Inventory", which eliminates the exception for all intra-entity sales of assets other than inventory. As a result, a reporting entity would recognize the tax expense from the sale of the asset in the seller's tax jurisdiction when the transfer occurs, even though the pre-tax effects of that transaction are eliminated in consolidation. For the Company, the requirements of the new standard will be effective for the fiscal year ended March 31, 2020, and interim periods thereafter, with early adoption permitted. The application of this guidance is not expected to have a material impact on the results of operations, cash flows, or financial position of the Company.

#### Financial Instruments - Credit Losses

In June 2016, the FASB issued ASU No. 2016-13, "Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments". The amendment replaces the incurred loss impairment methodology in current U.S. GAAP with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to inform credit loss estimates. For the Company, the requirements of the new standard will be effective for the fiscal year ended March 31, 2022, and interim periods thereafter, with early adoption permitted for the fiscal year ended March 31, 2020 and interim periods within. The Company is currently evaluating the impact of the new guidance on the presentation, results of operations, cash flows, and financial position of the Company.

#### **Revenue Recognition**

In May 2014, the FASB issued ASU 2014-09, "Revenue from Contracts with Customers (Topic 606)", which changes the criteria for recognizing revenue from a contract with a customer. In August 2015, the FASB issued ASU 2015-14, "Revenue from Contracts with Customers – Deferral of the Effective Date". The new standard defers by one year the effective date of ASU 2014-09. The underlying principle of "Revenue from Contracts with Customers" is that an entity will recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration the entity expects to be entitled to, in exchange for those goods or services. The new guidance must be adopted using either a full retrospective approach or a modified retrospective approach. For the Company, the new guidance will be effective for the fiscal year ended March 31, 2019, and interim periods thereafter, with early adoption permitted for the fiscal year ended March 31, 2018 and interim periods within.

Additionally, there were subsequent amendments to ASU 2014-09. In March 2016, the FASB issued ASU 2016-08, which clarifies the implementation guidance on principal versus agent considerations. In April 2016, the FASB issued ASU No.

2016-10, "Revenue from Contracts with Customers (Topic 606): Identifying Performance Obligations and Licensing", which provides guidance in the new revenue standard on identifying performance obligations and accounting for licenses of intellectual property. In May 2016, the FASB issued ASU 2016-12, providing additional clarity on various aspects of Topic 606, including a) Assessing the Collectibility Criterion and Accounting for Contracts That Do Not Meet the Criteria for Step 1, b) Presentation of Sales Taxes and Other Similar Taxes Collected from Customers, c) Noncash Consideration, d) Contract Modifications at Transition, e) Completed Contracts at Transition, and f) Technical Correction. Lastly, in December 2016, the FASB issued ASU No. 2016-20, "Technical Corrections and Improvements to Topic 606, Revenue from Contracts with Customers". The amendments in this Update cover a variety of corrections and improvements to the Codification related to the new revenue recognition standard (ASU No. 2014-09). The effective date and transition requirements for the amendments in these updates are the same as the effective date and transition requirements of ASU 2014-09.

The Company continues to assess the impacts this guidance may have on its results of operations, cash flows and financial position. In performing this assessment, the Company is utilizing an implementation team comprising both internal and external resources. The key areas of focus include but are not limited to: reviewing the potential new disclosures regarding the nature, amount, timing and uncertainty of revenue and related cash flows; developing an implementation approach and process for complying with these new disclosures; and evaluating existing contracts and revenue streams for potential changes in the amounts and timing of recognizing revenues under the new guidance. While there continues to be ongoing activities in all these areas, the Company has preliminarily concluded that it expects to apply the new guidance using the modified retrospective method.

#### Leases

In February 2016, the FASB issued a new lease accounting standard, ASU 2016-02, "Leases (Topic 842)". The key objective of the new standard is to increase transparency and comparability among organizations by recognizing lease assets and lease liabilities on the balance sheet and disclosing key information about leasing arrangements. Lessees will need to recognize a right-of-use asset and a lease liability for virtually all of their leases (other than leases that meet the definition of a short-term lease). For income statement purposes, a dual model has been retained, with leases to be designated as operating leases or finance leases. Expenses will be recognized on a straight-line basis for operating leases, and a front-loaded basis for finance leases. For the Company, the new standard will be effective for the fiscal year ended March 31, 2021, and interim periods thereafter, with early adoption permitted. The new standard must be adopted using a modified retrospective transition, and provides for certain practical expedients. The Company is currently evaluating the impact of the new guidance on the presentation, results of operations, cash flows, and financial position of the Company.

#### Financial Instruments - Classification and Measurement

In January 2016, the FASB issued ASU 2016-01, "Financial Instruments – Overall: Recognition and Measurement of Financial Assets and Financial Liabilities". The new guidance principally affects the accounting for equity investments and financial liabilities where the fair value option has been elected, as well as the disclosure requirements for financial instruments. For the Company, the new guidance will be effective for the fiscal year ended March 31, 2020, and interim periods thereafter, with early adoption permitted for the fiscal year ended March 31, 2019 and interim periods within. The Company is currently evaluating the impact of the new guidance on the presentation, results of operations, cash flows, and financial position of the Company.

#### Measurement of Inventory

In July 2015, the FASB issued ASU 2015-11, "Simplifying the Measurement of Inventory". The new guidance requires that inventory be measured at the lower of cost and net realizable value (other than inventory measured using "last-in, first out" and the "retail inventory method"). For the Company, the new guidance, which must be applied prospectively, will be effective for the fiscal year ended March 31, 2018, and interim periods thereafter, with early adoption permitted. The application of this guidance is not expected to have a material impact on the results of operations, cash flows, or financial position of the Company since the Company's material and supplies inventory is stated at the lower of cost or market.

#### Pension and Postretirement Benefits

In March 2017, the FASB issued ASU 2017-07, "Compensation Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost", which changes certain presentation and disclosure requirements for employers that sponsor defined benefit pension and other postretirement benefit plans. The ASU requires the service cost component of the net benefit cost to be in the same line item as other compensation in operating income and the other components of net benefit cost to be presented outside of operating income on a retrospective basis. In addition, only the service cost component will be eligible for capitalization when applicable, on a prospective basis. For the Company, the requirements of the new standard will be effective for the fiscal year ended March 31, 2020, with early adoption permitted. The Company is currently evaluating the impact of the new guidance on the presentation, results of operations, cash flows, and financial position of the Company.

#### Goodwill

In January 2017, the FASB issued ASU 2017-04, "Intangibles—Goodwill and Other (Topic 350): Simplifying the Test for Goodwill Impairment", which eliminates Step 2 from the goodwill impairment test. For the Company, the requirements of the new standard will be effective for the fiscal year ended March 31, 2023, with early adoption permitted. The Company currently anticipates adopting the ASU in the year ended March 31, 2018.

#### Reclassifications

Certain reclassifications have been made to the prior year financial statements to conform the prior year's data to the current year's presentation. These reclassifications had no effect on the Company's results of operations or cash flows. The primary reclassification is a result of the retrospective adoption of ASU 2015-03. Refer to Note 10, "Capitalization".

#### 3. REGULATORY ASSETS AND LIABILITIES

The Company records regulatory assets and liabilities that result from the ratemaking process. The following table presents the regulatory assets and regulatory liabilities recorded on the balance sheet:

	March 31,			
		2017	2016	
		(in thousand	ds of dollars)	
Regulatory assets				
Non-current:				
Cost of removal	\$	8,788	\$-	
Environmental response costs		6,155	9,338	
Postretirement benefits		64,680	82,070	
Regulatory deferred tax asset		11,604	12,787	
Yankee nuclear decomissioning costs		10,621	29,512	
Other		72	67	
Total		101,920	133,774	
Regulatory liabilities				
Non-current:				
Cost of removal		-	3,558	
CTC charges		38,737	27,017	
Postreti rement benefits		3,221	4,757	
Other		3,693	4,139	
Total		45,651	39,471	
Net regulatory assets	\$	56,269	\$ 94,303	

**Cost of removal:** Represents the difference between the cumulative amounts collected versus the cumulative amounts spent to dispose of property, plant and equipment. The liability is discharged as removal costs are incurred. During the year ended March 31, 2017, the balance changed from cumulative costs recovered in excess of costs incurred to cumulative costs incurred in excess of costs recovered.

**CTC charges:** Stranded cost recovery revenues are collected through a CTC, which is billed to former wholesale customers of the Company in connection with the Company's divestiture of its electricity generation investments. CTC-related liabilities consist of obligations to customers that resulted from the sale of certain stranded assets or amounts collected from third parties that will be refunded to customers. These amounts are being refunded to customers as determined per rate filings.

**Environmental response costs:** This regulatory asset represents deferred costs associated with the Company's share of the estimated costs to investigate and perform certain remediation activities at sites with which it may be associated. The Company believes future costs, beyond the expiration of current rate plans, will continue to be recovered through rates.

**Postretirement benefits:** The regulatory asset represents the Company's deferral related to the underfunded status of its pension and PBOP plans.

As a result of the fiscal year 2000 merger of the Company with NGUSA and a fiscal year 2001 acquisition, the Company revalued its pension and other postretirement benefit plans and recognized previously unrecognized net gains in these benefit plans. These gains were deferred as a regulatory liability which is being returned to customers over a 20-year period thru March 2020.

**Regulatory deferred tax asset:** Represents unrecovered federal and state deferred taxes of the Company primarily as a result of regulatory flow-through accounting treatment and tax rate changes. The income tax benefits or charges for certain plant-related timing differences, such as equity AFUDC, are immediately flowed through to, or collected from, customers. The amortization of the related regulatory deferred tax asset, for these items, follows the book life of the underlying plant asset.

Yankee nuclear decommissioning costs: The Yankees operated nuclear generating units which have been permanently decommissioned. Spent nuclear fuel remains on each site, awaiting fulfillment by the U.S. Department of Energy ("DOE") of its statutory obligation to remove it. In addition, groundwater monitoring is ongoing at each site. The Company has recorded a regulatory asset reflecting the estimated future decommissioning billings and the remaining asset retirement obligation from the Yankees.

The Company records carrying charges on regulatory balances for which cash expenditures have been made and are subject to recovery, or for which cash has been collected and is subject to refund. Carrying charges are not recorded on items for which expenditures have not yet been made.

#### 4. RATE MATTERS

#### Stranded Cost Recovery

Under settlement agreements approved by state commissions and the FERC, the Company is permitted to recover stranded costs (those costs associated with its former generating investments (nuclear and non-nuclear) and related contractual commitments that were not recovered through the sale of those investments). The Company earns a return on equity ("ROE") of approximately 11% on stranded cost recovery, which consists primarily of nuclear-related investments at March 31, 2017. The Company will recover its remaining non-nuclear stranded costs through 2020. See the "Decommissioning Nuclear Units" section in Note 13, "Commitments and Contingencies", for a discussion of ongoing costs associated with decommissioned nuclear units.

#### **Transmission Return on Equity**

Transmission revenues are based on a formula rate that recovers the Company's actual costs plus a return on investment. Approximately 70% of the Company's transmission facilities are included under RNS rates. The Company earns an additional 1% ROE incentive adder on RNS-related transmission facilities approved under the RTO's Regional System Plan

and placed in service on or before December 31, 2008. It also earns a 1.25% ROE incentive on its portion of New England East-West Solution ("NEEWS") as described below.

The Company's transmission rates applicable to transmission service through October 15, 2014 reflected a base ROE of 11.14% applicable to the Company's transmission facilities, plus an additional 0.5% Regional Transmission Organization ("RTO") participation adder applicable to transmission facilities included under the Regional Network Service ("RNS") rate. Starting on October 16, 2014, the FERC issued a series of orders as the result of three ROE complaint cases (see the "FERC ROE Complaints" section in Note 13, "Commitments and Contingencies"), reducing the Company's base ROE to 10.57%. The FERC also established a maximum ROE such that any incentives, taken together, may not exceed a cap of 11.74%. On April 14, 2017, the U.S. Court of Appeals for the D.C. Circuit ("Court of Appeals") vacated the FERC's orders which had reduced the Company's base ROE to 10.57% and maximum ROE to 11.74% and remanded the issue back to the FERC. On June 5, 2017, the New England Transmission Owners ("NETOS"), including the Company, submitted a filing to the FERC to document the reinstatement of their transmission rates that had been in effect through October 15, 2014. The NETOS do not intend to commence billing under the reinstated rates until 60 days after the FERC has a quorum, which was reestablished on August 10, 2017. If the FERC takes no action within this 60-day period, then the NETOs will commence billing under their reinstated rates retroactive to June 6, 2017.

#### **Recovery of Transmission Costs**

In conformance with the terms of the Company's Tariff No. 1, on November 17, 2014, the Company submitted a filing to the FERC under Section 205 of the Federal Power Act ("FPA") proposing to reduce the ROE under its Tariff No. 1 formula rates so that they were consistent with those applied under the Independent System Operator New England ("ISO-NE") Open Access Transmission Tariff pursuant to the FERC's Opinion Nos. 531 and 531-A. Under the integrated facilities provisions of Tariff No. 1, the Company supports the cost of transmission facilities owned by its distribution affiliates, MECO and NECO, and makes these facilities available for open access transmission service on an integrated basis. The FERC rejected the Company's filing on April 16, 2015, finding that it was inconsistent with the FERC's clarifications issued in its Order on Rehearing in Opinion No. 531-B (see the "FERC ROE Complaints" section in Note 13, "Commitments and Contingencies"). On January 21, 2016, the Company re-filed proposed amendments to its Tariff No. 1 formula rates for integrated facilities to be consistent with Opinion No. 531-B among other proposed changes. On March 8, 2016, the FERC accepted the filing approving an effective date of October 16, 2014 for the ROE components. The Company has reduced its compensation to its distribution affiliates in accordance with the Order. As mentioned previously, though, on April 14, 2017, the Court of Appeals vacated the FERC's Opinion Nos. 531, 531-A, and 531-B, and remanded the issue back to the FERC.

#### **New England East-West Solution**

In September 2008, the Company, its affiliate NECO, and Northeast Utilities jointly filed an application with the FERC to recover financial incentives for the NEEWS project, pursuant to the FERC's Transmission Pricing Policy Order No. 679. NEEWS consists of a series of inter-related transmission upgrades identified in the New England Regional System Plan and is being undertaken to address a number of reliability problems in Connecticut, Massachusetts, and Rhode Island. Effective November 18, 2008, the FERC granted (1) an incentive ROE of 12.89% (125 basis points above the approved base ROE of 11.64% including the RTO participation adder), (2) 100% construction work in progress in rate base, and (3) recovery of plant abandoned for reasons beyond the companies' control. As discussed in a preceding section, effective October 16, 2014, the FERC issued a series of orders establishing a maximum ROE of 11.74% that effectively caps the NEEWS incentive ROE at that level. On April 14, 2017, the Court of Appeals vacated the FERC's orders which had reduced the Company's maximum ROE to 11.74%, though, and remanded the issue back to the FERC.

#### 5. PROPERTY, PLANT AND EQUIPMENT

The following table summarizes property, plant and equipment at cost along with accumulated depreciation and amortization:

	March 31,			
		2017		2016
		(in thousand	ls of d	ollars)
Plant and machinery	\$	2,447,366	\$	2,239,040
Assets in construction		161,004		204,319
Land and buildings		103,683		104,143
Motor vehicles and equipment		3,639		3,606
Software and other intangibles		2,548		2,548
Total property, plant and equipment		2,718,240		2,553,656
Accumulated depreciation and amortization		(466,006)		(434,704)
Property, plant and equipment, net	\$	2,252,234	\$	2,118,952

#### 6. EQUITY INVESTMENTS

#### Yankee Nuclear Power Companies

The Company has non-controlling interests in Yankee Atomic (34.5%), Connecticut Yankee (19.5%), and Maine Yankee (24%) (the "Yankees"), which own nuclear generating units that have been permanently decommissioned. Spent nuclear fuel remains on each site, awaiting fulfillment by the DOE of its statutory obligation to remove it. In addition, groundwater monitoring is ongoing at each site. The Company has power contracts with each of the Yankees that require the Company to pay an amount equal to its share of total fixed and operating costs of the plant plus a return on equity.

Summarized statement of income and balance sheet data for the Yankees are as follows:

	As of and for the Years Ended March 31,				
	2017	2016	2015		
	(in th	nousands of dol	lars)		
Operating revenue	\$ 2,036	\$ 1,555	\$ 3,152		
Operating expenses Other income (deductions), net	1,475 (270)	1,495 <u>110</u>	2,859 (167)		
Total expenses	1,745	1,385	3,026		
Net income	\$ 291	\$ 170	\$ 126		
Assets					
Current assets	\$ 12,322	\$ 13,218			
Property, plant and equipment	882	882			
Other non-current assets	718,484	961,096			
Total assets	\$731,688	\$975,196			
Liabilities and equity					
Currentliabilities	\$ 2,658	\$ 2,154			
Other non-current liabilities	723,467	967,270			
Equity	5,563	5,772			
Total liabilities and equity	\$731,688	\$975,196			

#### 7. FAIR VALUE MEASUREMENTS

The following tables present available-for-sale securities measured and recorded at fair value on the balance sheet on a recurring basis and their level within the fair value hierarchy as of March 31, 2017 and 2016:

				March 3	1, 2017			
	Le	vel 1	Le	vel 2	Level 3		•	Total
				(in thousand	s of dollars)			
Assets: Available-for-sale securities	\$	4,588	\$	6,030	\$		\$	10,618
				March	31, 2016			
	L	evel 1	L	evel 2	Level	3		Total
				(in thousan	ds of dollars)			
Assets:								
Available-for-sale securities	\$	4,362	\$	5,505	\$	-	\$	9,867

Available-for-sale securities are included in financial investments on the balance sheet and primarily include equity and debt investments based on quoted market prices (Level 1) and municipal and corporate bonds based on quoted prices of similar traded assets in open markets (Level 2).

#### **Other Fair Value Measurements**

The Company's balance sheets reflect long-term debt at amortized cost. The fair value of the Company's long-term debt was based on quoted market prices when available, or estimated using quoted market prices for similar debt. The fair value of this debt at both March 31, 2017 and 2016 approximates the carrying value given the short tenure of the debt which is remarketed every 1 to 270 days.

All other financial instruments on the balance sheet, such as accounts receivable, accounts payable, and the intercompany money pool, are stated at cost, which approximates fair value.

#### 8. EMPLOYEE BENEFITS

The Company participates with other NGUSA subsidiaries in a qualified and non-qualified non-contributory defined benefit plan (the "Pension Plan") and PBOP plan (together with the Pension Plan (the "Plan")), covering substantially all employees.

The Pension Plan is a defined benefit plan which provides union employees, as well as non-union employees hired before January 1, 2011, with a retirement benefit. Supplemental nonqualified, non-contributory executive retirement programs provide additional defined pension benefits for certain executives. The PBOP plan provides health care and life insurance coverage to eligible retired employees. Eligibility is based on age and length of service requirements, and, in most cases, retirees must contribute to the cost of their coverage.

During the years ended March 31, 2017, 2016, and 2015, the Company made contributions of approximately \$2.4 million, \$4.4 million, and \$38 thousand, respectively, to the Plan.

Plan assets are commingled and cannot be allocated to an individual company. The Plan's costs are first directly charged to the Company based on the Company's employees that participate in the Plan. Costs associated with affiliated service companies' employees are then allocated as part of the labor burden for work performed on the Company's behalf. The Company applies deferral accounting for pension and PBOP expenses associated with its regulated electric operations. Any

differences between actual pension costs and amounts used to establish rates are deferred and collected from, or refunded to, customers in subsequent periods. Pension and PBOP expense are included within operations and maintenance expense in the accompanying statements of income.

The unfunded obligations, for the pension plan and PBOP plan in which the Company participates, at March 31, 2017 and 2016 are as follows:

	 March 31,				
	2017		2016		
	 (in thousands of dollars)				
Pension PBOP	\$ 481,066 336,314	\$	591,400 468,020		
	\$ 817,380	\$	1,059,420		

The Company's net pension and PBOP expenses directly charged and allocated from affiliated service companies, net of capital, for the years ended March 31, 2017, 2016, and 2015 are as follows:

	Years Ended March 31,					
	2017			2016	2015	
	(in thousands of dollars)					
Pension PBOP	\$	8,024 890	\$	9,854 1,748	\$6,177 1,391	
	\$	8,914	\$	11,602	\$7,568	

#### **Other Benefits**

At March 31, 2017 and 2016, the Company had accrued workers compensation, auto, and general insurance claims which have been incurred but not yet reported ("IBNR") of \$1.2 million and \$6.2 million, respectively. IBNR reserves have been established for claims and/or events that have transpired but have not yet been reported to the Company for payment.

#### 9. ACCUMULATED OTHER COMPREHENSIVE INCOME

The following table represents the changes in the Company's AOCI for the years ended March 31, 2017 and 2016:

	Unrealized Gain (Loss) on Available- For-Sale Securities			
	(in thou	sands of dollars)		
Balance as of March 31, 2015 Other comprehensive income before reclassifications:	\$	1,051		
Gain on investment (net of \$102 tax expense) Amounts reclassified from other comprehensive income:		155		
Gain on investment (net of \$173 tax benefit) $^{(1)}$		(263)		
Net current period other comprehensive loss		(108)		
Balance as of March 31, 2016 Other comprehensive income before reclassifications:	\$	943		
Gain on investment (net of \$297 tax expense) Amounts reclassified from other comprehensive income:		452		
Gain on investment (net of \$173 tax benefit) $^{(1)}$		(263)		
Net current period other comprehensive loss		189		
Balance as of March 31, 2017	\$	1,132		

<sup>(1)</sup> Amounts are reported as other income, net in the accompanying statements of income.

### **10. CAPITALIZATION**

As a result of the retrospective adoption of ASU 2015-03, relating to the balance sheet presentation of debt issuance costs, the Company adjusted its long-term debt and other non-current assets by \$0.9 million as of March 31, 2016. Debt issuance costs were \$0.7 million at March 31, 2017.

The aggregate maturities of long-term debt for the years subsequent to March 31, 2017 are as follows:

(in thousands of dollars)	
Years Ending March 31,	
2018	\$ 79,250
2019	-
2020	-
2021	186,450
2022	-
Thereafter	106,150
Total	\$371,850

The Company's debt agreements and banking facilities contain covenants, including those relating to the periodic and timely provision of financial information by the issuing entity and financial covenants such as restrictions on the level of indebtedness. Failure to comply with these covenants, or to obtain waivers of those requirements, could in some cases trigger a right, at the lender's discretion, to require repayment of some of the Company's debt, and may restrict the Company's ability to draw upon its facilities or access the capital markets. During the years ended March 31, 2017, 2016, and 2015, the Company was in compliance with all such covenants.

#### **Debt Authorizations**

Since January 12, 2015, the Company had regulatory approval from the FERC to issue up to \$750 million of short-term debt, including the intercompany money pool. On October 7, 2016, the Company received approval to increase the short-term debt limit to \$1.5 billion. The additional authorization is effective beginning October 15, 2016 for a period of two years and expires on October 14, 2018. The Company had no short-term debt outstanding to third-parties as of March 31, 2017 or 2016.

#### Pollution Control Revenue Bonds

At March 31, 2017, the Company had \$371.9 million outstanding of Pollution Control Revenue Bonds in tax-exempt commercial paper mode with maturity dates ranging from March 2018 to October 2022. The debt is remarketed at periods of 1-270 days, and had variable interest rates ranging from 0.25% to 0.80% for the year ended March 31, 2016, and 0.40% to 1.13% for the year ended March 31, 2017.

The Company has a Standby Bond Purchase Agreement ("SBPA") of \$371.9 million, which was renewed in November 2014 and expires on November 20, 2019. This agreement is available to provide liquidity support for \$371.9 million of the Company's Pollution Control Revenue Bonds. The Company has classified this debt as long-term due to its intent and ability to refinance the debt on a long-term basis if it is not able to remarket it. At March 31, 2017 and 2016, there were no bond purchases made by the banks participating in this agreement.

#### **Dividend Restrictions**

Pursuant to provisions in connection with prior mergers, payment of dividends on common stock are not permitted if, after giving effect to such payment of dividends, common equity becomes less than 30% of total capitalization. At March 31, 2017 and 2016, common equity was 77.9% and 73.6% of total capitalization, respectively. Under these provisions, none of the Company's retained earnings at March 31, 2017 and 2016 were restricted as to common dividends.

#### **Cumulative Preferred Stock**

The Company has certain issues of non-participating cumulative preferred stock outstanding which can be redeemed at the option of the Company. There are no mandatory redemption provisions on the Company's cumulative preferred stock. A summary of cumulative preferred stock is as follows:

	Shares Outs	tanding		Am	ount		
	March	31,		Mar	ch 31,		Call
Series	<b>2017</b> 2016 <b>2017</b>		2016		Price		
	(in thousands o	fdollars, except pe	r share a	nd number of	shares d	ata)	
\$100 par value -							
6.00% Series	11,117	11,117	\$	1,112	\$	1,112	Non-callable

The Company did not redeem any preferred stock during the years ended March 31, 2017, 2016, or 2015. The annual dividend requirement for cumulative preferred stock was \$0.07 million for each of the years ended March 31, 2017, 2016, and 2015.

## **11. INCOME TAXES**

#### **Components of Income Tax Expense**

	Years Ended March 31,					
		2017		2016		2015
		(in t	housan	ds of dollars)		
Current tax expense (benefit) :						
Federal	\$	12,320	\$	(5,053)	\$	9,541
State		4,979		(269)		5,724
Total current tax expense (benefit)		17,299		(5,322)		15,265
Deferred tax expense (benefit):						
Federal		45,492		52,764		53,794
State		7,066		9,173		2,148
Total deferred tax expense (benefit)		52,558		61,937		55,942
Amortized investment tax credits $^{(1)}$		(362)		(372)		(373)
Total deferred tax expense (benefit)		52,196		61,565		55,569
Total income tax expense	\$	69,495	\$	56,243	\$	70,834

(1) Investment tax credits ("ITC") are being deferred and amortized over the depreciable life of the property giving rise to the credits.

#### **Statutory Rate Reconciliation**

The Company's effective tax rates for the years ended March 31, 2017, 2016, and 2015 are 39.7%, 40.2%, and 40.4%, respectively. The following table presents a reconciliation of income tax expense at the federal statutory tax rate of 35% to the actual tax expense:

	Years Ended March 31,					
		2017		2016	2015	
		(in t	housan	ds of dollars)		
Computed tax	\$	61,328	\$	48,983	\$ 61,348	
Change in computed taxes resulting from:						
Investment tax credits		(362)		(372)	(373)	
State income tax, net of federal benefit		7,829		5,788	5,117	
Other items, net		700		1,844	4,742	
Total		8,167		7,260	9,486	
Total income tax expense	\$	69,495	\$	56,243	\$ 70,834	

The Company is included in the NGNA and subsidiaries consolidated federal income tax return and Massachusetts unitary state income tax return. The Company has joint and several liability for any potential assessments against the consolidated group.

In December 2015, the Protecting Americans from Tax Hikes Act of 2015 was signed into law, extending bonus depreciation for qualifying property acquired and placed in service before January 1, 2020 (bonus depreciation rates will be 50% in 2015 to 2017, 40% in 2018, and 30% in 2019), with an additional year for certain longer lived assets. The Company will continue to claim bonus depreciation for qualifying property acquired and placed in service in accordance with this change in tax law.

#### Deferred Tax Components

F	March 31,		
	 <b>2017</b> 201		
	 (in thousands of dolla		
Deferred tax assets:			
Future federal benefit on state taxes	\$ 26,510	\$ 24,012	
Net operating losses	25,191	7,679	
Postretirement benefits and other employee benefits	-	5,812	
Regulatory liabilities - other	21,533	20,556	
Reserve - nuclear and decommissioning	4,453	12,375	
Other items	 7,386	7,579	
Total deferred tax assets <sup>(1)</sup>	 85,073	78,013	
Deferred tax liabilities:			
Property related differences	604,783	533,525	
Regulatory assets - postretirement benefits	25,770	32,417	
Regulatory assets - other	14,385	28,150	
Other items	 11,952	3,259	
Total deferred tax liabilities	 656,890	597,351	
Net deferred income tax liabilities	571,817	519,338	
Deferred investment tax credits	 2,708	3,069	
Deferred income tax liabilities, net	\$ 574,525	\$522,407	

(1) The Company established a valuation allowance for deferred tax assets related to expiring charitable contribution carryforwards in the amount of \$4 thousand for each of the years ended March 31, 2017 and 2016.

#### Net Operating Losses

The following table presents the amounts and expiration dates of net operating losses as of March 31, 2017:

Expiration of net operating losses:	Federal	Mass	sachusetts
	(in thousands	ofdollar	rs)
3/31/2034	\$ 926	\$	-
3/31/2035	-		-
3/31/2036	71,728		18,280
3/31/2037	-		-

#### **Unrecognized Tax Benefits**

As of March 31, 2017, 2016, and 2015, the Company's unrecognized tax benefits totaled \$10.3 million, \$9.4 million, and \$8.8 million, respectively, of which none for each of the years would affect the effective tax rate, if recognized. The unrecognized tax benefits are included in other non-current liabilities on the balance sheet.

The following table presents changes to the Company's unrecognized tax benefits:

	Years Ended March 31,					
	2017		2016		2015	
	(in thousands of dollars)					
Balance as of the beginning of the year	\$ 9,366	\$	8,833	\$	8,794	
Gross increases - tax positions in prior periods	328		250		195	
Gross decreases - tax positions in prior periods	-		-		(383)	
Gross increases - current period tax positions	570		283		227	
Balance as of the end of the year	\$10,264	\$	9,366	\$	8,833	

As of March 31, 2017, 2016, and 2015, the Company has accrued for interest related to unrecognized tax benefits of \$1.3 million, \$1 million, and \$0.7 million, respectively. During the years ended March 31, 2017, 2016, and 2015, the Company recorded interest expense of \$0.3 million, \$0.3 million, and \$0.9 million, respectively. The Company recognizes interest related to unrecognized tax benefits in other interest, including affiliate interest, and related penalties, if applicable, in other deductions, net, in the accompanying statements of income. No tax penalties were recognized during the years ended March 31, 2017, 2016, or 2015.

It is reasonably possible that other events will occur during the next twelve months that would cause the total amount of unrecognized tax benefits to increase or decrease. However, the Company does not believe any such increases or decreases would be material to its results of operations, financial position, or cash flows.

The Company is included in NGNA and subsidiaries' administrative appeal with the Internal Revenue Service ("IRS") related to the issues disputed in the examination cycles for the years ended March 31, 2008 and March 31, 2009. The Company is expecting to reach a settlement with the IRS in the next fiscal year. The Company does not believe that the outcome of the settlement will have a material impact to its results of operations, financial position, or cash flows. The IRS continues its examination of the next cycle which includes income tax returns for the years ended March 31, 2010 through March 31, 2012. The examination is expected to conclude in the next fiscal year. The income tax returns for the years ended March 31, 2017 remain subject to examination by the IRS.

The Massachusetts unitary state income tax returns for the years ended March 31, 2010 through March 31, 2017 remain subject to examination by the Massachusetts Department of Revenue.

The following table indicates the earliest tax year subject to examination for each major jurisdiction:

Jurisdiction	Tax Year
Federal	March 31, 2010
Massachusetts	March 31, 2010
New Hampshire	March 31, 2013

#### **12. ENVIRONMENTAL MATTERS**

The normal ongoing operations and historic activities of the Company are subject to various federal, state, and local environmental laws and regulations. Under federal and state Superfund laws, potential liability for the historic contamination of property may be imposed on responsible parties jointly and severally, without regard to fault, even if the activities were lawful when they occurred. The Company is currently investigating and remediating, as necessary, those Manufactured Gas Plant sites and certain other properties under agreements with the Environmental Protection Agency. Expenditures incurred for the years ended March 31, 2017, 2016, and 2015 were \$0.2 million, \$0.2 million, and \$0.1 million, respectively.

The Company estimated the remaining costs of environmental remediation activities were \$7.6 million and \$10 million at March 31, 2017 and 2016, respectively. In 2017, the Company reduced the obligation, primarily due to new information on

the Salem Harbor site. These costs are expected to be incurred over approximately 34 years, and these undiscounted amounts have been recorded as reserves on the balance sheet. However, remediation costs for each site may be materially higher than estimated, depending on changing technologies and regulatory standards, selected end use for each site, and actual environmental conditions encountered. The Company has recovered amounts from certain insurers and potentially responsible parties, and, where appropriate, the Company may seek additional recovery from other insurers and from other potentially responsible parties, but it is uncertain whether, and to what extent, such efforts will be successful.

As of March 31, 2017 and 2016, the Company has recorded environmental regulatory assets of \$6.2 million and \$9.3 million, respectively.

The Company is currently conducting a program to investigate and remediate, as necessary to meet current environmental standards, certain properties which the Company has learned may be contaminated with industrial waste as to which it may be determined that the Company has contributed. The Company has also been advised that various federal, state, or local agencies believe certain properties require investigation and has prioritized the sites based on available information in order to enhance the management of investigation and remediation, if necessary.

The Company believes that its ongoing operations, and its approach to addressing conditions at historic sites, are in substantial compliance with all applicable environmental laws. Where the Company has regulatory recovery, it believes that the obligations imposed on it because of the environmental laws will not have a material impact on its results of operations or financial position.

#### **13. COMMITMENTS AND CONTINGENCIES**

#### **Purchase Commitments**

The Company has one remaining contract for the purchase of electric power, and this contract requires power to be delivered before the Company is obligated to make payment. In addition, the Company has various capital commitments related to the construction of property, plant and equipment.

The Company's commitments under these contracts for the years subsequent to March 31, 2017 are summarized in the table below:

(in thousands of dollars)	Energy			Capital			
Years Ending March 31.	Purchases			Expenditures			
2018	\$	18,873		\$	38,088		
2019		-			10,186		
2020		-			-		
2021		-			-		
2022		-			-		
Thereafter		-			-		
Total	\$	18,873		\$	48,274		

The Company purchases additional energy to meet load requirements from independent power producers, other utilities, energy merchants, or the ISO-NE at market prices.

#### Legal Matters

The Company is subject to various legal proceedings arising out of the ordinary course of its business. The Company does not consider any of such proceedings to be material, individually or in the aggregate, to its business or likely to result in a material adverse effect on its results of operations, financial position, or cash flows.

#### **FERC ROE Complaints**

On October 16, 2014, in response to a complaint initially filed on September 30, 2011 by several state and municipal parties in New England ("Complainants") against the base ROE earned by certain New England Transmission Owners ("NETOS") including the Company, the FERC issued a final order in Opinion No. 531-A lowering the base ROE from 11.14% to 10.57% for the NETOs effective as of October 16, 2014, and capped the ROE, including incentives, at 11.74%. The FERC also directed that refunds be issued to transmission customers taking service during the 15-month refund period from October 1, 2011 through December 31, 2012 to reflect these reductions. On March 3, 2015, the FERC issued an Order on Rehearing, Opinion No. 531-B, affirming the 10.57% base ROE and clarifying that the 11.74% maximum ROE applies to all individual transmission projects with ROE incentives previously granted by the FERC. On July 18, 2015, the FERC approved an amended tariff compliance filing submitted by the NETOs in response to Opinion No. 531-B. This order constitutes final FERC action on the first ROE complaint. By December 31, 2015, the Company's total refund obligation of approximately \$9.2 million for the periods October 1, 2011 through December 31, 2012, and October 16, 2014 through December 31, 2014, was returned to customers, followed by refund compliance reports being submitted to the FERC. The NETOs, including the Company, have appealed certain aspects of the FERC's orders in the first ROE complaint to the Court of Appeals. On April 14, 2017, the Court of Appeals vacated the FERC's orders which had reduced the Company's base ROE to 10.57% and maximum ROE to 11.74% and remanded the issue back to the FERC. On June 5, 2017, the NETOS, including the Company, submitted a filing to the FERC to document the reinstatement of their transmission rates that had been in effect through October 15, 2014. The NETOs do not intend to commence billing under the reinstated rates until 60 days after the FERC has a quorum, which was re-established on August 10, 2017. If the FERC takes no action within this 60-day period, then the NETOs will commence billing under their reinstated rates retroactive to June 6, 2017.

On December 27, 2012, a second ROE complaint was filed against the NETOs by a coalition of consumers seeking to lower the base ROE for New England transmission rates to 8.7% effective as of December 27, 2012. On June 19, 2014, the FERC issued an order setting the complaint for investigation and establishing a 15-month refund period for the second complaint beginning on December 27, 2012.

On July 31, 2014, a third ROE complaint was filed against the NETOs by complainants seeking to lower the base ROE for New England transmission rates to 8.84% effective as of July 31, 2014. On November 24, 2014, the FERC issued an order consolidating this complaint with the second ROE complaint discussed above, setting both matters for investigation and a trial-type, evidentiary hearing on a consolidated basis. The FERC's order established a 15-month refund period for the third ROE complaint beginning on July 31, 2014 and determined that it would be appropriate for the parties to litigate a separate ROE for the two separate refund periods established by each of the complaints.

On March 25, 2016, an ALJ released his decision on the second and third ROE complaints. The ALJ found that the NETOs' base ROE should be reduced to 9.59% for the first period at issue (December 27, 2012 through March 26, 2014); accordingly, the Company recorded a liability of \$27.3M for this refund in other current liabilities. The ALJ also noted that the ROE should be increased to 10.90% for the second period (July 31, 2014 through October 30, 2015, and prospectively after the FERC issues an order on this decision). The new ROEs resulting from the second and third ROE complaints will not go into effect until the FERC issues an order addressing the ALJ's decision. The ALJ's initial decision relied upon the FERC's Opinion Nos. 531, 531-A, and 531-B, though, which have now been vacated. As mentioned previously, the Court of Appeals has remanded the issue back to the FERC.

On April 29, 2016, a group of Massachusetts municipal customers filed a fourth ROE complaint at the FERC arguing that the FERC should reduce the NETOs' base ROE to 8.61% and should cap the NETOs' total ROE, including any ROE incentives, at 11.24%. On June 3, 2016, the NETOs filed an answer to this complaint. The FERC has set the 4<sup>th</sup> complaint for a trial-type hearing and the first settlement conference was scheduled for November 8, 2016. The judge has also set the fourth ROE complaint on a hearing track, in parallel with the settlement proceedings. Following the decision from the Court of Appeals to remand the ROE issue back to the FERC, the Company has requested that both the settlement proceedings and hearing schedule be pushed back in order for the Company to reevaluate its options. The next hearing is scheduled for December 11, 2017.

#### FERC 206 Proceeding on Rate Transparency

On December 28, 2015, the FERC initiated a proceeding under Section 206 of the FPA. The FERC found that the ISO-NE Transmission, Markets, and Services Tariff is unjust, unreasonable, and unduly discriminatory or preferential. The FERC found that ISO-NE's Tariff lacks adequate transparency and challenge procedures with regard to the formula rates for ISO-NE Participating Transmission Owners ("PTOs"). In addition, the FERC found that the ISO-NE PTOs', including the Company's, current RNS and Local Network Service ("LNS") formula rates appear to be unjust, unreasonable, unduly discriminatory or preferential, or otherwise unlawful. The FERC explained that the formula rates appear to lack sufficient detail in order to determine how certain costs are derived and recovered in the formula rate protocols to be included in the ISO-NE Tariff and to examine the justness and reasonableness of the RNS and LNS rates. The matter is currently in settlement procedures. At this time, the Company is unable to predict and estimate any impact to earnings.

#### **Decommissioning Nuclear Units**

The Company is a minority equity owner of, and former purchaser of electricity from, the Yankees. The Yankees have been permanently shut down and physically decommissioned. Spent nuclear fuel remains on each site awaiting fulfillment by the DOE of its statutory and contractual obligation to remove it. Future estimated billings, which are included in accrued Yankee nuclear plant costs and other current liabilities and exactly offset by a component of regulatory assets - deferred in the accompanying balance sheets, are as follows:

	Future Estimated							
	Billings to the							
(in thousands of dollars)	March 31, 2017					Company		
Unit	%		Amount	Date Retired	Amount			
Yankee Atomic	34.5	\$	520	Feb 1992	\$	-		
Connecticut Yankee	19.5		353	Dec 1996		10,621		
Maine Yankee	24.0		658	Aug 1997		-		

The Yankees are periodically required to file rate cases for FERC review, which present the Yankees' estimated future decommissioning costs. The Yankees collect the approved costs from their purchasers, including the Company. Future estimated billings from the Yankees are based on cost estimates. These estimates include the projections of groundwater monitoring, security, liability and property insurance, and other costs. They also include costs for interim spent fuel storage facilities which the Yankees have constructed while they await removal of the fuel by the DOE as required by the Nuclear Waste Policy Act of 1982 and contracts between the DOE and each of the Yankees. The Company has recorded a current liability of \$40 thousand and \$0.1 million (included within other current liabilities) as of March 31, 2017 and 2016, respectively, which represents the current portion of accrued Yankee nuclear plant costs. As of March 31, 2017 and 2016, the Company has recorded a deferred liability of \$10.6 million and \$29.4 million (included within accrued Yankee nuclear plant costs), respectively. The sum of the current and deferred liabilities is offset by a regulatory asset of \$10.6 million and \$29.5 million (included within regulatory assets - deferred) as of March 31, 2017 and 2016, respectively, reflecting the estimated future decommissioning billings from the Yankees.

In 2013, the FERC accepted settlements establishing rate mechanisms by which each of the Yankees maintains funding for operations and decommissioning, and credits to its purchasers, including the Company, any net proceeds in excess of funding costs received as part of the DOE litigation proceedings discussed below.

Each of the Yankees brought litigation against the DOE for failure to remove their respective nuclear fuel stores as required by the Nuclear Waste Policy Act and contracts. Following a trial at the U.S. Court of Claims ("Claims Court") to determine the level of damages, on October 4, 2006, the Claims Court awarded the three companies an aggregate of \$143 million for spent fuel storage costs that had been incurred through 2001 and 2002 (the "Phase I Litigation"). The Yankees had requested \$176.3 million. The DOE appealed to the U.S. Court of Appeals for the Federal Circuit, which rendered an opinion generally supporting the Claims Court's decision and remanded the matter to it for further proceedings. In September 2010, the Claims Court again awarded the companies an aggregate of approximately \$143 million. The DOE again appealed and the Yankees cross-appealed. On May 18, 2012, the U.S. Court of Appeals for the Federal Circuit again ruled in favor of the Yankees, awarding them an aggregate of approximately \$160 million. The DOE sought reconsideration, but, on September 5, 2012, the U.S. Court of Appeals for the Federal Circuit again. The DOE elected not to file a petition for writ of certiorari seeking review by the U.S. Supreme Court, and, in January 2013, the awards were paid to the Yankees.

As of March 31, 2017, total net proceeds of \$25.6 million have been refunded to the Company by Connecticut Yankee and Maine Yankee. Yankee Atomic did not provide a refund, but reduced monthly billing effective June 1, 2013. The Company refunds its share to its customers through the CTCs.

On December 14, 2007, the Yankees brought further litigation in the Claims Court to recover subsequent damages incurred through 2008 (the "Phase II Litigation"). A Claims Court trial took place in October 2011. On November 1, 2013, the judge awarded the Yankees an aggregate of \$235.4 million in damages for the Phase II Litigation. The DOE elected not to seek appellate review, and the awards were paid to the Yankees. In March 2014, Maine Yankee and Yankee Atomic received 100% of the DOE Phase II proceeds expected (\$35.8 million and \$73.3 million, respectively). Connecticut Yankee received a partial payment of \$90 million of the expected \$126.3 million. The balance was received in April 2014.

On April 29, 2014, the Yankees submitted informational filings to the FERC in order to flow through the DOE Phase II Litigation proceeds to their Sponsor companies, including the Company, in accordance with financial analyses that were performed earlier that year and supported by stakeholders from Connecticut, Massachusetts, and Maine. The filings allowed for the flow-through of the proceeds to the Sponsors, including the Company, with a rate effective date of June 1, 2014. As of March 31, 2017, total net proceeds of \$57.8 million have been refunded to the Company by the Yankees. The Company refunds its share of the net proceeds to its customers through the CTCs.

On August 15, 2013, the Yankees brought further litigation (the "Phase III Litigation") in the Claims Court to recover damages incurred from 2009 through 2012. On March 25, 2016, the judge awarded the Yankees an aggregate of \$76.8 million in damages for the Phase III Litigation, which is about 98.6% of the damages sought. The judgment is final and payment to the Yankees has been completed. As of March 31, 2017, total net proceeds of \$4.5 million have been refunded to the Company by Connecticut Yankee and Maine Yankee. The Company refunds its share to its customers through the CTCs.

The U.S. Congress and the DOE have effectively terminated budgetary support for the proposed long-term spent fuel storage facility at Yucca Mountain in Nevada, and the DOE took actions designed to prevent its construction. However, on August 12, 2013, the U.S. Court of Appeals for the DC Circuit ("DC Circuit Court") directed the Nuclear Regulatory Commission ("NRC") to resume the Yucca Mountain licensing process despite insufficient funding to complete it. On October 28, 2013, the DC Circuit Court denied the NRC's petition for rehearing. On November 18, 2013, the NRC ordered its staff to resume work on its Yucca Mountain safety report. A Blue Ribbon Commission ("BRC") charged with advising the DOE regarding alternatives to disposal at Yucca Mountain issued its final report on January 26, 2012. In the report, the BRC recommended that priority be given to removal of spent fuel from shutdown reactor sites. A proposal to provide funding for the pursuit of licensing of the Yucca Mountain facility is pending in Congress. Also, private entities are pursuing proposals to site interim storage facilities at two locations in the southwestern United States. It is impossible to predict when the DOE will fulfill its obligation to take possession of the Yankees' spent fuel. The decommissioning costs that are actually incurred by the Yankees may substantially exceed the estimated amounts.

#### 14. RELATED PARTY TRANSACTIONS

#### Accounts Receivable from and Accounts Payable to Affiliates

NGUSA and its affiliates provide various services to the Company, including executive and administrative, customer services, financial (including accounting, auditing, risk management, tax, and treasury/finance), human resources, information technology, legal, and strategic planning, that are charged between the companies and charged to each company.

The Company records short-term receivables from, and payables to, certain of its affiliates in the ordinary course of business. The amounts receivable from, and payable to, its affiliates do not bear interest and are settled through the intercompany money pool. A summary of net outstanding accounts receivable from affiliates and accounts payable to affiliates is as follows:

	Accounts Receivable from Affiliates March 31,				Accounts Payable to Affiliates March 31,				
	2017		2016		2017		2016		
			(in thousands of dollars)						
Massachusetts Electric Company	\$	5,054	\$	9,872	\$	-	\$	-	
National Grid Glenwood Energy Center		2,116		2,116		-		-	
NGUSA		2,245		2,544		-		-	
NGUSA Service Company		-		-		12,904		6,299	
The Narragansett Electric Company		-		-		5,796		16,672	
Other		391		367		402		675	
Total	\$	9,806	\$	14,899	\$	19,102	\$	23,646	

For the years ended March 31, 2017 and 2016, approximately 83% and 81% of the Company's local transmission service, respectively, was provided to MECO and NECO.

#### Advance from Affiliate

In December 2008, the Company entered into an agreement with NGUSA whereby the Company can borrow up to \$400 million from time to time for working capital needs. The advance is non-interest bearing. At March 31, 2017 and 2016, the Company had no outstanding advance from affiliate.

#### Intercompany Money Pool

The settlement of the Company's various transactions with NGUSA and certain affiliates generally occurs via the intercompany money pool in which it participates. The Company is a participant in the Regulated Money Pool and can both borrow and invest funds. Borrowings from the Regulated Money Pool bear interest in accordance with the terms of the Regulated Money Pool Agreement. As the Company fully participates in the Regulated Money Pool rather than settling intercompany charges with cash, all changes in the intercompany money pool balance, and accounts receivable from affiliates and accounts payable to affiliates balances, are reflected as investing or financing activities in the accompanying statements of cash flows. In addition, for the purpose of presentation in the statements of cash flows, it is assumed all amounts settled through the intercompany money pool are constructive cash receipts and payments, and therefore are presented as such.

The Regulated Money Pool is funded by operating funds from participants. Collectively, NGUSA and its subsidiary, KeySpan, have the ability to borrow up to \$3 billion from National Grid plc for working capital needs, including funding of the

Regulated Money Pool, if necessary. The Company had short-term intercompany money pool borrowings of \$661.7 million and \$568.8 million at March 31, 2017 and 2016, respectively. The average interest rates for the intercompany money pool were 1.1%, 0.7%, and 0.3% for the years ended March 31, 2017, 2016, and 2015, respectively.

#### Service Company Charges

The affiliated service companies of NGUSA provide certain services to the Company at their cost. The service company costs are generally allocated to associated companies through a tiered approach. First and foremost, costs are directly charged to the benefited company whenever practicable. Secondly, in cases where direct charging cannot be readily determined, costs are allocated using cost/causation principles linked to the relationship of that type of service, such as number of employees, number of customers/meters, capital expenditures, value of property owned, and total transmission and distribution expenditures. Lastly, when a specific cost/causation principle is not determinable, costs are allocated based on a general allocator determined using a 3-point formula based on net margin, net property, plant and equipment, and operations and maintenance expense.

Net charges to and from the service companies of NGUSA (i.e.: goods and services provided by the service companies minus goods and services provided to the service companies), including but not limited to non-power goods and services, for the years ended March 31, 2017, 2016, and 2015 were \$115.1 million, \$111.4 million, and \$116.6 million, respectively.

#### **Holding Company Charges**

NGUSA received charges from National Grid Commercial Holdings Limited (an affiliated company in the United Kingdom) for certain corporate and administrative services provided by the corporate functions of National Grid plc to its U.S. subsidiaries. These charges, which are recorded on the books of NGUSA, have not been reflected in these financial statements. The estimated amount related to the Company would be \$2.3 million, \$1.6 million, and \$2.2 million for the years ended March 31, 2017, 2016, and 2015, respectively.