

Thomas R. Teehan Senior Counsel

September 14, 2011

## VIA HAND DELIVERY & ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk Rhode Island Division of Public Utilities and Carriers 89 Jefferson Boulevard Warwick, RI 02888

### RE: Docket 4296 – 2011 Distribution Adjustment Charge Filing Responses to Division Data Requests – Set 1

Dear Ms. Massaro:

Enclosed are National Grid's<sup>1</sup> responses to the Division's First Set of Data Requests in the above-captioned proceeding.

The Company's response to Division 1-7 will be forthcoming.

Thank you for your attention to this transmittal. If you have any questions, please feel free to contact me at (401) 784-7667.

Very truly yours,

K Tuchon

Thomas R. Teehan

Enclosure

cc: Docket 4269 Service List Leo Wold, Esq. Steve Scialabba

<sup>&</sup>lt;sup>1</sup> The Narragansett Electric Company d/b/a National Grid.

Request:

Referring to NG-JFN-5, Page 2, please provide documentation supporting the pension expense for the 12 months ended June 30, 2011 on Line 7.

Response:

Please refer to Attachment DIV 1-1.

## **Calculation of Pension Expense**

0.	Line Description	30-Jun-2011
	Narragansett Gas Actuary Report	2,761,575
2	Narragansett Gas Amortization	4,065,264
;	Narragansett Gas Pension Charged to Capital	(1,989,624)
Ļ	Narragansett Gas Pension Charged to Expense	4,837,215
5		
5	N Grid Service Company Allocation to Narragansett Gas	1,348,323
,	Keyspan Service Company Allocation to Narragansett Gas	1,201,848
8	Keyspan Utility Service Company Allocation to Narragansett Gas	25,519
)		
0	Other Company Charges to Narragansett Gas	217,411
1		
2	Total Expense	\$ 7,630,316

Line Notes:

4 Sum L. 1 - L. 3

12 Sum L. 4 - L. 10

## **Calculation of PBOP Expense**

line No.	Line Description	30-Jun-2011
1	Narragansett Gas Actuary Report	3,385,320
2	Narragansett Gas Amortization	1,789,728
3	Narragansett Gas PBOP Charged to Capital	(1,473,469)
4	Narragansett Gas PBOP Charged to Expense	3,701,579
5		
6	N Grid Service Company Allocation to Narragansett Gas	1,083,423
7	Keyspan Service Company Allocation to Narragansett Gas	823,191
8	Keyspan Utility Service Company Allocation to Narragansett Gas	18,579
9		
0	Other Company Charges to Narragansett Gas	423,692
1		
2	Total Expense	\$ 6,050,463

Line Notes:

4 Sum L. 1 - L. 3 12 Sum L. 4 - L. 10

12 Sum L. 4 - L. 10

Request:

Referring to NG-JFN-5, Page 2, please provide the actual pension contribution for the 12 months ended June 30, 2011.

Response:

Please refer to Attachment DIV 1-2.

The Narragansett Electric Company d/b/a National Grid Docket 4269 2011 Distribution Adjustment Clause Filing Attachment DIV 1-2 Page 1 of 1

#### National Grid - RI Gas Pension and PBOP Funding July 1, 2010 through June 20, 2011

Line No.	Date	Major Plan Category	Trust Short Name	Paying Company	Amount by Company	Plan Type	Contribution Type	Contribution Fiscal Year
1	07/14/2010	National Grid	NG FAPP	New England Gas	2,204,000	Pension	Regular	FY2011
2	04/14/2011	National Grid	NG FAPP	New England Gas	2,156,000	Pension	Regular	FY2011
3				Direct Funded	4,360,000			
4				Service Company 2011	274,525			
5				<b>Total Funding Pension</b>	4,634,525			
6								
7	10/28/2010	National Grid	NE NonUnion VEBA	New England Gas	250,000	OPEB	Regular	FY2011
8	10/28/2010	National Grid	NE Union VEBA	New England Gas	250,000	OPEB	Regular	FY2011
9	10/28/2010	National Grid	NG 401(h)	New England Gas	50,000	OPEB	Regular	FY2011
10	01/28/2011	National Grid	NE NonUnion VEBA	New England Gas	250,000	OPEB	Regular	FY2011
11	01/28/2011	National Grid	NE Union VEBA	New England Gas	250,000	OPEB	Regular	FY2011
12	01/28/2011	National Grid	NG 401(h)	New England Gas	50,000	OPEB	Regular	FY2011
13	04/28/2011	National Grid	NE NonUnion VEBA	New England Gas	131,000	OPEB	Regular	FY2012
14	04/28/2011	National Grid	NE Union VEBA	New England Gas	125,500	OPEB	Regular	FY2012
15	04/28/2011	National Grid	NG 401(h)	New England Gas	11,750	OPEB	Regular	FY2012
16				Direct Funded	1,368,250			
17				Service Company 2011	481,491			
18				Other Funding	822,693 1	/		
19				Total Funding PBOP	2,672,434			

1/ Represents other direct fundings to healthcare administators and prescription drug providers such as Blue Cross/Blue Shield of Mass. Inc., Caremark LLC and Delta Dental Services of Mass. This amount also includes \$64,182 and \$311,400 for the twelve months ended June 2009 and June 2010, respectively, that were not reported in previous filings.

Request:

Referring to NG-JFN-5, Page 3, please provide documentation supporting the PBOP expense for the 12 months ended June 30, 2010 on Line 7.

Response:

See response to Division Data Request 1-1.

Request:

Referring to NG-JFN-5, Page 3, please provide the actual PBOP contribution for the 12 months ended June 30, 2011.

Response:

See response to Division Data Request 1-2.

### Request:

Referring to NG-JFN-6, Page 4, line 2, please provide documentation supporting the ARP Actual Program Spend for the 12 months ended June 30, 2011.

## Response:

Please see Attachment DIV 1-5, which is a copy of the FY 2011 Annual Accelerated Replacement Program Report for the Period April 1, 2010 – March 31, 2011, Attachment 1 which was filed with the Commission on May 19, 2011.

Prepared by or under the supervision of William R. Richer

nationalgrid

Thomas R. Teehan Senior Counsel

May 1;, 2011

### VIA HAND DELIVERY & ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk Rhode Island Public Utilities Commission 89 Jefferson Boulevard Warwick, RI 02888

## RE: Docket 4034 – FY 2011 Accelerated Replacement Program ("ARP") <u>ARP Final Report</u>

Dear Ms. Massaro:

Consistent With ARP Schedule set out in Docket 3943, enclosed for filing are ten (10) copies of National Grid's<sup>1</sup> ARP Annual Report for Fiscal Year 2011 ("FY 2011 Report").

In Docket 3943, the Rhode Island Public Utilities Commission ("Commission") approved a capital replacement program targeted at the elimination of certain categories of leak-prone gas pipe: (1) bare-steel and small-diameter cast iron gas mains and associated service, and (2) high-pressure bare-steel services with gas meters/regulators located inside customer premises. Under the Commission-approved plan, during May following the conclusion of the prior FY ARP program, the Company is to file with the Commission a final report ("ARP Report") summarizing expenditures and work accomplished during the prior fiscal year's ARP. In compliance with that portion of the plan, the Company submits the attached FY 2011 Report, which consists of a written report and certain attachments.

The FY 2011 Report provides the Commission with the Company's second annual report for this program, and sets forth National Grid's actual ARP program expenditures for the period April 1, 2010 – March 31, 2011. The Company filed its original FY 2011 Plan on May 3, 2010 followed by a Request to Modify on July 9, 2010<sup>2</sup>. The Commission approved the January 15, 2010 filing in Order #19991 on April 30, 2010, and subsequently the Request to Modify the Plan was approved in Order #20108 on August 26, 2010.

Consistent with Docket 4034, the FY 2011 ARP Report establishes the incremental capital expenditure the Company will seek recovery of as part of its November 1, 2011 Distribution Adjustment Charge ("DAC") filing. This DAC filing will be made August 1, 2011.

<sup>&</sup>lt;sup>1</sup> The Narragansett Electric Company d/b/a National Grid

<sup>2</sup> The FY 2011 ARP Program consisted of the following filings: "FY 2011 DRAFT ARP Filing Docket # 4034 – January 15, 2010"; "FY 2011 Final ARP Filing Docket # 4034 – May 3, 2010"; "FY 2011 Modified Final ARP Filing Docket # 4034 – July 9 2010."

Luly E. Massaro, Commission Clerk FY2011 Final ARP Report Page 2 of 2

The ARP Report consists of a written summary report as well as the following attachments:

- Attachment 1 FY 2011 Estimated vs. Actual ARP Project Summary
- Attachment 2 FY 2011 MRP Project Detail
- Attachment 3 FY 2011 Project Variance
- Attachment 4 FY 2011 ARP Program Performance

During the FY 2011 construction period, the Company was able complete 39 miles of leak prone main replacement out of the anticipated 40 miles. The Company exceeded its FY 2011 high/ pressure, bare/steel service replacement goal of 2,125 by replacing 2,182 services..

For FY 2011, National Grid exceeded the approved targeted spending level for the ARP by approximately \$1.6 million or 6%. The Company provides and explanation for spending variance for each category of work in the FY 2011 Report. As the FY 2011 Report illustrates, the Company's actual FY 2011 ARP Program costs were approximately \$28.3 million, which includes approximately \$1.6 million for recovery through the upcoming Distribution Adjustment Charge ("DAC") filing.

This report closes out the ARP program which is superseded by National Grid's Proposed FY 2012 Gas Infrastructure, Safety, and Reliability (ISR) Plan Docket 4219.

Thank you for your attention to this transmittal. If you have any questions, please call me at (401) 784-7667.

Very truly yours,

The Tuchon

Thomas R. Teehan

Enclosures

cc: Leo Wold, Esq. Steve Scialabba, RI Division of Public Utilities and Carriers National Grid FY 2011 Annual Accelerated Replacement Program Report For the Period April 1, 2010 – March 31, 2011

## I. <u>Introduction</u>

In Docket 3943 the Commission approved an Accelerated Replacement Program ("ARP"), which allows National Grid ("the Company") a rate adjustment to the extent that its capital replacement costs for certain prescribed facilities<sup>1</sup> are incremental to the amount included in base rates. This FY 2011 ARP Annual Report ("FY 2011 Report") provides the Commission with the Company's second annual report for this program, and sets forth National Grid's actual ARP program expenditures for the period April 1, 2010 – March 31, 2011. In addition, the FY 2011 Report establishes the incremental capital expenditure the Company will seek recovery of as part of its November 1, 2011 Distribution Adjustment Charge ("DAC"). This DAC filing will be made August 1, 2011. The compliance schedule and calculations set forth in the FY 2011 Report are consistent with the Commission's June 25, 2009 Order No. 19719 in Docket 3943.

To facilitate the Commission's review of the Company's FY 2011 ARP activities, this Report includes several sections and supporting attachments. Section II provides an overview of the Company's ARP program, including a timeline and comparison of both the planned and actual FY 2011 APR program activity. Section III describes the ARP program changes during the FY 2011 construction season. Section IV addresses the ARP program's historic performance and lessons learned. Section V concludes the FY 2011 ARP Report.

The following is a list of supporting attachments:

- Attachment 1 FY 2011 Estimated vs. Actual ARP Project Summary
- Attachment 2 FY 2011 MRP Project Detail
- Attachment 3 FY 2011 Project Variance
- Attachment 4 FY 2011 ARP Program Performance

## II. FY 2011 ARP Program Overview

The Company's FY 2011 ARP Program costs were established as part of the Company's Final ARP filing dated July 9, 2010, which was subsequently approved by the Commission on

<sup>&</sup>lt;sup>1</sup> Approximately \$3.3M of the ARP-recoverable expenditures paid during FY 2011 are associated with carry-over expenditures, including final restoration, paving and pre-engineering costs, which are associated with either FY 2010 or FY 2012 ARP projects. These types of carry-over expenses are expected to be incurred each year on a rolling basis, so the Company proposes inclusion within the year these types of carry-over expenses are paid to remain current and minimize any accruals.

August 26, 2010. At that time, National Grid proposed a total targeted investment amount for FY 2011 of \$26.7 million, which was broken down into the following components:

- MRP Program Estimated main replacement costs and associated non-high pressure service replacement costs \$22.8 Million to install approximately 40 miles of new main at \$108 / ft.; and
- SRP Program Estimated bare-steel, high-pressure, inside service replacement costs \$3.9 million to install 2,125 sets at \$1,825 / unit.

Since that time, the Company has provided the Commission and Division with monthly ARP tracking reports designed to update Staff on its progress, including any additions, subtractions or changes in project scope that occurred during the FY 2011 construction season. Over the last several years the Company has met with the Division to discuss (1) an overview of the program, including spending and units, (2) an update on the Company's revised unit cost estimates based on actual data, (3) a method for illustrating variances between actual and estimated projects costs / units, (4) a review of the MRP project selection process, and (5) a discussion of the ARP Final Report elements set forth herein. The Company also explained its plans for including ARP-related program costs incurred during FY 2011 for projects begun in a previous period (e.g., final FY 2010 ARP-project related paving and restoration costs paid during FY 2012). Lastly, the Company explains certain lessons learned during the FY 2011 period that may influence future Gas Infrastructure, Safety and Reliability (ISR) program filings (which going forward replaces the ARP filings) as further described in Section IV, below.

The Company's actual program expenditures for the FY 2011 period are as follows:

- Actual main replacement costs and associated non-high-pressure service replacement costs \$23.8 Million to install approximately 39 miles of new main at \$116 / ft.<sup>2</sup> which is 7.4 percent higher than estimated; and
- Actual high pressure inside service replacement costs \$4.4 Million to install approximately 2,182 units at \$2,025 / unit, which is 11.0 percent higher than estimated.<sup>3</sup>

The following is a description of the enclosed attachments.

Attachment 1 summarizes the Company's actual versus estimated ARP program costs and units broken down between the MRP and SRP programs.

<sup>&</sup>lt;sup>2</sup> The estimated main replacement unit cost used in the FY 2012 ISR Plan filing is \$108 per foot, or 7.4 percent lower than actual run rates for the FY 2011 ARP percent.

<sup>&</sup>lt;sup>3</sup> The estimated service replacement unit cost used in the FY 2012 ISR Plan filing is \$2,136 per service, or 5.5 percent higher than actual run rates for the FY 2011 ARP.

**Attachment 2** provides the Company's year-end FY 2011 MRP Project Detail in similar format to its monthly filings. Page 1 of Attachment 2 provides a summary-level view of the status of each project broken down between (1) MRP Projects Carryover from FY 2010, (2) MRP projects implemented during FY 2011 and (3) MRP projects initially planned for FY 2011 but deferred

until FY 2012. The remainder of the Attachment shows MRP project details for completed projects.

Attachment 3 has been prepared to assist the Commission in understanding differences between the estimated and actual project costs. These "variance reports" are for each project where either the actual costs or footage exceeded the estimated costs or footage by greater than 50 percent. For FY 2011, eighteen projects met this criteria.

**Attachment 4** has been prepared to summarize the FY 2011 ARP Program Performance relative to the following program metrics:

**Program Targets:** 

- 1) Miles of plastic mains and number of plastic services installed during program year compared to baseline
- 2) Miles of bare steel and cast iron mains abandoned
- 3) Number of bare steel and cast iron services abandoned

Safety Enhancements:

- 1) Number of full seal repair clamps eliminated steel compared to baseline
- 2) Number of outstanding leaks eliminated

Program Costs:

- 1) Total Program Costs (loaded) by following categories:
  - Main Replacement Bare Steel
  - Main Replacement Small Diameter & High Risk Cast Iron
  - Service Replacements for Bare Steel Main Replacement
  - Service Replacement Program for Bare Steel High Pressure Inside Sets
- 2) Actual vs. estimated cost per mile of new plastic main installed
- 3) Actual vs. estimated cost per unit of new service installed

## III. ARP Program Changes During FY 2011 Construction Season

The implementation rate of the SRP program, which initially targeted the replacement of 2,125 Bare Steel H.P. Inside Sets ("Sets") per year for a total of 8,500 Sets over a four-year period, is fairly dynamic. While the Company is committed to replacing all 8,500 at risk Sets, it has found that the actual pace of work, which was quicker than initially anticipated, is dependent on several key factors, including work force availability (driven in part by MRP replacement work and labor

agreements), "fly-up" leak work (i.e., emergency leak calls requiring immediate replacement of at risk Sets), refined unit costs, and time of year. As such, on July 9, 2010, the Company proposed modifications to its approved FY 2011 Plan to shift \$2.9 million from the Service Replacement Program to the Main Replacement Program, while leaving the approved ARP funding level the same.

## IV. ARP Program Historic Performance and Lessons Learned

During the FY 2011 construction period, the Company was able to replace 39 miles of leak prone main, of the 40 miles identified in its FY 2011 work goals, while actual costs exceeded program estimates by \$1.05 million. A brief review of Attachment #3, shows that these 18 projects on average, were 80 percent more costly than estimated, while adding approximately 29 percent more footage than anticipated. Additionally, the Company replaced 2,182 high pressure, bare steel services, exceeding its goal of 2,125 service replacements. Actual total cost for the service replacements was \$539,000 higher than estimated. The actual cost was higher than forecast due to the additional number of service replacements performed and higher than estimated unit cost resulting from the complexity of jobs remaining in inventory. As National Grid moves forward, the ARP program remains on target for reducing the relative risk associated with this leak- prone pipe. Attachment 4 has been prepared to help illustrate the progress and effort National Grid is making to reduce the relative risk associated with its aging bare steel and cast iron infrastructure.

During the FY 2011 ARP Program year, main and service replacement unit costs have been increased by expanding municipal permitting requirements, including permit requirements for grind & inlay, curb to curb, and one-half roadway minimum restorations. Going forward, these cost drivers will inform future ISR Program filings, costs, and implementation schedules

## V. <u>Conclusion</u>

During the FY 2011 construction period, the Company was able complete 39 miles of leak prone main replacement out of the anticipated 40 miles and exceeded its 2,125 goal by replacing 2,182 of high-pressure, bare-steel inside services based on its FY 2011 work goals. For FY 2011, National Grid exceeded the approved targeted spending level by approximately \$1.6 million or six percent, due to a higher-than-expected per unit costs and an increased level of service replacements. As the FY 2011 Report illustrates, the Company's total actual FY 2011 ARP Program costs were about \$28.3 million, which will be included for recovery through the upcoming Distribution Adjustment Charge filing. The Company's experience implementing the ARP program provides a valuable knowledge base for future Gas ISR Plan filings.

#### National Grid - Rhode Island - Gas FY 2011 Annual ARP Report Main and Service Replacement Program Expenses Actual vs. Estimate

		А	В	С	D
Line No.	Main Replacement Program (MRP)				
		Actual \$	Estimated \$ 3/	Actual Units	Estimated Units 3/
1	FY 2011 Projects 1/	\$20,525,933			
2	FY 2010 and FY 2012 Related MRP Projects 2/	\$3,323,141			
3	MRP Subtotal	\$23,849,075	\$22,809,600	39 Miles	40 Miles
4	Unit Costs			\$116/ft	\$108/ft

	Service Replacement Program	(SRP)				
			Actual \$	Estimated \$ 3/	Actual Units	Estimated Units 3/
6	Cumberland Yard		\$961,960			
7	Providence Yard		\$3,455,580			
8	SRP Subtotal		\$4,417,540	\$3,878,125	2,182	2,125
9		Unit Costs			\$2,025/unit	\$1,825
10	Total ARP Program		\$28,266,615	\$26,687,725		

#### NOTES:

1/ See Attachments 2A and 2B for FY 2011 MRP project details.

2/ These costs reflect ARP-recoverable carry-over expenditures, including final restoration, paving, fitting and pre-engineering costs associated with either the FY 2010 or FY 2012 ARP projects that have been paid in FY 2011. These types of carry-over expenses are expected to be incurred each year on a rolling basis, so the Company proposes inclusion within the year they are paid.

3/ Per Company's July 9, 2010 Request to Modify Accelerated Replacement Program - FY 2011 Docket 4034 National Grid Gas.

#### National Grid - Rhode Island - Gas Accelerated Replacement Program Mains and Associated Services Replacement Summary of Year-End Results

	F I 2011	viki i i ojecis summa	iiy - Carryover ii	01111120101/							
_			-		A	В	С	D	E	F	G
					Data						
						Sum of Planned	Sum of Footage	Sum of Total			
						Relay/ Insert	Complete to Date	Estimated Loaded	Sum of FYTD	Sum of Remaining	g Sum of Projected
]	Fiscal Ye	Items2	Reactive/Proactiv	Work Order Status	Count of Iten	n Footage 2/	3/	Cost	Spend	Spend	Year End Spend
1	2010	Carryover from 2010	Proactive	Fcomp	6	13,895	7,569	\$4,563,640	\$632,230	-\$1	\$632,229
2			Proactive Total		6	13,895	7,569	\$4,563,640	\$632,230	-\$1	\$632,229
3	Grand To	otal			6	13,895	7,569	\$4,563,640	\$632,230	-\$1	\$632,229
4					Mileage	2.6	1.4				

#### 6 7 FY 2011 MRP Projects Summary - Implemented

9					Data						
						Sum of Planned		Sum of Total			
						Relay/ Insert	Sum of Footage	Estimated Loaded	Sum of FYTD	Sum of Remaining	Sum of Projected
0 <b>F</b>	iscal Ye	Items2	Reactive/Proactive	Work Order Status	Count of Item	Footage	Complete to Date	Cost	Spend	Spend	Year End Spend
1	2011	Filed Projects	Proactive	Fcomp	66	145,668	150,630	\$15,895,543	\$15,348,043	-\$2	\$15,348,041
2				Inprg	1	1,718	1,195	\$200,030	\$89,563	\$0	\$89,563
3			Proactive Total		67	147,386	151,825	\$16,095,573	\$15,437,606	-\$2	\$15,437,604
4				Fcomp	1	748	872	\$64,620	\$98,423	\$0	\$98,423
5			Reactive Total		1	748	872	\$64,620	\$98,423	\$0	\$98,423
6		Added Projects	Proactive	Awper	3	1,130	1,332	\$146,600	\$26,150	\$0	\$26,150
7				Fcomp	23	30,235	32,410	\$3,576,805	\$3,235,401	-\$1	\$3,235,400
8				Inprg	1	6,688	3,890	\$658,480	\$303,974	\$0	\$303,974
9				Wsched	4	1,425	0	\$208,625	\$5,250	\$0	\$5,250
0			Proactive Total		31	39,478	37,632	\$4,590,510	\$3,570,776	-\$2	\$3,570,774
1			Reactive	Fcomp	12	6,320	4,939	\$780,615	\$672,709	-\$2	\$672,707
2			Reactive Total		12	6,320	4,939	\$780,615	\$672,709	-\$2	\$672,707
3 G	rand T	otal			111	193,932	195,268	\$21,531,318	\$19,779,514	-\$6	\$19,779,508
4					Mileage	36.7	37.0				

5

## 25 26 27 FY 2011 MRP Projects Summary - Deferred to FY 2012 4/ 28

al Ye 2012	Itoms?			Sum of Pl						
	Itome?			Sum of Fi	anned		Sum of Total			
	Itome?			Relay/ Ins	ert	Sum of Footage	Estimated Loaded	Sum of FYTD	Sum of Remaining	Sum of Projected
2012	1001132	Reactive/Proactiv	Work Order Status	Count of Item Footage		Complete to Date	Cost	Spend	Spend	Year End Spend
	Deferred Filed Project	Proactive	Awper	1	460	0	\$63,400	\$4,263	\$0	\$4,263
			Dispatch	2	4,204	3,522	\$460,360	\$36,831	\$0	\$36,831
			Wsched	29	32,714	613	\$3,574,255	\$65,275	\$3	\$65,278
		Proactive Total		32	37,378	4,135	\$4,098,015	\$106,369	\$3	\$106,372
	Deferred Added Proj	Proactive	Awper	1	601	0	\$76,297	\$0	\$0	\$0
			Wsched	2	921	0	\$102,285	\$7,821	-\$1	\$7,82
		Proactive Total		3	1,522	0	\$178,582	\$7,821	-\$1	\$7,820
and To	otal			35	38,900	4,135	\$4,276,597	\$114,190	\$2	\$114,192
				Mileage	7.4					
nd T	otal MRP Costs Incur	red during FY 20	11	Totals	207,827	206,972	\$21,531,318	\$20,525,933	-\$4	\$20,525,929
				Mileage	39.4	39.2				
	nd To	Deferred Added Proj	Proactive Total Deferred Added Proj Proactive Proactive Total nd Total	Proactive Total Deferred Added Proj Proactive  Wsched Proactive Total	Proactive Total     32       Deferred Added Proj     Proactive     Awper     1       Wsched     2       Proactive Total     3       nd Total     35	Proactive Total     32     37,378       Deferred Added Proj     Proactive     Awper     1     601       Wsched     2     921       Proactive Total     3     1,522       and Total     35     38,900       Mileage     7.4	Proactive Total         32         37,378         4,135           Deferred Added Proj         Proactive         Awper         1         601         0           Wsched         2         921         0 </th <th>Proactive Total         32         37,378         4,135         \$4,098,015           Deferred Added Proj         Proactive         Awper         1         601         0         \$76,297           Wsched         2         921         0         \$102,285         \$1,522         0         \$102,285           Proactive Total         3         1,522         0         \$107,857         \$4,276,597           Mileage         7.4         35         38,900         4,135         \$4,276,597           Mileage         7.4         \$4,276,597         \$4,276,597         \$4,276,597         \$4,276,597</th> <th>Proactive Total         32         37,378         4,135         \$4,098,015         \$106,369           Deferred Added Proj         Proactive         Awper         1         601         0         \$76,297         \$00           Wsched         2         921         0         \$106,369         \$106,369           Proactive Total         3         1,522         0         \$178,582         \$7,821           and Total         35         38,900         4,135         \$4,276,597         \$114,190           Mileage         7.4         \$106,369         \$114,190         \$114,190</th> <th>Proactive Total         32         37,378         4,135         \$4,098,015         \$106,369         \$3           Deferred Added Proj         Proactive         Awper         1         601         0         \$76,297         \$00         \$00           Wsched         2         921         0         \$102,285         \$7,821         -\$11           Proactive Total         3         1,522         0         \$178,582         \$7,821         -\$11           and Total         35         38,900         4,135         \$4,276,597         \$114,190         \$22           Mileage         7.4         S4,276,597         \$114,190         \$2         \$4,276,597         \$114,190         \$2</th>	Proactive Total         32         37,378         4,135         \$4,098,015           Deferred Added Proj         Proactive         Awper         1         601         0         \$76,297           Wsched         2         921         0         \$102,285         \$1,522         0         \$102,285           Proactive Total         3         1,522         0         \$107,857         \$4,276,597           Mileage         7.4         35         38,900         4,135         \$4,276,597           Mileage         7.4         \$4,276,597         \$4,276,597         \$4,276,597         \$4,276,597	Proactive Total         32         37,378         4,135         \$4,098,015         \$106,369           Deferred Added Proj         Proactive         Awper         1         601         0         \$76,297         \$00           Wsched         2         921         0         \$106,369         \$106,369           Proactive Total         3         1,522         0         \$178,582         \$7,821           and Total         35         38,900         4,135         \$4,276,597         \$114,190           Mileage         7.4         \$106,369         \$114,190         \$114,190	Proactive Total         32         37,378         4,135         \$4,098,015         \$106,369         \$3           Deferred Added Proj         Proactive         Awper         1         601         0         \$76,297         \$00         \$00           Wsched         2         921         0         \$102,285         \$7,821         -\$11           Proactive Total         3         1,522         0         \$178,582         \$7,821         -\$11           and Total         35         38,900         4,135         \$4,276,597         \$114,190         \$22           Mileage         7.4         S4,276,597         \$114,190         \$2         \$4,276,597         \$114,190         \$2

#### NOTES:

1/ Reflects MRP projects from FY 2010 completed during FY 2011.

2/ Reflects estimated footage to be replaced upon project design.

3/ Reflects actual footage completed and paid for as of 3/31/11.

4/ Reflects MRP projects initially planned for cosntstruction during FY 2011 but deferred to FY 2012 due to scheduling conflicts.



Items Pro		cactive/P reactive Division	Fiscal Year	Work Order	Main PowerPlant WO#	Service Power Plant WO#	Date of change	Municipality	Location / Street	Project Limits	Exst Exst Diameter Material	YOI System ressu	Relay Diameter	Planned Rel Insert Foota	lay/ Ah	nandon #	of vices Estimated Loaded Ma	Estimate Loaded	1 <u>Total</u> <u>Estimated</u> st Loaded Cost	AVG LCost/	Footage Complete to	Substantial Completion Data	FYTD Spend	Scope Changes Remaining	S Varian From C Year End	ce (+/-) % olumn Variance F (+/-) From
				Status			change				Diameter Material		Diameter	Insert Foola	ige Fo	otage Serv	Cost	Service Co	st Loaded Cost	Foot	Complete to. Date	Completion Date Spending		Spend	Spend	From Column
1C 2C 3C	536 Pr	roactive	2010 2010 2010	Fcomp Fcomp Fcomp	9000092205 900094553 9000092593	9000092206 9000094554 9000092594	4	East Providence North Providen	Gough Ave Hilton, Palmer area Douglas		2 BS 2 BS 6 CI	1968 High 1946 High 25 1930 Low	1	2 1,0 2 3,4 2 1,4	482	1,050 3,402 1,970	12 \$84,52 51 \$391,23 8 \$119,30	00 \$36,225) 00 \$76,500) 00 \$51,129)	00 \$120,750 00 \$467,730 00 \$170,430	\$115.00 \$137.49 \$115.00	430 3605 0	04/16/2010 \$ 187,670.97 \$ 112,546.53 \$ 293,978.30	\$ 107,263.8 \$ 159,789.1 \$ 115,663.1	(\$13,486.00) \$ (\$307,941.00) \$ (\$54,767.00) \$ (\$	0 \$ 107,264 \$ 0 \$ 159,789 \$ 3 0 \$ 115,663 \$	13,486 07,941 54,767
4C 5C	4 Pr	roactive	2010 2010	Fcomp	9000089802	9000089804	6	Warwick Warwick West Warwick	Governor Francis Farm Ph 2 Sandy Lane Sewer West St		2 BS 2 BS	1945 High 1949 High 35		2 2,5	577 358	2,577 2,358	152 \$1,953,525 74 \$554,990	00 \$837,225) 00 \$111,000	00 \$2,790,750 00 \$665,990	\$125.00	2035 1499	04/06/2010 \$1,181,238.65 05/14/2010 \$ 235,324.71	\$ 128,879.2 \$ 120,634.5	) *********** \$ (0 1 (\$545,356.00) \$ (	) \$ 128,879 \$ 2,6 ) \$ 120,634 \$ 5	61,871 545,356
1	566 Pr 568 Pr	roactive Providence roactive Providence	2010 2011 2011	Fcomp Fcomp Fcomp Fcomp Fcomp	9000093435 See 9000092205 9000093251 9000093552	9000093436 See 9000092200 9000093252 9000093553	2	Newport Newport	Kay St & Hunter Vaughn St , Morton, Bateman		4 CI 2 BS/CI			2 2,5 2 2,3 2 3,0 6 1,6 6 2,5	614 544	2,577 2,358 3,026 1,614 2,544	20 \$145,260 23 \$228,960	00 \$40,000 00 \$46,000	00 \$170,430 00 \$2,790,750 00 \$665,990 00 \$347,990 00 \$185,260 00 \$274,960	\$115 \$108	1632 2364	04/27/2010 07/26/2010	\$ 234,008.0 \$ 285,823.8	\$10,864.00 \$	5 0) \$ 234,008 \$ ( 1 \$ 285,824 \$ (	(48,748) -26% (10,864) -4% (19,507) -30%
3		roactive Providence roactive Providence	2011 2011 2011			9000093095 9000093102 9000093105	9	Newport Newport	Bymes Ct/McAllister Dixon St Goodwin	Spring to Thames Spring to Thames Thames to Kinwing 5th	1.25 BS 4 CI	1909 Low 1932 intermed 1911 Low		6 4	479 721 225	763 1,182 225				\$136 \$140 \$144	531 740	04/15/2010 04/08/2010 01/02/2010	\$ 84,616.8 \$ 141,547.7 \$ 72,730.7	\$ 19,507.00 \$ \$40,658.00 \$ \$24,581.00 \$		
6	574 Pr 576 Pr	roactive Providence roactive Providence roactive Providence	2011 2011	Fcomp Fcomp	900093101 900093101 900093107 900098947 900092749	9000093108 9000093884 9000092751	4	Newport Bristol Newport	Goulart St Record St	Thames to Kirwins 5th State to Mt Hope Warner to Channing	4 CI 1.5" BS	1905 Low		6 9	992 163	992 263	11 \$99,200 2 \$14,670	00 \$22,000 00 \$4,000	0 \$100,890 0 \$100,890 0 \$48,150 0 \$121,200 0 \$18,670	\$122 \$115	480 215	07/08/2010 04/16/2010	\$ 178,371.9 \$ 18,960.8	\$57,172.00 \$ \$291.00 \$	\$ 178,372 \$ ( \$ 18,961 \$	(57,172) -47% (291) -2%
8 9	577 Pr 578 Pr	roactive Providence roactive Providence	2011 2011 2011	Fcomp Fcomp Fcomp	9000096490	9000096492 9000093285 9000098745	5	Newport Newport	Thames St Old Fort Kingston, Pearl, Shiloh, Stewart	Farewell to Washington Carrol to Ruggles	6 CI 4 CI	1908 Low 1920 low	4	8 2,4 2 4,0 6 1,5		2,472 4,064 1,596 556				\$122 \$99	2505 2558 1767	06/23/2010 04/26/2010 05/14/2010	\$ 691,224.3 \$ 299,661.4 \$ 330,920.8	\$388,744.00 \$ 0 (\$102,099.00) \$ 0 \$113,281.00 \$		
10	585 Pr	roactive Providence roactive Providence	2011 2011 2011 2011	Fcomp Fcomp	9000093284 9000096364 9000093104 9000093907	9000093285 9000099748 9000093102 9000093102	5	Newport Johnston	Sentian Circle	Thames to Spring Cherry Hil to #14 Sentian	2 BS	1940 Low 1940 Low 1960 High 35		6 5 2 8	556 815	815	5 \$50,040 14 \$61,125	00 \$10,000. 00 \$28,000.	00 \$401,760 00 \$217,640 00 \$60,040 00 \$89,125	\$99 \$136 \$108 \$109	564 817	04/16/2010 06/08/2010	\$ 73,701.2 \$ 85,237.4		0 \$ 75,701 \$ ( 0 \$ 85,237 \$	3,888 4%
13	606 Pr	roactive Providence roactive Providence roactive Providence			9000094426 9000094939 9000098568	9000094423 9000094940 9000098574	7	Johnston Newport Warwick	Kem Acre Dr Nicol and Dodge Ladd St	Cherry Hill to Olivia Newport to Warner Post to Marlborough Post to Ladd	2 BS 1.5 BS 2 BS	1962 High 35 1912 Low 1929 High 35		2 8	370	878 370 393	12 \$65,850	00 \$24,000	0 \$89,850 0 \$49,200		972 372 3554	05/10/2010 04/29/2010 09/29/2010	\$ 75,073.2 \$ 43,053.2 \$	(\$14,777.00) \$ (0 (\$6,247.00) \$ (0 \$ (\$7,335.00) \$		14,777 16% 6,247 13% 57,335 100%
16 16	617b Pr 617c Pr	roactive Providence roactive Providence	2011 2011 2011 2011	Fcomp Fcomp	9000098568 9000098568 9000098568	9000098574 9000098574 9000098574	4	Warwick Warw/E. Green	Williams and Blackmore Duane, Division, Wine, Bicknell	Post to Ladd	2 BS 2 BS	1929 high 35 1929 High 35	2,	4 1,5	580 354	1,580	20 \$150,10 19 \$135,400	00 \$40,000	00 \$190,100 00 \$173,400	\$120		09/24/2010 08/13/2010	\$ \$ 308,055.9		\$ - \$ 1 \$ 308,056 \$ (1	6,247 13% 57,335 100% 190,100 100% 134,656) -78%
16 16	617e Pr	roactive Providence roactive Providence roactive Providence			9000098571 9000098571 9000091324	9000098576 9000098576 NEED	6	E. Greenwich E. Greenwich	Duke and Exchange Long, London, Duke, N. Marlbor West Nurrospacest		2 BS 2 BS 4 CI	1929 High 35 1929 High 35 Low	2,	2 4 1,8	480	480 1,897 722	26 \$180,215	00 \$52,000	00 \$67,600 00 \$232,215 00 \$67,080		2931	10/04/2010 10/09/2010 02/11/2010	\$ 344,388.7 \$ . \$ 100,068.3	\$ 276,789.00 \$ \$ (232,215.00) \$ \$ 27,988.00 \$	\$ - \$ 2 \$ - \$ 2	
18	249 Pr 399 Pr	roactive Providence roactive Providence	2011 2011 2011 2011 2011	Fcomp Fcomp	9000068325 9000068325 9000092433 9000088327	9000068326 9000092434	6	East Greenwich Providence	West Narragansett Queen St. at Water St. Woodbine	High St., south to #45 Water St. Ivy St	2 BS 4 CI	1944 High 1899 Low		2 4	460	460 375	4 \$39,100 7 \$28,12	00 \$8,000. 00 \$14,000. 00 \$24,000.	00 \$47,100 00 \$42,125	\$191 \$122 \$110 \$102 \$112 \$120	1079	05/03/2010 11/01/2010	\$ 93,163.6 \$ 39,277.0 \$ 87,535.7	\$ 46,064.00 \$ \$ (2,848.00) \$ (0	1         \$         93,164         \$         ()           1         \$         93,164         \$         ()           1         \$         93,164         \$         ()           1         \$         93,164         \$         ()           1         \$         93,164         \$         ()           1         \$         93,164         \$         ()           1         \$         39,277         \$         \$           1         \$         87,536         \$         ()	132,215         100%           (32,988)         -49%           (46,064)         -98%           2,848         7%
20 22	289 Pr	roactive Providence roactive Providence roactive Providence	2011 2011 2011	Fcomp	9000088327 9000071081 9000075818	9000088325 9000071084 NEED	9 7/28/09	9 Providence Warwick Warwick	Larch West Natick Rd. Long St., Asylum Rd, Area	Ivy St Bald Hill Rd. to Greenwich Ave. Bakers Creek Rd. to Keeley Ave	4 CI 6 BS	1899 Low 1964 High 1951 High	24	6 2,0 6 2,0 6 5,3	529 000	529 2,000 5,380	8 190,0	0 \$16,000	206000	103	563 2396	10/29/2010 05/03/2010 06/02/2010	\$ 87,535.7 \$ 180,925.4 \$ 475,963.2	\$ 23,861.00 \$ \$ (25,075.00) \$ (0 \$ (200.027.00) \$	1 \$ 87,536 \$ ( 1) \$ 180,925 \$ 1) \$ 475,967 \$ 2	(23,861) -37% 25,075 12% 208,037 30%
29 30	542 Ra 332 Pr	eactive Providence roactive Providence	2011 2011	Fcomp Fcomp Fcomp	900092028 900092028 9000087203 9000096729	9000092025 9000087204 9000087204	9	East Providence	Grosvenor and N County	Hartford Ave. to Barden	6 BS 6 CI	1957 Low 1912 Low	-01	6 1	748	748	8 \$48,620 3 \$11,475	00 \$16,000	00 \$64,620 00 \$64,620 00 \$17,475 00 \$37,465.00	\$86 \$129	872 287	06/17/2010 12/01/2010	\$ 98,422.7 \$ 23,045.4	\$ 33,803.00 \$ \$ 5,569.00 \$ (	\$ 98,423 \$ ( ) \$ 23,044 \$	(33,803) -52% (5,569) -32%
32 33	403 Pr	roactive Providence roactive Providence roactive Cumberland	2011 2011	Fcomp Fcomp Fcomp	9000088372	9000096731 9000088374	4	Providence East Providence Providence Cumberland	Pine Crest Dr Colonial Rd James McKey Way and Bill	Summit to Camp Martins St	2 BS 4 CI	1947 High 25 1923 Low 1925 High 60		6 1	361 772	361 772 708	7 \$23,465 16 \$57,900 - \$46,020		00 \$37,465.00 00 \$89,900 00 \$46,020.00		368 757	07/16/2010 11/11/2010 11/10/2010	\$ 43,033.9 \$ 83,858.3	\$ 5,569.00 \$ \$ (6,042.00) \$ (0 \$ (10,950.00) \$ (0	0 \$ 43,034 \$ 0 \$ 83,858 \$	(5,569) -15% 6,042 7% 10,950 24%
35 39		roactive Providence roactive Providence	2011 2011 2011	Fcomp Fcomp Fcomp Fcomp	900098991 900095553 9000089877 9000094800	9000095554 9000089878 9000094801	4	Warwick Warwick	Gorton Lake & Birchglen Ogden, Ridge, burnett		2 BS 2 BS 2 BS	1925 High 80 1938 High 35 1949 High 35		2 1,2 2 1,1	540 161	1,530	16 \$115,500 20 \$87,075	00 \$32,000	00 \$147,500 00 \$147,500 00 \$127,075 00 \$49,470	\$96 \$109	1560	08/11/2010 05/21/2010	\$ 56,702.7 \$ 125,373.5	\$ (10,93000)         \$ (0           \$ (90,797.00)         \$ (0           \$ (1,702.00)         \$ (0           \$ \$ 55,806.00         \$ (0	1 \$ 353070 \$ \$ 56,703 \$ 1 \$ 125,373 \$ 0 \$ 105,276 \$ ((	90,797 62% 1,702 1% (55,806) -113%
42	459 Pr	roactive Providence roactive Providence roactive Providence			9000094800 9000095935 9000092032	9000094801 9000095936 9000092033	6	Newport Providence East Providence	County St	Broadway to Union Ledge to Milan	2 BS 4 CI	1911 Low 1913 Low 1948 Intermed		6 4 6 2,1 2 1,8	48.5	48.5	67 \$229,670	00 \$6,000) 00 \$134,000) 00 \$42,000)	363,670	\$102 \$135 \$98	440 3001	05/07/2010 09/15/2010	\$ 105,276.1 \$ 385,733.1 \$ 254,062.5	\$ 55,806.00 \$ ( \$ 22,063.00 \$ (		
45 46 47	440 Pr 524 Pr	roactive Providence roactive Providence roactive Providence	2011 2011 2011 2011 2011	Fcomp Fcomp	9000089586 9000089759	9000092033 9000089587 9000089760	5 7 0 5/21/09	East Providence Bast Providence Warwick	Maplewood , Barnsdale area Claire, Booth and Glen Airway, etc BEDLOW PL	Airway, Pell, Vanderbuilt area	2 BS 2 BS 2 BS	1948 Internies 1924 High 1949 High		2 1,6	637 532	1,907 6,532	44 \$106,400 84 \$489,900	00 \$88,000	00 \$194,405 00 \$194,405 00 \$657,900 00 \$42,490	\$119 \$101	1640	11/23/2010 08/26/2010	\$ 160,264.2 \$ 587,792.9	S (34,141.00) S (0 S (70,107.00) S (1 S (5,330.00) S (1	0 \$ 160,264 \$ \$ 587,793 \$	(22,063) -6% (76,088) -43% 34,141 18% 70,107 11% 5,330 13% (1,924) -8% (1,803) -1% (85,784 22% (4,037) -3%
48	612 Pr 586 Pr	roactive Providence roactive Providence	2011 2011	Fcomp Fcomp	9000096103 9000093549 9000088593	9000096104 9000093550	4	Johnston	Capri Dr	Bedlow Ave to #11 Bedlow Cherry Hill to #10 Capri	3 BS 2 BS	1927 Low 1959 High 35		6	361 300	361 300	1 \$22,50	00 SZ(000)	30 \$24,500	\$118 \$82 \$121	368 375	04/09/2010 12/01/2010	\$ 37,159.6 \$ 26,423.8	\$ 1,924.00 \$	\$ 37,160 \$ \$ 26,424 \$ 0 \$ 136,063 \$	5,330 13% (1,924) -8%
57 58	614 Pr	roactive Providence roactive Providence roactive Providence	2011 2011 2011 2011 2011 2011	Fcomp Fcomp Fcomp	900093660 900095950	9000088594 9000093661 9000095951	4 5/15/05 1	9 Newport Warwick Cranston	Anthony, Pope & West Post Rd Saverio and Libera	Roseland to Rosewood	2 BS 6,2 BS 2,6 BS	1920 Low 1928 High 35 1957 High 99 1955 High 25	8,6,4,	6 1,1 2 10,5 4 1,3	913	1.537	104 \$1,582,385 15 \$87,750	00 \$30,000)	00 \$1,790,385 00 \$117,750	\$164	13819	09/07/2010 05/13/2010	\$ 136,063.4 \$ 1,404,601.1 \$ 121,787.3	\$ 1,805.00 \$ 0 \$ (385,784.00) \$ 0 \$ 4,037.00 \$ 0	0 \$ 1,404,601 \$ 3 0 \$ 121,787 \$	(1,803) -1% 185,784 22% (4,037) -3%
59 60	537 Pr 567 Pr	roactive Providence roactive Providence	2011	Fcomp	9000094501 9000094618	9000094504 9000094621	4	Cranston East Providence Johnston	Saverio and Libera Becker Atwood Ave	Legion to #126 Becker Alcar	2 BS 8,2 BS	1959 High 35		4 1,2 2 8 8 2,3	337	821 2,337 2,400	6 \$53,365 18 233,700	00 \$12,000 00 36,000	00 \$65,365 00 269,700.00 00 \$278,000	\$80 115.40	690 2337	11/29/2010 10/16/2010	\$ 121,787.3 \$ 50,389.0 \$ 418,755.0	\$ 149,055.00 \$ (	0 5 418,/55 5 (1	(4,037) - 536 14,976 - 23% (49,055) - 55% 68,371 - 25%
63 64 66		roactive Providence roactive Providence roactive Providence	2011 2011	Fcomp Fcomp Fcomp	9000092586 9000095208 9000091972	9000092587 9000095205 9000091973	9	Warwick Cranston Barrington	Brentwood, Inman, Everglade Freehold Ave Bowden Ave		2 BS 2 BS 2 BS	1949 High 35 1966 High 35 1947 High 25		2 2,4 2 5 2 2,6	905 679	905 2.625	13 \$58,82 31 \$227,71	00 \$26,000) 00 \$62,000)	00 \$84,825 00 \$289,715	\$94 \$108	2301 1002 2189	05/14/2010 05/14/2010 08/02/2010	\$ 209,629.2 \$ 102,408.5 \$ 170,528.1	\$ 17,584.00 \$ \$ (119,187.00) \$ 0	\$ 102,409 \$ ( 0 \$ 170,528 \$ 1	68,371 25% (17,584) -21% (19,187 41%
67 69	602 Pr	roactive Providence roactive Providence	2011 2011	Fcomp Fcomp Fcomp	9000091810 9000094804 9000070180	9000091811 9000094806 9000070181	6/30/05	Barrington East Providence West Warwick	Wannisett, Planet And Vinter area Gough Ave & Ellison	Main Rd	2 BS 2,4 BS	1928 High 25 1967 High 35	2,	2 3,5 4 3 2 3,1		3,578 386 3,418	4 \$28,950	00 \$130,000	30 \$36,950	\$96	4276 390	04/02/2010 07/22/2010	\$ 238,689.6	\$ (123,880.00) \$ \$ 10,247.00 \$ (0 \$ (78,161.00) \$	\$ 238,690 \$ 1 \$ 47,197 \$ (	23,880 34% (10,247) -28%
70 72 73	333 Pr	roactive Providence roactive Providence roactive Providence	2011 2011 2011	Fcomp Fcomp Fcomp	9000087205	9000087206	1 6 1	Warwick Providence Cranston	Uphill, Homeland, Ormsby Putnam St Glen Hills and Evans Way	Atwells Ave to Kossuth St	2 BS 4 CI 3 BS	1949 High 1873 Low 1964 High 35		6 1,1 2 1,3	190 321	3,418 1,190 1,321	34 \$101,150	00 \$68,000	00 \$405,620 00 \$169,150 00 \$101,865	\$142	3376 1476 1194	06/08/2010 09/24/2010 06/25/2010	\$ 124,020.8 \$ 74,168.0	\$ (45,129.00) \$ \$ (27,697.00) \$	\$ 124,021 \$ 0 \$ 74,168 \$	78,161 19% 45,129 27% 27,697 27%
75 76	546 Pr 625 Pr	roactive Providence roactive Providence	2011 2011	Fcomp Fcomp Inprg Fcomp Fcomp	9000091818 9000096501 9000095793	9000091815 9000096502 9000095794	9	Barrington Warwick North Kingstown	Cottage st and Hamilton are Bellevue Ave Post Rd	Maple to Cady Warwick Aave to Astral	2 BS 2 BS	1924 High 25 1929 High 35		2 1,5 2 5 8 1,5	718	1,718 944 1,978	27 \$146,030 19 \$80,240	00 \$54,000	00 \$200,030 00 118240 00 \$225,800	\$116	1195 946	03/25/2010	\$ 89,563.1 \$ 140,189.5 \$ 303,012.8	\$ (110,467.00) \$ (0 \$ 21,950.00 \$ \$ 77,213.00 \$	0) \$ 89,563 \$ 1 \$ 140,190 \$ (	110,467 55% (21,950) -19% (77,213) -34%
77 80 81	619 Pr 591 Pr 604 Pr	roactive Providence roactive Providence roactive Providence	2011	Fcomp	9000094419 9000094831	9000094421	4	North Kingstown Coventry West Warwick	Knotty Oak Rd Clearland St	King Philip to 6890 Post Foster to Highwood	8 BS 6 BS 2 BS	1954 High 35 1964 High 35 1968 High 35		6 3,5	536 100	3,536	8 \$82.50	00 \$22,0003	0 \$140,240	\$96	2040 3561 1114	08/12/2010 11/10/2010 04/22/2010	5 284,878.6	S (55,361.00) S	5 303,013 5 ( 5 284,879 5 0 5 61,317 5	55,361 16% 37,183 38%
82 83	544 Pr	roactive Providence roactive Providence	2011 2011 2011	Fcomp Fcomp	9000098899 9000091790 9000094758	9000098900 9000091792 9000094755	0	Warwick Barrington	Longmeadow Warw Sewer Broadview and Devonshire Di Ponte Dr		2,3 BS 2 BS	1946 High 35 1958 High 25 1963 High 35	2,	4 22,0 2 1,4	060 459	22,060 1,459	297 \$1,213,300 14 \$124,015 9 \$54,375	00 \$594,000 00 \$28,000	00 \$1,807,300 00 \$152,015	\$82 \$104 \$100	22821 1409	10/25/2010 08/18/2010	\$ 1,778,641.8 \$ 112,539.4 \$ 69,108.5 \$ 845,032.5 \$ 110,034.5	\$ (28,658.00) \$ \$ (39,476.00) \$ (0	5 1,778,642 5 0 \$ 112,539 \$ 1 \$ 69,109 \$	28,658 2% 39,476 26% 3,266 5%
84 88 89	600 Pr 273 Pr 520 Pr	roactive Providence roactive Providence roactive Providence	2011 2011 2011	Fcomp Fcomp Fcomp	9000094758 9000065102 9000089157	9000094755 9000065136 9000089158	9 6 8	Johnston Newport Newport	Di Ponte Dr Ayrault St., Everett St., Mann Ave. Ars Pell, Greenough	Broadway to Catherine St.	2 BS 2,3,4 CI 2.5, 4 BS/CI	1900 Low	4,	2 7,1 6 7,1 6 1,6	123	123	9 \$54,375 114 \$539,550 25 \$144,000	00 \$18,000 00 \$228,000 00 \$50,000	00 \$72,375 00 \$767,550 00 \$194,000	\$100 \$107 \$121	725 6294 0	05/05/2010 04/08/2010 04/08/2010	\$ 69,108.5 \$ 845,032.5 \$ 11,034.5	\$ (3,266.00) \$ \$ 77,483.00 \$ \$ (182,966.00) \$	\$ 845,033 \$ (	3,266 5% (77,483) -10% (82,966 94%
90 91		roactive Providence roactive Providence roactive Providence		Fcomp Fcomp Fcomp	9000089567 9000091842 9000094859	9000089568 9000091843 9000094860	8 6/1/09 3	9 Tiverton Barrington	Lawton, Hillside, Seaconnet Middle Hwy area County and Old County	975'2", 2490'4"	2 BS 4,6,2 BS 6 BS	1940 intermes 1928 High 25 1917 High 35	2& 2,6,	4 3,4 8 10,2 8 5,5	465	3,465 10,000 5,524	24 \$259.874	00 \$48,000. 00 \$154,000. 00 \$70,000.	30 \$307 875	\$89 \$100 \$100	3505 11425	04/14/2010 08/20/2010	\$ 350,443.6 \$ 719,603.6 \$ 421,799.3	\$ 42,569.00 \$ \$ (309,046.00) \$ \$ (128,789.00) \$ 0	\$ 350.444 \$ 6	(42,569) -14% (09,046 30% (28,789 23%
92 93 94		roactive Providence roactive Providence roactive Providence	2011 2011 2011	Fcomp Fcomp Fcomp	9000094859 9000092290 9000091695	9000094860 9000092292 9000091696	2	Barrington Newport East Greenwich	County and Old County Touro St Greene St.,/ Prospect/Somerset	Washington Sq project	6 BS 6 CI 2 BS	1917 High 35 1940 Low 1929 High		8 5,5 6 5 2 1,6	524 520 637	5,524 520 1,637	35 \$480,58 7 \$46,80 33 \$139,14	00 \$70,000) 00 \$14,000) 00 \$66,000)	00 \$550,588 00 \$60,800 00 \$205,145	\$100 \$117 \$125	6051 491 1830	10/16/2010 05/12/2010 06/21/2010	\$ 421,799.3 \$ 279,710.9 \$ 308,025.9	\$ (128,789.00) \$ (0 \$ 218,911.00 \$ \$ 102,881.00 \$	0 \$ 421,799 \$ 1 1 \$ 279,711 \$ (2 1 \$ 308,026 \$ (1	28,789 23% 218,911) -360% 102,881) -50%
96 NA		roactive Providence roactive Providence	2011 2011 2011	Ecomp	9000093245	9000093247	7 6/1/09	Newport 9 Providence 9 East Providence	Collins Wickenden	Broadway to Dr Marcus Wheatlas 100' of 6" PE with 1 service	1.5 BS 3 CI	1954 Low 1855 Low 1958 Low		6 1	260 100	260 100	3 \$23,400	.00 \$6.000.	30 \$29,400	\$113	269 1666	12/13/2010 11/22/2010	\$ 68,900.5 \$ 788.4	\$ 39,501.00 \$ \$ (10,712.00) \$ (0		(39,501) -134%
NA	367 Pr 401 Pr 445 Pr	roactive Providence roactive Providence roactive Providence	2011 2011 2011	Wsched Fcomp Fcomp	9000065378 900090069 900092583 9000092199	N/A 9000090071 9000092584 9000092200	1 6/1/09 4	9 East Providence Providence Warwick	Greenwich Ave #102 Warrington Oberlin and Tomahwk	100' of 6" PE with 1 service Melrose	6 BS 4 CI 2 BS	1958 Low 1917 Low 1964 High 35		6 2	100 510 961	100 510 961	1 \$11,50 8 \$53,55 9 \$81,68	00 \$0) 00 \$2,000 00 \$16,000 00 \$18,000	0 \$13,500 0 \$69,550 0 \$99,685	\$115 \$135 \$136 \$104	0 525 1462	11/30/2010 04/27/2010	\$ 740.2 \$ 44,229.6 \$ 117,960.8	\$ (12,760.00) \$ (0 \$ (25,320.00) \$ \$ 18,276.00 \$	3         08,901         3         ()           0)         \$         788         \$           0)         \$         740         \$           1)         \$         44,230         \$           1)         \$         117,961         \$	10,712         93%           12,760         95%           25,320         36%           18,276)         -18%           54,977         70%           127,086         18%           87,684         39%           (29,311)         -26%           54,953         63%
NA	502 Pr 523 Pr	roactive Providence roactive Providence			9000092558	9000092555 9000089954 9000089552 9000089552	9 4 5/20/05	Providence 9 East Providence 9 East Providence	Wadmorth Streat		4 CI 2 BS	1907 Low 1930 High 25		6 4 2 6,1 2 1,8	492 145	492 6,145 1,865 700			00 \$78,580 00 \$692,875	\$160	499 6812	06/28/2010 11/18/2010	\$ 23,602.8	\$ (54.977.00) \$		54,977 70% 27,086 18%
NA	525 Pr 540 Ra 543 Pr	roactive Providence eactive Providence roactive Providence	2011 2011 2011 2011 2011 2011	Fcomp Fcomp Inprg	9000089953 9000089951 9000098197 9000091798	9000089552 9000098198 9000091795	2 5/20/09 8	9 East Providence Bristol Barrington	Woodhine Project Bart & Griffith Congregational St Nayatt, Cedar and Glen	Wood to High	2 BS 3 BS 6.2 BS	1958 intermed 1940 Low 1930 High 25	6.	2 1,8 6 1 2 6,0	865 700 688	1,865 700 6,688	33 \$158,52 17 \$80,50 45 \$568,48	00 \$232,000, 00 \$66,000, 00 \$34,000, 00 \$90,000,	0 \$224,525 0 \$114,500 0 \$658,480	\$113 \$120 \$164 \$98	1950 700 3890	08/11/2010 04/07/2010	\$ 565,789.0 \$ 136,841.0 \$ 143,811.1 \$ 303,974,1	5         (127,086.00)         \$         0           5         (87,684.00)         \$         0           5         29,311.00         \$         0           5         (354,506.00)         \$         0	0) \$ 565,789 \$ 1 0) \$ 136,841 \$ 0) \$ 143,811 \$ ( 0) \$ 303,974 \$ 3	27,086 18% 87,684 39% (29,311) -26% 54,506 54%
NA	545 Pr 553 Pr	roactive Providence roactive Providence	2011	Ecomp	9000091787	9000091788 9000092046	8	Barrington Smithfield	Willow and Pandall		2 BS 2 BS	1959 High 25 1967 High 35		2 8	208	869 2 208	4 \$82,555	00 \$8,000	00 \$90,555 00 \$242,760	\$104	0 1732	08/04/2010	\$ 33,592.3 \$ 155,219.2	\$ (56,963.00) \$ (	0 S 33,592 S	56,963 63% 88,541 36%
NA	565 Pr 581 Pr 594 Pr	roactive Providence roactive Providence roactive Providence	2011 2011 2011	Fcomp Fcomp Fcomp	900093371 900093371 900098230 900094343	9000093372 9000098231 9000094344	2	Newport Newport Newport	Berkeley Ave Washington, Walnut, Willow Tyler St	Freebody to Annadale Second St RI Ave to Cranston	2 BS 2,4 BS/CI 1.5 BS	1903 Low 1879 Low 1908 Low		6 1,5 6 2,3 6 4	563 300 428	1,563 2,300 428	16 \$148,483 40 \$195,500 6 \$40,660	00 \$32,000 00 \$80,000 00 \$12,000	00 \$180,485 00 \$275,500 00 \$52,660	\$115 \$120 \$123	1693 2344 444	12/17/2010 10/26/2010 10/07/2010	\$ 187,473.2 \$ 432,683.8 \$ 58,453.2	\$ (60.941.00)         \$ (0           \$ 6,988.00         \$ (0           \$ 157,184.00         \$ (0           \$ 5,793.00         \$ (0	0 \$ 187,473 \$ 1 \$ 432,684 \$ (1 0 \$ 58,453 \$	88,541 36% (6,988) -4% (57,184) -57% (5,793) -11%
NA	630 Pr	roactive Providence roactive Providence			9000094349 9000098190 9000098202	9000094350 9000098191 9000098203	0	Tiverton Newport	Sunderland, Riverside Potter St Connection St	Thames to Marchant	1.25 BS 2 BS	1940 Intermet 1940 Low 1946 Low		4 1,2 6 5	200 582	1,200 582 327	20 \$102,000	.00 \$40,000.	00 \$142,000 00 \$83,650.00 00 \$39,255.00	\$118	1301 618	11/17/2010 05/17/2010	\$ 108,947.9 \$ 93,253.1 \$ 54,341.1	\$ (33,052.00) \$	0 \$ 108,948 \$ 0) \$ 93,253 \$	33,052 25%
NA		eactive Providence eactive Providence roactive Providence	2011 2011 2011	Fcomp Fcomp Fcomp Fcomp	900098202 900098188 900098151 900098192	9000098185 9000098154	5 9 4	Newport Newport Newport	Connection St Cherry and Guerney Hoffman Pl	Thames to #36 Connection Third St Cranston Ave to #6 Hoffman	4 CI 2 BS 1.25 BS	1946 Low 1909 Low 1889 Low		6 5	501 195	327 525 225	9 \$21,25 10 \$32,56 4 \$12,67	00 \$18,000 00 \$20,000 00 \$8,000	0 \$39,255.00 00 \$52,565.00 00 \$20,675.00	\$120 \$105 \$106	375 490 187	05/14/2010 05/19/2010 05/17/2010	\$ 54,541.1 \$ 81,677.2 \$ 34,260.5	\$ 15,086.00 \$ (0 \$ 29,112.00 \$ (0 \$ 13,586.00 \$	0 \$ 54,541 \$ ( 0 \$ 81,677 \$ ( \$ 34,261 \$ ( 0 \$ 2,853 \$	(15,086) -38% (29,112) -55% (13,586) -66%
NA	637 Pr 638 Pr	roactive Providence roactive Providence		Wsched Fcomp Fcomp	9000098204	9000098194 9000098205	4	Newport	Haskell Ave Green Lane	Bliss to #7 Haskell Broadway to Porter	4 CI 2.5 BS	1932 Low 1927 Low		6 6	225 630	225 630 120	3 \$19,125 11 \$53,550	00 \$6,000. 00 \$22,000.	0 \$25,125.00 0 \$75,550.00	\$112	0 652	05/06/2010	\$ 2,853.0 \$ 119,530.1	\$ (22,272.00) \$ ( \$ 43,980.00 \$ (	0 \$ 119,530 \$ (	22,272 89% (43,980) -58%
NA NA NA	640 Pr 641 Pr	roactive Providence roactive Providence roactive Providence	2011 2011 2011	Fcomp Fcomp Fcomp Wsched	9000098174 9000098226 9000098228 9000098230	9000098185 9000098227 9000098225	2 7 9	Newport Newport Newport	Downing Yale , Sagamore and Pennacook Rowland St	Bellevue to Cusshing Gallery Adm K to Canonicus	6 CI 4 BS 4 CI	1940 Low 1924 Low 1928 Low		6 1,5 6 3	120 500 350	120 1,500 350	2 \$7,800 11 \$112,500 3 \$33.950	00 \$4,000. 00 \$22,000. 00 \$6,000. 00 \$34,000.	A) \$11,800.00 00 \$134,500.00 00 \$39,950.00	\$98 \$90 \$114 \$180	151 2104 325	06/15/2010 06/15/2010 05/04/2010	\$ 31,096.5 \$ 165,178.0 \$ 33,985.3	\$ 19,297.00         \$           \$ 30,678.00         \$           \$ (5,965.00)         \$           \$ (72,000.00)         \$	0 \$ 31,097 \$ ( 0 \$ 165,178 \$ ( 0 \$ 33,985 \$	(19,297) -164% (30,678) -23% 5,965 15%
NA		roactive Providence eactive Providence	2011 2011	Wsched Fcomp Fcomp	9000099035	9000098932 9000099036	6	Providence Barrington	Waverly St Pezzullo Ave	Service Rd #1 to Ellery Middle Hwy to end	4 CI 2 BS	1928 Low 1931 High 25		6 4	400	400	7 \$32,500	00 \$12,250.	00 \$44,750.00	\$180 \$90	0 493	03/26/2010	\$ - \$ 41,828.0	\$ (72,000.00) \$ - \$ (2,922.00) \$ (0	S - S 0 S 41,828 S	72,000 100% 2,922 7%
NA NA		eactive Providence roactive Providence eactive Providence	2011 2011 2011 2011	Fcomp Fcomp	9000099033 9000099131 9000099752 9000099767	9000099034 9000099132 9000099754 9000099758	2	Providence Westerly	Barton Ave Wickenden Hillview Dr Center St	County to #17 Barton Gano to #520 Wickenden High St to end High St to end	2 BS 4 CI 4 BS	1947 High 25 1877 Low 1940 Low 1940 Low	8,	2 4 6 2,1 2 1		441 1,950 711 1,600	6 \$33,075 44 \$210,000 4 \$65,000	00 \$10,500) 00 \$88,000) 00 \$8,000)	00 \$43,575.00 00 \$298,000.00 00 \$73,000.00 00 \$40,000.00	\$90 \$99 \$142 \$103 \$100	450 446 498	11/22/2010	\$ 32,673.6 \$ 179,995.6 \$ 29,162.3 \$ 7,630.7	\$ (10,901.00) \$ \$ (118,004.00) \$ \$ (43,838.00) \$ \$ (32,369.00) \$ \$ (32,369.00) \$	\$ 32,674 \$ \$ 179,996 \$ 1 \$ 29,162 \$ \$ 7,631 \$	10,901 25% 118,004 40% 43,838 60% 32,369 81%
NA	648 R	eactive Providence eactive Providence	2011	Fcomp	9000099792	9000099793	8	Westerly Newport	Extension	Thames to Spring	4 BS 2,1 1/4 BS	1907 Low		6	400 530	530	15 \$60,950	.00 \$30,000.	30 \$90,950	\$172	<b>400</b> 90	06/21/2010	\$ 87,273.3	\$ (3,677.00) \$ (	0 \$ 87,273 \$	3,677 4%
NA NA	654 Ra 656 Ra 659 Pr	eactive Providence eactive Providence roactive Providence	2011 2011 2011	Fcomp Fcomp Fcomp	9000099901 9000100248 9000100201	9000099902 9000100250 9000100202	0	Warwick Warwick Warwick	Fullerton Rd Blackstone Ave Mullen Rd , Deborah	Post Rd to #45 Fullerton Warwick Neck to #43 Black Essex	2 BS 2 BS 2 BS	1957 High 35 1958 High 35 1956 High 35 1963 High 35		2 2 2	487 500 078	500 500 2,078	5 \$51,135 4 \$52,500 20 \$218 190	00 \$10,000. 00 \$8,000. 00 \$40,000. 00 \$44,000.	00 \$61,135 00 \$60,500 00 \$258,190	\$126 \$121 \$124 \$104	495 521 2396	10/22/2010 08/13/2010 10/16/2010	\$ 43,121.4 \$ 43,769.2 \$ 120,847.2	\$ (16,731.00) \$ (0 \$ (137,343.00) \$ 0	0 \$ 43,769 \$ 0 \$ 120,847 \$ 1	18,014 29% 16,731 28% 137,343 53% 68,648 28% 43,000 100% 28,776 96% 48,674 66% 125,381 -74%
NA		roactive Providence roactive Providence	2011 2011	Fcomp Fcomp Fcomp Awper	9000100730 9000101696 9000101300	9000100731 9000101693	1	East Greenwich Newport	Grandview, Locust area Elm St	Cross to Third	2 BS 2 BS	1913 High 99		2 2,0 2 2,3 2 1	350 170	2,078 2,350 517	13 \$17,000	526,0003	30 \$45,000	\$253	2550 0	06/03/2010	\$ 175,102.4 \$ -	\$ (68,648.00) \$ (0 \$ (43,000.00) \$ -	) \$ 175,102 \$	68,648 28% 43,000 100%
NA NA	669 Pr 672 Pr 675 Pr	roactive Providence roactive providence roactive Providence	2011 2011	Awper	9000101276	9000101307 9000101278 9000101817	/ 8 7	Newport Newport Providence	Warner Place Long Wharf Rochambeau St	Warner to #11 Warner Pl Washington to Americas C N Main to Camp	2 BS 4 CI 6 CI	1940 High 99 1904 Low 1895 Low		2 2 6 1 8 1,1	260 700 100	300 700 1,100	7 \$59,500	00 \$8,000) 00 \$14,000) 00 \$48,000)	0 \$73,500 \$169,000	\$105	270 1062 1147	11/17/2010	\$ 24,826.3 \$ 294,381.3	\$ (28,776.00) \$ (0 \$ (48,674.00) \$ (0 \$ 125,381.00 \$ (0	0 \$ 24,826 \$	28,776 96% 48,674 66% (25,381) -74%
NA	678 R 680 Pr	eactive Providence roactive Providence	2011 2011	Fcomp Fcomp Fcomp Fcomp Wsched	9000101804 9000101892 9000102330	9000101805 9000101893 9000102332	3	Warren Warwick	Hope St Hewett St	Main to end Strand to end	3 BS 2 BS	1940 Intermes 1950 High 35		2 4	440 589	440 589 1,033	11 \$44,000 15 \$50,065	00 \$22,000. 00 \$30,000. 00 \$20,000.	00 \$66,000 00 \$80,065 00 \$94,385	\$150 \$136 \$121	410 1406	09/16/2010 08/27/2010	\$ 43,922.2 \$ 122,188.7 \$ 63,498.4	\$ (22,078.00) \$ (0 \$ 42,124.00 \$ \$ (30,887.00) \$ (0	0 \$ 43,922 \$ 1 \$ 122,189 \$ (1 1 \$ 63,498 \$	22,078 33% (42,124) -53% 30,887 33% 96,343 98% 69,623 92%
NA NA 15		eactive Providence roactive Providence roactive Providence			9000104307	9000102332 9000103410 9000094945	- 0 5	Warwick Cranston Newport	Onkland Beach Rd Heather St Lowndes and Middleton	Suburban to beach Princee to Dyer	3 BS 6 BS 2.5 Bs	1930 High 35 1957 Low 1953 Low		6 6	700 640	1,033 700 520	9 \$57,60	00 \$28,000	0 \$98,000.00 0 \$75,600	\$140	915 0 0	11/15/2010	\$ 63,498.4 \$ 1,657.0 \$ 5,976.5	\$ (96,343.00) \$ - \$ (69,623.00) \$	\$ 1,657 \$ \$ 5,977 \$	30,887 33% 96,343 98% 69,623 92%
21 23	402 Pr 599 Pr	roactive Providence roactive Providence	2012	Wsched Wsched Wsched	9000088504 9000094752 9000105751	N/A 9000094754 9000105753	4	Providence Coventry	Public St #380 Marion Ave	Milk Street	6 CI 2 BS	1875 Low 1965 High 35 1961 High		6 1	123	123 162	- \$9,22 1 \$14,58 6 \$29,25	00 \$0)		\$75 \$102 \$127	0		s - s -	\$ (9,225.00) \$ - \$ (16,580.00) \$ - \$ (41,250.00) \$ -	s . s	9,225 100% 16,580 100% 41,250 100%
24 25 26	294 Pr	roactive Providence roactive Providence roactive Providence	2012	Wsched	9000068327	9000105791 9000105006	1	Coventry East Greenwich Providence	Clemence	Amold Rd. to end of main Main St. to London St. Weybosset to near Westminster a	2 BS 2 BS 3 CI	1929 High 1877 Low		2 1,5	325 565 336	325 1,565 245	26 \$133,02	00 \$52,000	\$40 \$60	\$118	0		\$ - \$ 333.7 \$ 2,487.2	\$ (184,691.00) \$ \$ (38,073.00) \$	\$ 334 \$ 1	184,691 100%
27	224 Pr	roactive Providence roactive Providence	2012	Wsched Wsched Wsched Wsched Wsched	900007085 9000092417 9000091977 9000074358 9000074358	9000105764	4	Coventry Providence	Powhatan Ave., Beechwood St. Pleasant St #107 Winter, Damon,	Osceola Ave. to end of main Western	2 BS 4 CI	1967 High 1876 Low 1937 high 358		2 6 6 2 2 2,8	660 217	660 217 2,877	6 \$59,400 4 \$16,27	00 \$12,000	00 \$71,400 00 \$24,275 00 \$379,700 00 \$67,750	\$108 \$112 \$132	0 245		\$ 242.4 \$ 883.5	\$ (71,158,00) \$ (0 \$ (23,391,00) \$ \$ (371,581,00) \$ \$ (1,581,00) \$ (1	0 \$ 242 \$ \$ 884 \$ \$ 8,119 \$ 3 0 \$ 113 \$	71,158 100% 23,391 96% 871,581 98% 67,637 100%
36 37 38	337 Pr 322 Pr 466 Pr	roactive Providence roactive Providence roactive Providence	2012 2012 2012	Wsched Wsched	900091977 9000074358 9000087367	9000092421 9000092421 9000091978 9000105757 9000106167	7	Warwick Coventry Warwick	Winter, Damon, Lantern Lane Whitford	Tioge Ave. to end of main	2 BS 2 BS	1937 high 354 1960 High 1955 High		2 2 2	575 237	2,017 575 237	+0 \$287,700 8 \$51,750 3 \$17,775	00 \$16,000) 00 \$6,000	00 \$67,750 00 \$23,775	\$132 \$118 \$100	0		\$ 8,119.5 \$ 113.0 \$ -	\$ (371,581.00) \$ ( \$ (67,637.00) \$ ( \$ (23,775.00) \$ .	0 \$ 113 \$ \$ - \$	67,637 100% 23,775 100%
	_	-			-	-	-		-	-	-				-											



Items	Project #	Reactive/P reactive	Division	Fiscal Year Work Order.	Main PowerPlant WO#	Service Power Plant WO#	Date of change Municipality.	Location / Street.	Project Limits	<u>Exst</u> <u>E</u> Diameter Mat	<u>xst</u> erial YOI	<u>System</u> <u>Pressu</u> <u>re</u>	<u>Relay</u> Diameter	Planned Relay/ Insert Footage	Abandon Footage	<u># of</u> Services	Estimated Loaded Main Cost	Estimated Loaded Service Cost	Total AVG Estimated LCost / Loaded Cost Foot	<u>Footage</u> Complete to Date	Substantial Completion Date	Prior Years Spending	FYTD Spend	Scope Changes	Remaining Spend		Variance (+/-) From Column AF	% Variance (+/-) From Column
4	0 603	Proactive	Providence	2012 Wsched	9000094817	9000094818	West Warwick	Brayton St	Pike	2 BS	196	4 High 35	2	317	317	2	\$23,775.00	\$4,000.00	\$27,775 \$88	(	)		\$ 230.22	\$ (27,545.00)	\$ (0)	\$ 230 5	\$ 27,545	99%
4	1 597	Proactive	Providence	2012 Wsched	9000094415	9000105774	Coventry	Holden St	Main St to Park St	2 BS	196	4 High 35	2	697	697	2	\$62,730.00	\$4,000.00	\$66,730 \$96		)		\$ 18,259.85	\$ (48,470.00)	\$ 0	\$ 18,260 5	\$ 48,470	73%
4	3 684	Proactive	Providence	2012 Wsched	9000075546	9000106164	Warwick	George Arden Ave	George Arden Ave. to Gorham A	2,4 BS	192	8 High	2,6	705	705	6	\$59,925.00	\$12,000.00	\$71,925 \$102		)		\$ 298.93	\$ (71,626.00)	\$ 0	\$ 299 5	\$ 71,626	100%
4	9 237	Proactive	Providence	2012 Wsched	9000070418	9000105749	Coventry	Pilgrim Ave., Dexter St.	Tioge Ave. to end of Dexter St.	2 BS	196	d High	2	1,400	1,400	13	\$126,000.00	\$26,000.00	\$152,000 \$105	(	)		\$ 22.95	\$ (151,977.00)	\$ 0	\$ 23 5	\$ 151,977	100%
5	0 16	Proactive	Providence	2012 Wsched	9000064483	9000105598	Coventry	Darton St., Elton St., E. Shore Dr.	Southwest of Tioge Ave.	2 BS	196	il High	2	952	952	13	\$85,680.00	\$26,000.00	\$111,680 \$117		)		s -	\$ (111,680.00)	s -	\$ - !	\$ 111,680	100%
5	2 453	Proactive	Providence	2012 Wsched	9000089747	9000089749	Coventry	Rathbun St	Read to Andrews	2 BS	196	il High 8 High 35	2	513	513	6		\$12,000.00	\$58,170 \$113		)			\$ (58,170.00)	s -	\$ - !	\$ 58,170	100%
5	3 559			2012 Wsched	9000091825	9000106170	Warwick	Loring Ave and Hume		2 BS			2	510	510	6		\$12,000.00	\$63,000 \$124		)		\$ 450.49	\$ (62,550.00)	\$ (0)	\$ 450 5	\$ 62,550	
5	4 242	Proactive	Providence	2012 Wsched	9000092203	9000105769	Coventry		WW line to 95 Read	2 BS		i6 High	2	475	475	5		\$10,000.00	\$52,750 \$111				s -	\$ (52,750.00)	ş -	\$ - !	\$ 52,750	
5	618	Proactive	Cumberland	2012 Wsched	9000095948	9000095949	Woonsocket	Orchard St area		4 CI		7 Low	2	1,684	1,684	26		\$52,000.00					s -	\$ (178,300.00)	\$ .	\$ . !	\$ 178,300	100%
6	627	Proactive	Providence	2012 Wsched	9000075730	9000106072	Providence	Randall St.	Charles St. to North Main @ Pett	6 8,2 BS		9 High 35	8	2,337	2,337	18	233,700.00	36,000.00		361	8			\$ (268,543.00)	\$ 0	\$ 1,157 \$	\$ 268,543	100%
6	2 615	Proactive	Providence	2012 Wsched	9000096110	9000105776	Coventry	Arnold, Holmes, Harrington		12,6 CI		4 Low	4	729	2,206	4	32,805.00	8,000.00	40,805.00 55.9	7				\$ (40,547.00)	\$ (1)	\$ 258 5	\$ 40,547	99%
6	S 596		Providence	2012 Wsched	9000094382	9000105775	Coventry	Read, Alice and Ann	Alice to Washington St	2,4 BS		il High 35	2,4	1,551	1,551	12		\$24,000.00		(				\$ (163,590.00)	\$ -	\$ - !	\$ 163,590	100%
6	8 519		Providence	2012 Dispatch	9000091814	9000091815	Newport	Ruggles and McConnick	Coggshall to Carroll	3,4 BS/0		9 Low	6	3,024	3,024	31	\$272,160.00		\$334,160 \$111	3256	5			\$ (309,146.00)	\$ (0)	\$ 25,014 \$	\$ 309,146	93%
7	1 556		Providence	2012 Wsched	9000093248	9000106604	Warwick	Leroy, Fostmere, Tiffany		2 BS		0 High 35	2	2,430	2,430	24	\$243,000.00		\$291,000 \$120	(	)		\$ 272.15	\$ (290,724.00)	\$ 4	\$ 276 5	\$ 290,724	
7	4 623		Providence	2012 Wsched	9000100327	9000105783	Coventry	Pine Ave	Amold Rd to #24 Pine	2 BS		0 High 35	2	292	292	5	\$26,280.00		\$36,280 \$124				s -	\$ (36,280.00)	ş -	\$ - !	\$ 36,280	
7			Providence	2012 Wsched	9000074312	9000105754	Coventry	Valley Crest Rd.	Long Pond Rd. to end of main	2 BS		4 High	2	1,300	1,425	8		\$16,000.00		(				\$ (132,889.00)	\$ 0	\$ 111 5	\$ 132,889	100%
7			Providence	2012 Wsched	9000091831	9000106169	Warwick		West Shore to #46 Hart	2 BS		5 High 35	2	454	454	5	\$45,400.00		\$55,400 \$122	(	)			\$ (55,011.00)	\$ (0)	\$ 389 5	\$ 55,011	99%
8	5 550	Proactive	Providence	2012 Wsched	9000096360	9000105777	Coventry	West Lake, Johnson	# 27 Johnson to # 90 Johnson Bly	2,4 BS		il High 35	2,4	3,879	3,879	30	\$349,110.00		\$409,110 \$105	(				\$ (408,391.00)	\$ (0)	\$ 719 5	\$ 408,391	100%
8	6 362		Providence	2012 Dispatch	9000092054	9000092055	Newport	Coggeshall	Bateman to #95 Coggeshall	4 CI		4 Low	6	1,180	1,180	10		\$20,000.00		261	5			\$ (114,383.00)	\$ (0)	\$ 11,817 5	\$ 114,383	
8	7 584		Providence	2012 Wsched	9000093900	9000093901	Warwick	Glen Dr., Bradley, Hillcrest		2 BS		6 High 35	2	4,772	4,772	50		\$100,000.00			)		\$ 24,949.53		\$ 0	\$ 24,950 3	\$ 432,950	
9	5 626		Providence	2012 Awper	9000096639	9000096640	Newport	Narragnsett Ave	Thames to #13 Narr.	2 BS		9 Low	6	460	460	11		\$22,000.00					\$ 4,263.04	\$ (59,137.00)	S (0)	\$ 4,263 5	\$ 59,137	
N	A 613		Providence	2012 Awper	9000095214	9000095215	Cranston	Bicknell Ave & Castle	CALL OF THE OWNER OF	2 BS		4 High 35	2	601	601	9	\$58,297.00		\$76,297 \$127				ş -	\$ (76,297.00)	ş .	5 -	\$ 76,297	
N	A 624	Proactive	Providence	2012 Wsched 2012 Wsched	9000098224	9000098225	Newport	Seaview Ave	Cliff Ave to end	2 BS		9 Low	6	642	642	5		\$10,000.00	\$64,570 \$101					\$ (58,450.00) \$ (36,015.00)	5 (0) 5 (0)	\$ 6,120 S	\$ 58,450 \$ 36,015	
N	A 629	Proactive	Providence	2012 Wsched	9000098210	9000098211	Newport	Exeter St	Training Station Rd	6 BS	192	6 Low	2	279	910	1	\$23,715.00	\$14,000.00	\$37,715 \$135				\$ 1,700.34	\$ (36,015.00)	\$ (0)	\$ 1,700 3	, 36,015	95%

d/b/a National Grid

R.I.P.U.C. Docket No. 4034

FY 2011 Annual ARP Report

				Attachment 3
<b>Original Estimate</b>	Year to Date Cost	Cost Difference	% Cost Difference	Page 1 of 18
\$48,150.00	\$72,731	\$24,581	51%	

Item #5 – Goodwin St, Newport

Original Footage		Completed Footage	Footage Difference	Footage % Difference
	335	307	28	- 8%

Significant Drivers	Mains	Services w/ Main	Grand Total
Contractors/Consultants	\$30,417	\$0	\$30,417
Company Labor	\$13,619	\$894	\$14,512
Materials	\$1,895	\$14,083	\$15,978
Overhead/Burdens	\$9,093	\$2,731	\$11,824
Grand Total	\$55,024	\$17,707	\$72,731



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d/b/a National Grid

R.I.P.U.C. Docket No. 4034

FY 2011 Annual ARP Report

				Attachment 3
<b>Original Estimate</b>	Year to Date Cost	Cost Difference	% Cost Difference	Page 2 of 18
\$302,480	\$691,224	\$388,744	129%	

Item #8 – Thames St, Newport

Original Footage		Completed Footage	Footage Difference	Footage % Difference
	2,472	2,505	33	1%

Significant Drivers	Mains	Services w/ Main	Grand Total
Contractors/Consultants	\$365,903	\$70,091	\$435,994
Company Labor	\$102,288	\$3,821	\$106,109
Materials	\$37,615	\$14,774	\$52,389
Overhead/Burdens	\$80,760	\$15,972	\$96,731
Grand Total	\$586,566	\$104,658	\$691,224



## Item #10 – Kingston, Pearl, Shiloh, Stewart d/b/a National Grid R.I.P.U.C. Docket No. 4034 FY 2011 Annual ARP Report Attachment 3

Original Estimate	Year to Date Cost	Cost Difference	% Cost Difference	Page 3 of 18
\$217,640	\$330,921	\$113,281	52%	

Original Footage		Completed Footage	Footage Difference	Footage % Difference
	1,596	1,767	171	11%

Significant Drivers	Mains	Services w/ Main	Grand Total
Contractors/Consultants	\$210,443	\$0	\$210,443
Company Labor	\$38,539	\$495	\$39,035
Materials	\$11,216	\$8,225	\$19,441
Overhead/Burdens	\$60,427	\$1,574	\$62,002
Grand Total	\$320,626	\$10,295	\$330,921

#### The Narragansett Electric Company

#### d/b/a National Grid

R.I.P.U.C. Docket No. 4034

FY 2011 Annual ARP Report

				Attachment 3
<b>Original Estimate</b>	Year to Date Cost	Cost Difference	% Cost Difference	Page 4 of 18
\$47,100	\$93,164	\$46,064	98%	

Item #18 – Queen St, East Greenwich

Original Footage		Completed Footage	Footage Difference	Footage % Difference
	460	1,079	619	135%

Significant Drivers	Mains	Services w/ Main	Grand Total
Contractors/Consultants	\$47,349	\$11,611	\$58,960
Company Labor	\$14,399	\$15	\$14,414
Materials	\$567	\$137	\$704
Overhead/Burdens	\$16,318	\$2,768	\$19,085
Grand Total	\$78,633	\$14,530	\$93,164

d/b/a National Grid

R.I.P.U.C. Docket No. 4034

FY 2011 Annual ARP Report

						Attachment 3
Original Estimate	Year to	o Date Cost	Cost Difference	%	Cost Difference	Page 5 of 18
\$42,12	5	\$39,277	-\$2,848	3	-7%	]
Original Footage	Complet	ed Footage	Footage Difference		ootage % fference	
375		590	21	5	57%	
Significant Driver	S	Mains	Services w/ I	<i>l</i> lain	Grand Total	
Contractors/Cons	sultants	\$12	2,999 \$7	,158	\$20,157	
Company Labor		\$3	\$,793 \$7	,103	\$10,896	
Materials		\$2	2,477 \$1	,884	\$4,361	
Overhead/Burden	IS	\$2	2,028 \$1	,835	\$3,863	-

\$21,297

Item #19 – Woodbine St, Providence



\$39,277

\$17,980

**Grand Total** 

## Item #29 – Grosvenor & N County, **East Providence**

The Narragansett Electric Company

d/b/a National Grid

R.I.P.U.C. Docket No. 4034

					Attachment 3
Original Estimat	e Year t	o Date Cost	Cost Difference	% Cost Difference	Page 6 of 18
\$64,6	20	\$98,423	\$33,803	52%	
	• •		1		-
Original			Footage	Footage %	
Footage	Comple	ted Footage	Difference	Difference	
748		872	124	17%	
			1	1	]

Significant Drivers	Mains	Services w/ Main	Grand Total
Contractors/Consultants	\$41,194	\$17,085	\$58,279
Company Labor	\$19,109	\$1,812	\$20,921
Materials	\$373	\$2,921	\$3,294
Overhead/Burdens	\$11,158	\$4,771	\$15,929
Grand Total	\$71,833	\$26,589	\$98,423



d/b/a National Grid

R.I.P.U.C. Docket No. 4034

FY 2011 Annual ARP Report

			-		-		_Attachment 3
<b>Original Estimate</b>	Year to	o Date Cost	Cost Differe	ence	%	Cost Difference	Page 7 of 18
\$17,47	5	\$23,045		\$5,569		32%	]
Original Footage	Complet	ed Footage	Footage Difference			otage % ference	]
135		287		152		113%	]
Significant Driver	'S	Mains	Servic	es w/ Ma	ain	Grand Total	
Contractors/Cons	sultants	\$7	,549	\$6,4	43	\$13,992	
Company Labor		\$2	,977	\$9	948	\$3,924	
Materials		\$1	,317	\$1,1	97	\$2,514	
Overhead/Burder	IS	\$1	,511	\$1,1	04	\$2,615	_
Grand Total		\$13	,354	\$9,6	<b>592</b>	\$23,045	

Item #30 – Melissa St, Providence



d/b/a National Grid

R.I.P.U.C. Docket No. 4034

FY 2011 Annual ARP Report

							Attachment 3
<b>Original Estimate</b>	Year to	o Date Cost	Cost Differe	nce	% Cost	Difference	Page 8 of 18
\$49,47	0	\$105,276	\$	55,806		113%	]
Original Footage	Complet	ed Footage	Footage Difference		Footag Differei		
483		440		-43		-9%	]
Significant Driver	S	Mains	Servic	es w/ Ma	ain Gra	Ind Total	
Contractors/Cons	sultants	\$39	,874	\$36,9	966	\$76,840	
Company Labor		\$7	,374	\$2	274	\$7,648	
Materials		\$2	,609		\$0	\$2,609	
Overhead/Burden	IS	\$11	,501	\$6,6	578	\$18,179	-
Grand Total		\$61	,358	\$43,9	918	\$105,276	

Item #42 – County St, Newport



d/b/a National Grid

R.I.P.U.C. Docket No. 4034

FY 2011 Annual ARP Report

							Attachment 3
Original Estimate	Year to	o Date Cost	Cost [	Difference	%	Cost Difference	Page 9 of 18
\$60,80	0	\$279,711		\$218,911		360%	
Original Footage	Complet	ed Footage	Foota Differe	-		otage % ference	
520		491		-31		-6%	
Significant Driver	'S	Mains	S	Services w/ Ma	ain	Grand Total	
Contractors/Cons	sultants	\$232	,844	\$2,0	29	\$234,873	
Company Labor		\$19	,615	\$4	78	\$20,092	
Materials		\$2	,808		\$0	\$2,808	
Overhead/Burder	IS	\$21	,547	\$3	90	\$21,937	-
Grand Total		\$276	,814	\$2,8	97	\$279,711	

Item #93 – Touro St, Newport



## Item #94 – Greene St, East Greenwich

d/b/a National Grid

R.I.P.U.C. Docket No. 4034

					-	
<b>Original Estimate</b>	Year to	o Date Cost	Cost Differ	ence	% Co	ost Difference
\$205,14	5	\$308,026	\$	102,881		50%
Original Footage	Complet	ed Footage	Footage Difference			age % rence
1,637		1,830		193		12%
Significant Driver	S	Mains	Servio	ces w/ Ma	ain C	Grand Total
Contractors/Cons	sultants	\$164	,515	\$66,3	353	\$230,868
Company Labor		\$16	,176	\$6,2	285	\$22,461
Materials		\$1	,601	\$6,1	09	\$7,710
Overhead/Burder	IS	\$34	,585	\$12,4	102	\$46,987
Grand Total		\$216	,877	\$91,1	48	\$308,026



d/b/a National Grid

R.I.P.U.C. Docket No. 4034

FY 2011 Annual ARP Report

							Attachm
<b>Original Estimate</b>	Year to	o Date Cost	Cost Differe	nce	% Cost Diff	erence	Page 11
\$29,40	0	\$68,901	\$68,901 \$39,501			134%	]
Original Footage	Complet	ed Footage	Footage Difference		Footage % Difference		]
260		269		9		3.5%	]
Significant Driver	'S	Mains	Service	es w/ Ma	ain Grand	Total	
Contractors/Cons	sultants	\$28	,477	\$9	946	\$29,423	
Company Labor		\$31	,432	\$1	54	\$31,586	
Materials		\$2	,270	\$1,5	92	\$3,862	
Overhead/Burder	IS	\$3	,750	\$2	80	\$4,030	
Grand Total		\$65	,929	\$2,8	97	\$68,901	

Item #96 – Collins St, Newton



# Project #445 – Oberlin and Tomahawk, War War Worket No. 4034

							Attachmer
Original Estimate Year t		o Date Cost	Cost Differe	ence	% Cost Di	fference	Page 12 of
\$99,68	5	\$117,961		\$18,276		18%	]
Original Footage	Complet	ted Footage	Footage Difference		Footage % Difference		
961		1,462		501		52%	
Significant Driver	'S	Mains	Servic	ces w/ Ma	ain Grand	l Total	
Contractors/Cons	sultants	\$59	,109	\$35,8	335	\$94,943	
Company Labor		\$8	,087	<b>\$</b> 1	02	\$8,188	
Materials			\$0		\$0	\$0	
Overhead/Burder	IS	\$7	,693	<b>\$7,</b> 1	36	\$14,829	
Grand Total		\$74	,888	\$43,0	)73	\$117,961	



## Project #581 – Washington St, Newport

d/b/a National Grid

R.I.P.U.C. Docket No. 4034

							Attachment
<b>Original Estimate</b>	Year to	o Date Cost	Cost Dif	ference	%(	Cost Difference	Page 13 of 1
\$275,50	0	\$432,684		\$157,184		57%	]
Original Footage	Complet	ed Footage	Footage Differen		I	otage % ference	
2,300		2,344		44		2%	]
Significant Driver	S	Mains	Se	rvices w/ Ma	ain	Grand Total	
Contractors/Cons	sultants	\$166	,180	\$67,7	787	\$233,967	
Company Labor		\$45	,876	\$2,6	640	\$48,516	
Materials		\$63	,479	\$29,6	651	\$93,130	
Overhead/Burder	IS	\$41	,890	<b>\$15</b> ,1	80	\$57,071	-
Grand Total		\$317	,426	\$115,2	258	\$432,684	



d/b/a National Grid

## Project #635 – Cherry & Guerney, Newport R.I.P.U.C. Docket No. 4034

				Attachment 3
<b>Original Estimate</b>	Year to Date Cost	Cost Difference	% Cost Difference	Page 14 of 18
\$52,565	\$81,677	\$29,112	55%	

Original Footage		Completed Footage	Footage Difference	Footage % Difference	
	501	490	11	2%	

Significant Drivers	Mains	Services w/ Main	Grand Total
Contractors/Consultants	\$24,918	\$15,104	\$40,022
Company Labor	\$20,896	\$550	\$21,446
Materials	\$5,098	\$29,651	\$34,749
Overhead/Burdens	\$12,614	\$2,497	\$15,111
Grand Total	\$63,527	\$47,802	\$111,328



d/b/a National Grid

#### R.I.P.U.C. Docket No. 4034

FY 2011 Annual ARP Report

	-						Attach
Original Estimate Year to		o Date Cost	Cost Differe	ence	% Cc	st Difference	Page <sup>2</sup>
\$20,675		\$34,261	\$	513,586		66%	]
Original Footage	Comple	ted Footage	Footage Difference			age % rence	]
195		187		-8		-4%	]
Significant Driver	'S	Mains	Servic	es w/ Ma	ain G	Frand Total	
Contractors/Cons	sultants	\$13	,139	\$4,5	556	\$17,694	
Company Labor		\$8	924	9	58	\$8,982	
Materials			\$296	\$1,1	34	\$1,431	
Overhead/Burder	IS	\$5	,095	\$1,0	59	\$6,154	
Grand Total		\$27	,45 <b>4</b>	\$6,8	807	\$34,261	

**Project #636 – Hoffman Place, Newport** 



#### d/b/a National Grid

R.I.P.U.C. Docket No. 4034

FY 2011 Annual ARP Report

								Attachment 3
Original Estimate Year to		o Date Cost	Cost Difference		%(	Cost Diffe	rence	Page 16 of 18
\$75,55	0	\$119,530	\$	643,980			58%	
Original Footage	Complet	ed Footage	Footage Difference			otage % ference		
630		652		22			4%	
Significant Driver	S	Mains	Servic	es w/ Ma	ain	Grand To	otal	
Contractors/Cons	sultants	\$44	,315	\$32,6	662		\$76,977	
Company Labor		\$10	,312	\$3	361		\$10,673	
Materials		\$5	,900	\$3,0	046		\$8,945	
Overhead/Burder	IS	\$15	,555	\$7,3	379		\$22,935	
Grand Total		\$76	,083	\$43,4	447	\$	119,530	

**Project #638 – Green Lane, Newport** 



d/b/a National Grid

## d/b/a National Grid Project #675 – Rochambeau St, Providence I.P.U.C. Docket No. 4034

Original Estimate Year to		o Date Cost	Cost Differe	ence	% Co	st Difference
\$169,00	0	\$294,381	\$1	25,381		74%
Original Footage	Complet	ed Footage	Footage Difference			age % rence
1,100		1,147		47		4%
Significant Driver	S	Mains	Servic	es w/ Ma	ain G	rand Total
Contractors/Cons	sultants	\$150	,746	\$55,4	74	\$206,220
Company Labor		\$8	,474	\$2,5	540	\$11,014
Materials		\$14	,898	\$26,6	68	\$41,566
Overhead/Burder	IS	\$21	,323	\$14,2	258	\$35,581
Grand Total		\$195	,441	\$98,9	940	\$294,381



% Cost Difference

d/b/a National Grid

R.I.P.U.C. Docket No. 4034

Attachment 3

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Year to Date Cost

**Original Estimate** 

\$80,06	5	\$122,189		\$42,124			53%
Original Footage	Complet	ed Footage	Footage Difference			otage % ference	
589		1,406		817			139%
Significant Drive	ſS	Mains	Servi	ces w/ Ma	ain	Grand T	otal
Contractors/Cons	sultants	\$53	,334	\$29,6	91		\$83,026
Company Labor		\$11	,599	\$2,7	27		\$14,327
Materials		\$1	,503	\$4,7	<b>'02</b>		\$6,205
Overhead/Burder	IS	\$11	,626	\$7,0	06		\$18,632
Grand Total		\$78	,062	\$44,1	27		\$122,189

**Cost Difference** 



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#### National Grid FY 2011 ARP Performance Summary

#### **Program Targets:**

1) Miles of bare steel and cast iron mains and number of bare steel services <u>abandoned</u> during program year compared to baseline inventory

	CY 2010	FY 2011
	Baseline 1/	<u>ARP 2/</u>
BS and CI/WI Mains (miles)	1,269	48
BS and CI Services (units)	47,969	2,182 3/

2) Miles of plastic mains and number of plastic services <u>installed</u> during program year compared to baseline inventory

	CY 2010	FY 2011	
	Baseline 1/	<u>ARP 2/</u>	
Plastic Mains (miles)	1,044	39	
Plastic Services (units)	115,718	2,182	3/

#### Safety Enhancements:

1) Number of full seal repair clamps eliminated from distribution system as part of FY 2011 ARP

1187

2) Number of outstanding leaks eliminated from distribution system as part of FY 2011 ARP 4/

Grade 2A	2
Grade 2	14
Grade 3	118
Total	134

### **Program Unit Costs:**

1) MRP - Actual vs. estimated cost per foot of new plastic main installed

FY 2011	FY 2011
<u>Estimate</u>	<u>Actual</u>
\$108 / ft.	\$116 / ft.

2) SRP - Actual vs. estimated cost per unit of new service installed

FY 2011	FY 2011
<b>Estimate</b>	Actual
\$1,825 / set	\$2,025 / set

#### NOTES:

1/ Source: RI Annual DOT Report for FY 2010.

- 2/ Source: FY 2011 Annual ARP Report, Attachment 1.
- 3/ In FY 2011, the Company replaced 2,182 of the total eligible pool of 8,500 bare steel, high pressure, inside services (Sets). ARP-related abandoned / installed services may include the removal of bare steel and the installation of new plastic pipe and / or the insertion of new plastic pipe through the existing bare steel pipe.

4/ Source: National Grid asset system (i.e., Smallworld) query provided by System Integrity.

#### Request:

Please provide the ARP Actual Program Spend for the 12 months ended June 30, 2011 by the categories shown in Footnote 1.

#### Response:

The ARP actual program spend is provided in the chart below for the 12 months ending March 31, 2011. The ARP sunset and was incorporated into the Infrastructure, Safety and Reliability program beginning April 1, 2011 in Docket No. 4219.

Line No.	Main Replacement Program by Material	Actual \$ By Exst Matl 2/
1	Mains - Steel & Other	\$11,874,402
2	Mains - Plastic	\$0
3	Mains - Cast Iron	\$3,656,015
4	Mains - Steel/Cast Iron	\$592,362
5	Services - All Sizes	\$4,403,154
6	FY 2010 and FY 2012 Related MRP Projects 1/	\$3,323,141
7	MRP Subtotal	\$23,849,075
	Service Replacement Program (SRP)	Actual \$ By Exst Matl 3/
8	Cumberland - Bare Steel High Pressure	\$961,960
9	Providence - Bare Steel High Pressure	\$3,455,580
10	SRP Subtotal	\$4,417,540
11	ARP PROGRAM TOTAL SPEND	\$28,266,615

#### NOTES:

*I/These* costs reflect ARP-recoverable carry-over expenditures, including final restoration, paving, fitting and pre-engineering costs associated with either the FY 2010 or FY 2012 ARP projects that have been paid in FY 2011. These types of carry-over expenses are incurred each year on a rolling basis, so the Company proposes inclusion within the year they are paid.

2/ These are the FY 2011 Projects broken down by existing material replaced and services associated with the main replaced. This break down does not include the ARP-recoverable carry-over expenditures in Note 1.

3/ The SRP program spend is for service work only. This spend includes the fitting costs.

Prepared by or under the supervision of: Laurie T. Brown

### Request:

Referring to NG-JFN-6, Page 4, line 2, please provide documentation supporting the retirements for the 12 months ended June 30, 2011.

## Response:

As shown on the chart below the ARP Plant Retirements have been calculated based on the 12 months ended March 31, 2011 percentage of Total Retirements to Total Capital expenditures. Please see following calculation.

Total Capital Expenditures	\$57,612,395
Total Retirements	\$3,434,457
Retirements as a percentage of Total Capital Expenditures	5.96%
ARP Program Actual Spend	\$28,266,615
ARP Retirements	\$1,685,062

Prepared by or under the supervision of: William R. Richer

## Request:

Referring to NG-JFN-6, Page 4, line 36, why are the property taxes calculated by applying the property tax rate to the gross plant on line 26 rather than to the plant net of accumulated depreciation?

## Response:

The Company agrees that it should have calculated property taxes by applying the property tax rate to the plant net of accumulated depreciation. In addition, as described in my September 13, 2011 testimony, the Company is in the process of further updating its ARP calculation and will include this correction to property taxes as part of that update as soon as information is available.

Prepared by or under the supervision of: William R. Richer