

Laura S. Olton General Counsel

May 31, 2006

VIA HAND DELIVERY & ELECTRONIC MAIL

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

Re: <u>Docket 3701 - 2006 Demand Side Management True-up Filing</u>

Dear Ms. Massaro:

In compliance with Section IV.C. of the Settlement of the Parties in the above-captioned docket, filed on October 14, 2005 ("Settlement"), and approved by the Commission in Order No. 18516 (January 26, 2006), The Narragansett Electric Company, d/b/a National Grid ("Company"), encloses ten (10) copies of its 2006 True-up filing containing a modified budget and goals for its 2006 Demand Side Management ("DSM") or Energy Efficiency programs.

This filing contains Updated Attachments 6, 7, 8, 9, 10, and 11 from the Settlement. The modifications result from an update of the funding expected to be available to support DSM program efforts in 2006 that takes into account the actual DSM fund balance at year-end 2005, an updated forecast of expected kWh sales in 2006, and additional information regarding the actual costs and savings of DSM projects that have been completed in the Company's service territory. The Division of Public Utilities and Carriers ("Division") has approved the modified budget and modifications described herein in accordance with Section IV.C. of the Settlement.

2006 Funding

The current projection of available funding for DSM in 2006 is provided in Updated Attachment 7. This projection reflects the actual year-end DSM fund balance as reported in Table 6 of the Company's Revised 2005 DSM Year-End Report, filed on May 31, 2006, and an updated sales forecast. Updated Attachment 7 also provides a comparison of the current projection of DSM funding in 2006 to the projection contained in the Settlement. The current projection of funding is \$733,500 higher than the expected amount of funding that was included in the Settlement.

The DSM Collaborative intends to allocate the additional funds to the Design 2000*plus* Large Commercial and Industrial ("Large C&I") program, supplemented by a small transfer from the Energy Initiative program. Much of the increased available

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funding results from a high amount of Large C&I commitments made in 2005 relative to the budget, so it is reasonable to allocate these funds to the program that serves to provide energy efficiency for new construction or renovation.

In addition, within the residential sector, the DSM Collaborative proposes a shift in funds to the Energy *Wise* program from the ENERGY STAR® Appliances and Lighting Programs, as well as the Energy Efficiency Education program. This shift responds to the very high demand for in-home audits and services provided by Energy *Wise*, which is likely influenced by high energy prices.

Other program budgets will change insignificantly as certain administrative expenses get reallocated to programs. Funding that affects the level of services provided to customers, however, will remain unchanged.

All proposed budget changes are contained in Updated Attachment 6. Page 1 of Updated Attachment 6 provides the program budgets that include the additional \$733,500 in available funding. Updated Attachment 6, page 2, provides a comparison of the updated budgets for 2006 to the budgets contained in the Settlement.

Incentive and Goals

Section IV.C. of the Settlement states, "The Company will be permitted to adjust the projected spending budgets and savings goals in the shareholder incentive calculation in accordance with the adjustments made in the May True-up filing."

The updated spending budget for 2006 is shown in Updated Attachment 9, page 1 of 2. Although additional funds are available, the spending budget for each sector has decreased, compared to the spending budgets shown in Attachment 9, page 1, of the Settlement. The spending budgets have decreased due to a number of factors including subtraction of increased commitments (Large C&I sector) and expected co-payments (Small C&I sector), and reallocation of the evaluation budget by sector to account for actual evaluation studies that have been committed to since the Settlement (Residential sector). As a result, the Company's target shareholder incentive decreases to \$726,627 as shown in Updated Attachment 9, page 2.

The reallocated funding, along with updated information regarding the expected cost of savings, create amended savings targets by sector. These updated targets are provided in Updated Attachment 9, page 2 and Updated Attachment 10, pages 2 and 3.

The 2006 performance metric targets proposed in the Settlement are not affected by the funding changes described herein. Updated Attachment 8 describes the numeric targets for the performance metrics and the incentive value for full or partial achievement of the target, consistent with the metric achievements for 2005 and the Commission's Order No. 18156.

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Revised Cost-Effectiveness Analysis

Updated Attachment 10 provides an updated analysis of the expected benefits and costs associated with proposed energy efficiency efforts. This attachment also provides a comparison of the updated annual energy savings goals by program. Overall, the annual energy savings goal for 2006 has increased by 10,046 MWh compared to the energy savings goal included in the Settlement. The increased MWh savings goal takes into account the types of projects that the Company has completed in the recent past as well as the results from recently completed program evaluation studies.

Updated Attachment 11, page 1, contains the Electric Avoided Producer Costs for Rhode Island used in the True-up benefit-cost analysis. All of the avoided costs used in True-up are the same as those used in the Settlement, as seen in Updated Attachment 11, page 2, except for the value of demand reduction induced price effects ("DRIPE"), which were finalized in December, 2005.

Division Approval

Section IV.B. of the Settlement states, "With Division approval, the Company can transfer funds from one sector to another so long as the transfers from a sector reduce the approved budget for that sector by 20% or less. Transfers that would reduce a sector's budget by more than 20% in aggregate (over the course of the program year) will require Commission approval." As shown on page 2 of Updated Attachment 6, this true-up does not reduce the budget of any sector. Thus, Commission approval is not required.

Section IV.C. of the Settlement states, "If the difference between the results of the true-up and the filed budget is 20% or less of the total approved budget, the Division shall have the authority to approve the reallocation." In this case, the addition of \$733,500 is 3.4% of the total approved Settlement budget. Thus, Division approval is required for the overall reallocation proposal.

The Division has indicated that it fully supports the budget reallocation outlined above.

Thank you very much for your time and attention to this letter. If you have any questions regarding this filing, please call me at 401-784-7667.

Very truly yours,

Laura S. Olton

Laura S. Olton

Attachments

cc: Docket 3701 Service List

NARRAGANSETT ELECTRIC COMPANY D/B/A NATIONAL GRID

2006 Proposed Budget True-Up Filing

	PAYROLL (\$000)	EXPENSE (\$000)	ADVERTISING (\$000)	TOTAL (\$000)
RESIDENTIAL PROGRAMS	,	,	,	,
IN-HOME SERVICES				
EnergyWise	\$43.3	\$1,845.2	\$0.0	\$1,888.4
Single Family Low Income Services	\$19.7	\$1,664.7	\$0.0	\$1,684.4
ENERGY EFFICIENT PRODUCTS				
ENERGY STAR® Appliances	\$16.9	\$243.8	\$84.7	\$345.3
ENERGY STAR® Heating Program	\$3.5	\$104.3	\$2.0	\$109.8
ENERGY STAR® Central Air Conditioning Program	s \$14.6	\$143.0	\$17.2	\$174.9
ENERGY STAR® Lighting	\$17.9	\$700.7	\$62.0	\$780.6
NEW CONSTRUCTION				
ENERGY STAR® Homes	\$8.4	\$949.6	\$30.0	\$988.0
INFORMATION & EDUCATION				
Energy Efficiency Educational Programs	\$7.0	\$21.6	\$20.0	\$48.6
Subtotal Residential	\$131.4	\$5,672.8	\$215.9	\$6,020.1
C&I PROGRAMS				
LARGE C&I PROGRAMS (1)				
Design 2000 plus	\$382.7	\$4,229.2	\$16.1	\$4,628.0
Energy Initiative(2)	\$381.4	\$6,074.1	\$9.5	\$6,465.0
Subtotal Large C&I		\$10,303.3	\$25.6	\$11,093.0
SMALL C&I PROGRAMS				
Small Business Services	\$15.7	\$4,193.2	\$50.0	\$4,259.0
Subtotal Small C&I	·	\$4,193.2 \$4,193.2	\$50.0 \$50.0	\$4,259.0 \$4,259.0
Subtotal Silian C&I	φ13.7	φ4,193.2	φ50.0	Φ4,239.0
OTHER DSM EXPENSE ITEMS				
Company Incentive	\$0.0	\$726.6	\$0.0	\$726.6
Program Design, Evaluation and Planning	\$135.5	\$206.2	\$0.0	\$341.7
Subtotal Other Items	\$135.5	\$932.8	\$0.0	\$1,068.3
TOTAL DSM BUDGET	\$1,046.7	\$21,102.2	\$291.4	\$22,440.3

Notes:

- 1) Includes commitments for Design 2000plus and Energy Initiative of \$1,899,000 and \$2,622,456 respectively.
- 2) Includes approximately \$61,000 in funding for load response audits.

NARRAGANSETT ELECTRIC COMPANY D/B/A NATIONAL GRID

2006 Proposed Budget Vs. 2005 True-up Budget

	Proposed 2006	2006 Budget -	
	Budget - True Up	Settlement	Difference
	(\$000)	(\$000)	(\$000)
RESIDENTIAL PROGRAMS			
IN-HOME SERVICES			
EnergyWise	\$1,888.4	\$1,613.4	\$275.1
Single Family Low Income Services	\$1,684.4	\$1,684.4	(\$0.0)
ENERGY EFFICIENT PRODUCTS			
ENERGY STAR® Appliances	\$345.3	\$385.2	(\$39.9)
ENERGY STAR® Heating Program	\$109.8	\$109.8	(\$0.0)
ENERGY STAR® Central Air Conditioning Program	\$174.9	\$175.1	(\$0.3)
ENERGY STAR® Lighting	\$780.6	\$939.7	(\$159.1)
NEW CONSTRUCTION			
ENERGY STAR® Homes	\$988.0	\$988.2	(\$0.2)
INFORMATION & EDUCATION			
Energy Efficiency Educational Programs	\$48.6	\$124.2	(\$75.6)
Subtotal Residential	\$6,020.1	\$6,020.1	\$0.0
LARGE C&I PROGRAMS			
Design 2000plus	\$4,628.0	\$3,861.9	\$766.1
Energy Initiative(1)	\$6,465.0	\$6,491.2	(\$26.3)
Subtotal Large C&I	\$11,093.0	\$10,353.2	\$739.8
SMALL C&I PROGRAMS			
Small Business Services	\$4,259.0	\$4,258.0	\$1.0
Subtotal Small C&I	\$4,259.0	\$4,258.0	\$1.0
OTHER DSM EXPENSE ITEMS			
Company Incentive	\$726.6	\$733.9	(\$7.3)
Load Response Program(1)	\$0.0	\$0.0	\$0.0
Program Design, Evaluation and Planning	\$341.7	\$341.7	\$0.0
Subtotal Other Items	\$1,068.3	\$1,075.6	(\$7.3)
TOTAL DSM BUDGET	\$22,440.3	\$21,706.8	\$733.5

Notes:

¹⁾ For 2006, the Company has included approximately \$61,100 in funding for load response audits that will be provided to existing customers in its Energy Initiative Program budget. In 2005, this funding was shown as if it were for a unique initiative due to its nature as a demonstration effort in 2005.

²⁾ The Commitments budget included in the proposed True-up Budget has been increased from \$3,780,700 to \$4,521,456.

National Grid DSM Funding Sources in 2006 by Sector

	Updated Projection	Original Projection	Difference
Projected kWh Sales1:			
Residential	3,054,299,346	3,091,306,693	(37,007,347)
Small Commercial & Industrial	1,999,020,586	1,880,610,087	118,410,499
Large Commercial & Industrial	<u>2,841,398,912</u>	3,107,519,429	(266,120,517)
Total	7,894,718,844	8,079,436,209	(184,717,365)
DSM Revenue per kWh	\$0.002	\$0.002	\$0.000
Projected DSM Revenues (\$000)			
Residential	\$6,108.5	\$6,182.6	(\$74.1)
Small Commercial & Industrial	\$3,998.0	\$3,761.2	\$236.8
Large Commercial & Industrial	<u>\$5,682.7</u>	<u>\$6,215.0</u>	<u>(\$532.3)</u>
Total	\$15,789.2	\$16,158.8	(\$369.6)
Other Sources of DSM Revenues (\$000): Projected DSM Fund Balance Interest in 2006			
Residential	\$129.2	\$102.0	\$27.2
Small Commercial & Industrial	\$76.7	\$60.0	\$16.7
Large Commercial & Industrial	\$337.0	\$308.0	\$29.0
Total	\$542.9	\$470.0	\$72.9
Projected Co-Payments by Customers in 2006:			
Residential	\$0.0	\$0.0	\$0.0
Small Commercial & Industrial	\$528.0	\$436.8	\$91.2
Large Commercial & Industrial	<u>\$150.0</u>	\$75.1	\$74.9
Total	\$678.0	\$511.9	\$166.1
DSM Commitments in 2005:			
Residential	\$0.0	\$0.0	\$0.0
Small Commercial & Industrial	\$0.0	\$0.0	\$0.0
Large Commercial & Industrial	\$5,770.8	\$3,780.7	\$1,990.1
Total	\$5,770.8	\$3,780.7	\$1,990.1
2005 Fund Balance:			
Residential	(\$223.8)	(\$177.7)	(\$46.1)
Small Commercial & Industrial	\$797.1	\$500.7	\$296.4
Large Commercial & Industrial	(\$914.0)	\$462. <u>4</u>	(\$1,376.4)
Total	(\$340.6)	\$785.4	(\$1,126.0)
Subtotal - Other Sources of DSM Revenues:			
Residential	(\$94.6)	(\$75.7)	(\$18.9)
Small Commercial & Industrial	\$1,401.8	\$997.5	\$404.3
Large Commercial & Industrial	\$5,343.8	\$4,626.2	\$717.6
Total	\$6,651.1	\$5,548.0	\$1,103.1
Projected Total Funding Available in 2006:			
Residential	\$6,013.9	\$6,106.9	(\$93.0)
Small Commercial & Industrial	\$5,399.8	\$4,758.7	\$641.1
Large Commercial & Industrial	<u>\$11,026.5</u>	\$10,841.2	\$185.3
Total	\$22,440.3	\$21,706.8	\$733.5

Notes:¹ Projected streetlighting and sales for resale kWh sales have been allocated to each sector based on the percentage of sales in each sector excluding expected streetlighting sales.

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Introduction

In 2005, incentivized performance metrics were established for five initiatives offered in Rhode Island. Four of these metrics were for "market transformation" initiatives and one (Comprehensiveness in Small Business Services) was for a significant improvement in program offerings. In all cases, the metrics were designed to be straightforward measures of progress for initiatives believed worthy of a special targeted focus.

2006 PERFORMANCE METRICS

For 2006, the Company proposes performance metrics for four initiatives.¹ The major structure and delivery for three of the initiatives is not changing from the metrics established in 2005. This reflects the fact that, for many such initiatives, progress is achieved over time and that it is worthwhile to maintain the focus of program implementation on the policy objective defined by the metric over more than one year. A new performance target is proposed for Commercial and Industrial Benchmarking. Major changes to some residential programs (as described in Attachment 1) make it difficult to predict performance and create targets for some program areas that would have been promising candidates for a second residential metric.

The Company proposes the performance targets for 2006 described on the following pages. The proposed targets reflect current market conditions and will require significant Company effort to achieve desired results. The Parties agree that partial credit will be awarded for performance that does not meet the specific numeric target, in recognition of the Company's effort and in recognition that Rhode Island consumers benefit from even partial progress toward the metric's objective. No extra incentive will be awarded for exceeding the numeric target.

¹ Per the Rhode Island PUC's Order 18516, dated January 26, 2006, the level of performance based metrics was originally set at \$15,000 per metric, but each was ordered to be set at \$20,000 after agreement by the Parties. This was agreed to after the number of performance metrics was reduced to 4 from 5 in 2005. The \$20,000 per metric value keeps the total target amount of performance incentives, \$80,000, closer to 2005's total target value of \$75,000.

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2	The performance level at which partial achievement will be credited is the "threshold".
3	For those metrics that are continuing in 2006, the threshold will be equal to final 2005
4	performance. ² This provides continuity in the structure of the metric at the same time as
5	creating a clear standard for the Company from which it must improve in order to receive
6	an incentive. For the metric that did not exist in 2005, the threshold is developed based
7	on an assessment of available program data.
8 9	The performance level at which the full incentive will be credited is the "target." The
10	incentive for most metrics will be scaled between the threshold and the target. For the
11	schools metric that does not allow for scaling, the incentive will be credited for
12	incremental levels of performance.
13 14 15	Residential Metric 1: EnergyWise Targeting.
16	Metric: The Company will also actively offer EnergyWise services to the approximately
17	10,000 customers who (a) are not low income, (b) who have previously been shut-off for
18	non-payment over the past three years, and (c) have not previously participated in the
19	EnergyWise program. The Company will serve 100 more customers from this group
20	than it served in 2005.
21 22	Objective: This metric supports outreach and delivery of services to segments of the
23	residential customer sector who have not previously participated in the ${\it EnergyWise}$
24	program and whose economic circumstances warrant special attention. These customers
25	will benefit from the long term value provided by the EnergyWise program.
26	<u>Discussion:</u> The key issue with this metric is defining the target market and the likely
27	response.

 2 In the Settlement, the Parties agreed to the process for establishing numeric targets for the continuing performance metrics and agreed to include final performance targets for these metrics, using 2005 accomplishments, as part of the 2006 True-Up filing.

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- 1 Non low income customers with a history of shut-offs are targeted because the shut-off
- 2 history indicates some economic hardship. When this history is linked together with a
- 3 tailored marketing effort, prior non-participants may be receptive to receiving
- 4 Energy Wise services. However, the customer response may be influenced by other
- 5 factors that outweigh the value of the energy benefits. In 2005, targeting also focused on
- 6 customers whose Home Energy Management Program benefits were ending. This group
- 7 will no longer be given special targeting.
- 8 The Company served 116 customers in the target segment in 2005. This becomes the
- 9 threshold for 2006 performance. The parties agree that an increment of 100 customers is
- appropriate for this segment, setting a target of 216 customers. The proposed increment
- is based on the results of marketing the Company did in 2005.
- 12 Low income customers are served by the Single Family Low Income Services program
- instead of Energy *Wise* and therefore not covered by this metric.
- 14 Partial Performance: The following is proposed for partial achievement toward the
- 15 target. The incentive for performance between the threshold and the target will be scaled
- 16 proportionately.

ENERGY WISE TARGETING							
Participants Incentive % of Incentive							
Threshold	116 (2005 participation)	\$13,400	67%				
Target	216 (2005 ptcptn +100)	\$20,000	100%				

17 18

C& I Metric 1: C&I Benchmarking

19 20 21

- Metric: In 2006, the Company will benchmark the energy use of large C&I customers to
- 22 assist them in setting priorities and promote the installation of energy efficiency measures
- 23 in their facilities. Delivery of this benchmarking service will be the basis for creation of
- 24 and commitment by the Company to applications for incentive payments from 12
- 25 different large C&I customer facilities.

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Objective: Benchmarking is the comparison of a facility's energy use to their peers' or their own historic consumption characteristics. By gathering their current and historical energy use from the Company's billing data systems and presenting it in an insightful manner, new energy efficiency strategies may be readily identified, and an action plan leading to an installation can be developed. This metric provides the opportunity to promote this service in Rhode Island, with the focus on the creation of applications for energy efficiency incentives directly resulting from the findings of the benchmarking exercise.

<u>Discussion:</u> As companies become more aware of how and when they use energy in their facilities, they are in a position to assess where the best opportunities lie to develop better operating and maintenance practices. Through benchmarking, building owners and operators achieve a better understanding of the energy related cost of their buildings. Moreover it leads them to reduce operating costs, increase energy efficiency and promote environmentally-friendly operations.

There are two primary tools the Company will use to accomplish the benchmarking objective. The combination of these approaches and services determined by the Company's Account Managers should help to stimulate greater efficiency savings and reach those customers who may not have taken advantage of the program and services to date.

The Company's Energy Profiler On-Line (EPO). This is a tool that is used effectively to identify energy use patterns within large commercial or industrial facilities. It helps to identify energy and demand savings potential by offering detail on current load duration and daily and historical building energy use. EPO can provide an account manager an accurate snap shot of the facility before meeting with the customer. The service can frame discussions to influence better energy use practices and /or further technical assistance to validate the potential of new energy efficient strategies and opportunities.

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Portfolio Manager. This is a tool that provides a comparison of the level of annual energy consumption for commercial or institutional customers to that of other facilities with the same function. The buildings are ranked in comparison to the other buildings in a national database, corrected for climate and other key variables. The analysis considers all purchased energy types used in the facility. The customer will be responsible for providing the utility data, and tracking resource consumption and costs. The EPA's ENERGY STAR Benchmarking system utilizing Portfolio Manager is used for this effort. The Company will furnish a written action plan identifying efficiency cost and savings opportunities resulting from the benchmarking. The process recognizes that a customer may be motivated by a comparison to peers more than a comparison to previous period's consumption. The Company will use the services of a Project Expediter to generate opportunity assessment, analysis and follow up services to steer the customer toward an installation of efficiency measures.

The metric requires customer recruitment, benchmarking, identification of opportunities, creation of applications and commitment to projects to all occur within 2006. Performance of all of these tasks will take significant effort and follow-up by the Company. The target of 12 is set based on the experience with this offering by the Company's affiliate in Massachusetts.

<u>Partial Performance:</u> The following is proposed for partial achievement toward the target of 12 application commitments.

C&I BENCHMARKING							
Applications Incentive % of Incentive							
Threshold	8	\$13,400	67%				
Target	12	\$20,000	100%				

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1 The incentive for performance between the threshold and the target will be scaled 2 proportionately. 3 4 5 **C&I Metric 2: High Performance Schools** 6 7 Metric: The Company will contract with new public or private school projects through 8 Design 2000plus to provide full incremental cost for high performance design and 9 construction practices with a special focus on high quality energy efficient lighting. It 10 shall contract with 2 schools more than it contracted with in 2005. 11 12 Objective: This market capitalizes on the window of opportunity available when school 13 facilities are being built or renovated to increase program participation and energy 14 savings. It assists a portion of the municipal sector that faces continuing funding 15 challenges. 16 17 Discussion: Schools present unique opportunities to not only adopt energy efficiency but 18 to enhance student learning through better classroom design. This metric provides 19 technical and financial support from the very beginning of school construction projects, 20 emphasizes thermal, acoustic, and visual comfort, especially in lighting design, and helps 21 cities and towns construct new schools that are high quality, environmentally sensitive, 22 and cost less to operate. 23 24 According to documents from the Department of Education, on average, funding is 25 approved for approximately 15 public school projects per year. In the period 2001 26 through 2004, 10 schools, or 16% (of approximately 60 schools), have participated in the 27 Schools Initiative.³

³ Some of the approved public school projects may be for projects that may not be suitable for the Schools Initiative, in other words, projects that do not involve construction of an entirely new school building. These may be for partial facility construction, renovations, or equipment replacement at the end of its

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2 In 2004, the Company placed under contract 1 school, and in 2005 the Company placed

under contract 1 school, indicating the difficulty in recruiting customers to this initiative

considering the small number of new schools built each year, the long project

development schedules, and the current economic climate, particularly for municipalities.

In this context, the Company's proposal to increase this amount by 2 projects in 2006 is a

7 reasonable challenge.

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For 2006, the Company will continue to work with the Rhode Island Department of

Elementary and Secondary Education to help identify additional participants. The

Company has not been able to identify a single source of data that tracks funding of

12 private school construction. Nevertheless, the Company will use the same level of effort

to offer the program to private schools as to public schools and include contracts with

private schools in the performance metric for 2006.

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<u>Partial Performance</u>: Based on historic performance, the small size of the eligible market

and the uncertainty about the potential in the private school sector, the following is

proposed for partial achievement toward the target increase of 2 schools.

18 19

SCHOOLS INITIATIVE								
Performance	ance Participants Incentive % of Incentive							
Threshold	1	\$13,400	67%					
	(2005 level)							
Intermediate	Intermediate 2		83%					
	(2005 participation +1)							
Target	Target 3		100%					
	(2005 participation +2)							

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Because of the integer nature of school buildings, the incentive for performance between

the threshold and the target will be not scaled proportionately, but will be awarded as

shown above.

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useful life. Many of these have received rebates through the Design 2000*plus* program. In fact, over 75% of the funded public school projects received Design2000*plus* rebates in this period.

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1	
2	C&I Metric 3: Comprehensiveness in Small Business Installations
3	
4	Metric: The Company will achieve 2 percentage points greater comprehensiveness in
5	Small Business Services in 2006 than it achieved in 2005. The percentage will be
6	calculated as the number of completed non prescriptive lighting or other custom energy
7	efficiency applications (excluding custom walk-in cooler applications) divided by the
8	total number of applications (excluding walk-in cooler applications) in 2006.
9	
10	Objective: This metric continues to encourage the Company to add other electrical
11	efficiency opportunities beyond lighting retrofits to the Small Business Services program.
12	These improvements to program design support more comprehensiveness in customers'
13	facilities and expand the depth and appeal of the program.
14	
15	<u>Discussion:</u> In 2004, the Parties established and achieved a metric target of 5%
16	comprehensiveness, using the definition contained in the metric description above. In
17	2005, the Company achieved 7.3% comprehensiveness, slightly exceeding the target of
18	7% comprehensiveness. The key factors influencing the delivery of comprehensive
19	services were education of implementation staff to identify non-lighting measures and
20	establishment of effective delivery channels.
21	
22	The Company proposes to set the target at 2 percentage points greater comprehensiveness
23	in 2006 compared to 2005. The Company believes that good progress has been made in
24	small business comprehensive implementation, but that more progress remains to be
25	made. Although the metric structure is the same as 2005, the 2 percentage point increase
26	will be a challenge because it continues to be a challenge for the implementation vendor
27	to cost effectively manage the implementation of custom measures while managing the

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budget and achieving savings targets.

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- 1 As in 2005, the metric specifies completed projects to put the tracking of
- 2 comprehensiveness on equal footing with other results that are tracked throughout the
- 3 years, and to eliminate the potential for counting a comprehensive project in two years.
- 4 Also, as in 2005, the Company will exclude from this metric and assessment of its
- 5 performance toward the target customers in the 100 kW to 200 kW range who participate
- 6 in the SEO's ESCO program.

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- 8 Walk-in cooler have been excluded from the metric because they are delivered by a
- 9 different vendor from the rest of the services and because comprehensive measures are
- 10 just beginning to be developed and offered for the small business refrigeration end use.

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- <u>Partial Performance:</u> Based on historic performance, the following is proposed for partial
- 13 achievement toward the target.

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SBS COMPREHENSIVENESS							
Performance	mance Comprehensiveness % Incentive % of Incentive						
Threshold	7.3%	\$13,400	67%				
	(Equal to 2005 actual)						
Target	9.3%	\$20,000	100%				
	(2 percentage points above 2005)						

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- The incentive for performance between the threshold and the target will be scaled
- 17 proportionately.

NATIONAL GRID R.I.P.U.C. Docket No. 3701 Updated Attachment 9, Page 1 of 2

NARRAGANSETT ELECTRIC COMPANY D/B/A NATIONAL GRID Derivation of the 2006 Spending Budget for Shareholder Incentive Calculation

	(1) Proposed 2006 Budget - True Up (\$000)	(2) Commitments and Copays (\$000)	(3) Excluded Programs	(4) Allocated Other Expenses (\$000)	(5) Eligible Sector Spending Budget (\$000)
RESIDENTIAL PROGRAMS					
IN-HOME SERVICES					
EnergyWise	\$1,888.4				
Single Family Low Income Services	\$1,684.4				
ENERGY EFFICIENT PRODUCTS					
ENERGY STAR® Appliances	\$345.3				
ENERGY STAR® Heating Program	\$109.8				
ENERGY STAR® Central Air Conditioning Program	\$174.9				
ENERGY STAR® Lighting	\$780.6				
NEW CONSTRUCTION					
ENERGY STAR® Homes	\$988.0				
INFORMATION & EDUCATION					
Energy Efficiency Educational Programs	\$48.6				
Subtotal Residential	\$6,020.1	\$0.0	\$0.0	\$106.9	\$6,126.9
LARGE C&I PROGRAMS					
Design 2000plus	\$4,628.0				
Energy Initiative	\$6,465.0				
Subtotal Large C&I	\$11,093.0	\$4,671.5	\$0.0	\$188.0	\$6,609.5
SMALL C&I PROGRAMS					
Small Business Services	\$4,259.0				
Subtotal Small C&I	\$4,259.0	\$528.0	\$0.0	\$46.8	\$3,777.8
OTHER DSM EXPENSE ITEMS					
Company Incentive	\$726.6		\$726.6		
Program Design, Evaluation and Planning	\$341.7		ψ120.0	(\$341.7)	
Subtotal Other Items	\$1,068.3	\$0.0	\$726.6	(\$341.7)	\$0.0
TOTAL DSM BUDGET	\$22,440.3	Ψ 0.0	Ψ120.0	(ψυτι./)	ψ υ• υ

THE NARRAGANSETT ELECTRIC COMPANY D/B/A NATIONAL GRID Target 2006 Shareholder Incentive

Incentive Rate: 4.40%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
				Target	Target				
				Incentive for	Incentive -			Target	Incentive Cap -
	Spending	Incentive	Target	Performance	Annual kWh	Annual kWh	Threshold	Incentive	Annual kWh
Sector	Budget	Rate	Incentive	Metrics	Savings	Savings Goal	kWh Savings	Per kWh	Savings
Residential	\$6,126,943		\$259,905	\$20,000	\$239,905	20,030,184	12,018,111	\$0.012	\$299,881
Small Commercial & Industrial	\$3,777,821		\$167,923	\$20,000	\$147,923	8,233,953	4,940,372	\$0.018	\$184,904
Large Commercial & Industrial	\$6,609,488		\$298,799	\$40,000	\$258,799	34,162,513	20,497,508	\$0.008	\$323,499
Total	\$16,514,253	4.40%	\$726,627	\$80,000	\$646,627	62,426,650	37,455,991		\$808,284

Notes:

- (1) Sector budget net of projected commitments and copays.
- (2) 4.40% of the sector spending budget.
- (3) Column (2) x Column (1).
- (4) \$20,000 per proposed performance metric.
- (5) Total for Column (3) Total for Column (4) allocated to sectors based on the relative size of the spending budget in the sector.
- (6) Goal for annual kWh savings by sector.
- (7) 60% of Column (5). The threshold level of performance has been increased from 45% to 60% in 2005. No incentive is earned on annual kWh savings in the sector unless the Company achieves at least this threshold level of performance.
- (8) Column (5)/Column (6). Applicable to all annual kWh savings up to 125% of target savings if at least 60% of target savings have been achieved.
- (9) Column (5) x 1.25.

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2006 RHODE ISLAND BENEFIT COST TEST

Summary of Benefit, Expenses, Evaluation Costs (\$000) The Narragansett Electric Company d/b/a National Grid

	The Ivarragansen E	accure company	d, o, a r vacionar Gri	•	
	Rhode Island Benefit/ Cost (2)	Total Benefit	Program Implementation Expenses	Evaluation Cost	Shareholder Incentive (3)
Large Commercial & Industrial					
Design 2000plus	4.42	\$12,426.5	\$2,729.0	\$84.7	NA
Energy Initiative	6.32	24,802.0	3,842.5	81.1	NA
SUBTOTAL	5.29	\$37,228.5	\$6,571.5	\$165.8	\$298.8
Small Commercial & Industrial					
Small Business Services(1)	2.54	\$9,255.4	\$3,592.1	\$46.8	NA
SUBTOTAL	2.43	\$9,255.4	\$3,592.1	\$46.8	\$167.9
Residential Programs IN-HOME SERVICES	1.46	\$5,279.0	\$3,572.8	\$33.0	NA
EnergyWise Program	1.47	2,819.3	1.888.4	33.0	NA
Single Family Low Income Services	1.46	2,459.8	1,684.4	0.0	NA
PRODUCTS & SERVICES	7.39	10,807.2	1,410.6	51.7	NA
ENERGY STAR Appliances	10.81	3,734.3	345.3	0.0	NA
ENERGY STAR Heating System	5.16	567.3	109.8	0.0	NA
ENERGY STAR Air Conditioning	1.03	233.4	174.9	51.7	NA
ENERGY STAR Lighting	8.04	6,272.2	780.6	0.0	NA
NEW CONSTRUCTION - ENERGY STAR Homes	2.09	2,064.4	988.0	0.0	NA
SUBTOTAL	2.87	\$18,150.6	\$5,971.4	\$84.7	\$259.9
Other					
Energy Efficiency Education Programs	NA	NA	\$48.6	NA	NA
Other Program Design, Evaluation and Planning	NA	NA	NA	44.4	NA
SUBTOTAL	NA	NA	\$48.6	\$44.4	NA
				. 1	
TOTAL	3.75	\$64,634.5	\$16,183.7	\$341.7	\$726.6

Notes:

- 1) Small Business Services program expenses are net of the projected customer co-pay for 2006 installations (\$666,865).
- 2) RI B/C Test = (Energy + Capacity + Participant Resource Benefits) / (Program Implementation + Evaluation Costs + Shareholder Incentive)
- 3) See Attachment 9

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2006 RHODE ISLAND BENEFIT COST TEST

Summary of Expenses, Benefit, kW, and kWh by Program

The Narragansett Electric Company d/b/a National Grid

	The Narragansett Electric Company d/b/a National Grid														
	Benefits (000's)								Load Reduction in kW		in kW	MWh	Saved		
	Capacity					Energy									
		Gener	ration			Wii	nter	Sum	ımer	Participant				Maximum	
	Total	Summer	Winter	Trans	MDC	Peak	Off Peak	Peak	Off Peak	Resource	Summer	Winter	Lifetime	Annual	Lifetime
Large Commercial & Industrial															
Design 2000plus	\$12,427	2,871	\$0	\$524	\$1,344	\$2,778	\$2,535	\$1,297	\$1,076	\$0	2,016	995	30,721	9,625	147,971
Energy Initiative	24,802	4,582	0	879	2,254	7,576	4,216	3,517	1,779	0	3,896	3,008	50,429	24,538	309,426
SUBTOTAL	\$37,229	\$7,454	\$0	\$1,403	\$3,598	\$10,354	\$6,751	\$4,814	\$2,855	\$0	5,912	4,003	81,150	34,163	457,397
						•								· · · · · ·	
Small Commercial & Industrial															
Small Business Services(1)	\$9,255	\$2,100	\$0	\$414	\$1,061	\$3,177	\$726	\$1,472	\$306	\$0	1,962	975	23,539	8,234	101,675
SUBTOTAL	\$9,255	\$2,100	\$0	\$414	\$1,061	\$3,177	\$726	\$1,472	\$306	\$0	1,962	975	23,539	8,234	101,675
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Residential Programs															
IN-HOME SERVICES	\$5,279	\$428	\$0	\$90	\$335	\$802	\$988	\$398	\$405	\$1,833	477	1,302	4,945	4,625	47,813
EnergyWise Program	2,819	302	0	64	239	609	750	302	307	247	350	1,127	3,520	3,587	36,101
Single Family Low Income Services	2,460	126	0	26	96	193	238	96	98	1,586	127	174	1,425	1,038	11,712
PRODUCTS & SERVICES	10,807	1,021	0	199	743	1,804	2,239	972	936	2,893	1,296	3,585	10,953	14,631	101,154
ENERGY STAR Appliances	3,734	386	0	75	279	185	228	140	109	2,332	331	134	4,208	924	12,735
ENERGY STAR Heating System	567	0	0	0	0	2	2	1	1	561	0	5	1	10	115
ENERGY STAR Air Conditioning	233	104	0	19	70	3	1	28	9	0	94	2	1,081	58	742
ENERGY STAR Lighting	6,272	530	0	105	394	1,614	2,008	803	818	0	870	3,444	5,665	13,640	87,562
NEW CONSTRUCTION - ENERGY STAR Homes	2,064	201	0	37	140	136	168	68	69	1,246	119	169	2,292	774	8,128
SUBTOTAL	\$18,151	\$1,650	\$0	\$326	\$1,217	\$2,742	\$3,396	\$1,438	\$1,410	\$5,972	1,892	5,055	18,190	20,030	157,096
TOTAL	\$64,635	\$11,203	\$0	\$2,142	\$5,876	\$16,273	\$10,873	\$7,724	\$4,572	\$5,972	9,765	10,033	122,879	62,427	716,168
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Calculation of 2006 Program Year Cost-Effectiveness and Goals

	2006 T	rue-Up	2006 Se	ttlement	Difference		
	Annual Energy Savings (MWh)	Participants	Annual Energy Savings (MWh)	Participants	Annual Energy Savings (MWh)	Participants	
Program							
Large Commercial & Industrial							
Design 2000plus	9,625	196	8,766	181	859	15	
Energy Initiative	24,538	254	19,133	182	5,405	72	
SUBTOTAL	34,163	450	27,899	363	6,264	87	
Small Commercial & Industrial							
Small Business Services	8,234	491	8,111	887	123	(396)	
SUBTOTAL	8,234	491	8,111	887	123	(396)	
Residential Programs IN-HOME SERVICES							
EnergyWise	3,587	4,980	2,570	3,261	1,016	1,719	
Single Family Low Income Services	1,038	967	988	967	50	0	
PRODUCTS & SERVICES							
ENERGY STAR® Appliances	924	5,800	924	5,800	0	0	
ENERGY STAR® Heating Program	10	480	10	480	0	0	
ENERGY STAR® Central Air Conditioning Program	58	343	54	400	4	(57)	
ENERGY STAR® Lighting	13,640	57,696	11,051	64,097	2,589	(6,401)	
NEW CONSTRUCTION - ENERGY STAR® Homes	774	500	774	500	0	0	
SUBTOTAL	20,030	70,766	16,370	75,505	3,660	(4,739)	
TOTAL	62,427	71,707	52,380	76,755	10,047	(5,048)	

THE NARRAGANSETT ELECTRIC COMPANY R.I.P.U.C Docket No. 3701 Updated Attachment 11 Page 1 of 2

FINAL ELECTRIC AVOIDED PRODUCER COSTS FOR RHODE ISLAND

							, IN 2006\$,	USED IN 200		
	Winter	Winter Off-	Summer	Summer	Summer	Winter		C&I	Res	
	Peak	Peak	Peak	Off-Peak	Gener.	Gener.	Transm.		Distribution	
	Energy	Energy	Energy	Energy	Capacity	Capacity	Capacity	Capacity	Capacity	DRIPE
Period	\$/kWh	\$/kWh	\$/kWh	\$/kWh	\$/kW-yr	\$/kW-yr	\$/kW-yr	\$/kW-yr	\$/kW-yr	\$/kW-yr
2005	0.075	0.065	0.070	0.052	4.050	0.000	17.569	45.951	66.963	0.000
2006	0.086	0.074	0.079	0.061	41.729	0.000	17.569	45.951	66.963	33.388
2007	0.090	0.076	0.083	0.064	47.393	0.000	17.569	45.951	66.963	90.816
2008	0.076	0.062	0.072	0.052	71.905	0.000	17.569	45.951	66.963	15.664
2009	0.062	0.050	0.057	0.041	76.873	0.000	17.569	45.951	66.963	9.856
2010	0.054	0.043	0.050	0.036	80.222	0.000	17.569	45.951	66.963	-7.040
2011	0.056	0.045	0.051	0.038	83.716	0.000	17.569	45.951	66.963	-23.936
2012	0.058	0.046	0.053	0.039	87.363	0.000	17.569	45.951	66.963	-40.833
2013	0.058	0.047	0.054	0.040	87.674	0.000	17.569	45.951	66.963	-21.610
2014	0.059	0.047	0.054	0.040	87.985	0.000	17.569	45.951	66.963	-2.387
2015	0.059	0.048	0.055	0.041	88.298	0.000	17.569	45.951	66.963	16.836
2016	0.059	0.048	0.055	0.041	88.612	0.000	17.569	45.951	66.963	36.059
2017	0.061	0.050	0.058	0.043	88.056	0.000	17.569	45.951	66.963	37.637
2018	0.063	0.052	0.060	0.045	87.503	0.000	17.569	45.951	66.963	39.215
2019	0.065	0.054	0.062	0.047	86.953	0.000	17.569	45.951	66.963	40.793
2020	0.067	0.056	0.065	0.049	86.407	0.000	17.569	45.951	66.963	42.371
2021	0.068	0.056	0.066	0.050	86.804	0.000	17.569	45.951	66.963	36.223
2022	0.068	0.057	0.067	0.050	87.202	0.000	17.569	45.951	66.963	30.075
2023	0.069	0.057	0.067	0.051	87.603	0.000	17.569	45.951	66.963	23.927
2024	0.070	0.058	0.068	0.052	88.005	0.000	17.569	45.951	66.963	17.779
2025	0.070	0.059	0.069	0.052	88.409	0.000	17.569	45.951	66.963	11.631
2026	0.071	0.059	0.070	0.053	88.815	0.000	17.569	45.951	66.963	5.483
2027	0.072	0.060	0.071	0.054	89.223	0.000	17.569	45.951	66.963	-0.665
2028	0.073	0.061	0.072	0.054	89.633	0.000	17.569	45.951	66.963	-6.813
2029	0.073	0.061	0.073	0.055	90.045	0.000	17.569	45.951	66.963	-12.961
2030	0.074	0.062	0.073	0.056	90.458	0.000	17.569	45.951	66.963	-19.109
2031	0.074	0.062	0.074	0.056	74.776	0.000	17.569	45.951	66.963	-18.893
2032	0.074	0.061	0.074	0.055	69.229	0.000	17.569	45.951	66.963	-18.678
2033	0.074	0.061	0.075	0.055	64.094	0.000	17.569	45.951	66.963	-18.462
2034	0.074	0.061	0.075	0.055	59.340	0.000	17.569	45.951	66.963	-18.247
2035	0.074	0.061	0.076	0.055	54.939	0.000	17.569	45.951	66.963	-18.031
2036	0.074	0.061	0.076	0.055	50.864	0.000	17.569	45.951	66.963	-17.816
2037	0.074	0.060	0.076	0.054	47.091	0.000	17.569	45.951	66.963	-17.600
2038	0.074	0.060	0.077	0.054	43.598	0.000	17.569	45.951	66.963	-17.385
2039	0.074	0.060	0.077	0.054	40.365	0.000	17.569	45.951	66.963	-17.170
2040	0.074	0.060	0.078	0.054	37.371	0.000	17.569	45.951	66.963	-16.954
Levelized ³ (2005-2040)	0.069	0.057	0.067	0.049	73.195	0.000	17.569	45.951	66.963	7.380
5 year Levelized ³ (2006-2010)	0.074	0.061	0.069	0.051	63.195	0.000	17.569	45.951	66.963	29.184
10 year Levelized ³ (2006-2015)	0.066	0.054	0.061	0.046	74.485	0.000	17.569	45.951	66.963	8.265

Notes:

0.065

15 year Levelized³ (2006-2020)

1) Capacity value reflects value after PER payment

0.061

0.054

2) 2005 data for out of market transactions was estimated using ISO-NE current RMR payments as of July 27, 2005

0.000

17.569

45.951

66.963

17.545

78.404

- 3) Levelized using a 2.03 percent real discount rate
- 4) GDP Implicit Price Deflator for 2003 to 2004 is 2.11 percent, and 2004 to 2005 is 2.25 percent

0.045

- 5) Energy values are avoided costs at the generator level. DSM savings should be measured at the generator level. (Load plus transmission losses + distribution losses)
- 6) 2006 Capacity value is at coincident summer peak
- 7) Avoided costs shown do not include effects of losses.

ELECTRIC AVOIDED PRODUCER COSTS FOR RHODE ISLAND

	FROM NEV	V AVOIDED Winter Off-		UPPLY COM Summer	MPONENT S	STUDY, IN 2 Winter	006\$, USED	IN 2006 SETT	TLEMENT Res	
	Peak	Peak	Peak	Off-Peak	Gener.	Gener.	Transm.	Distribution	Distribution	
	Energy	Energy	Energy	Energy	Capacity	Capacity	Capacity	Capacity	Capacity	DRIPE
Period		\$/kWh	\$/kWh	\$/kWh	\$/kW-yr	\$/kW-yr	\$/kW-yr	\$/kW-yr	\$/kW-yr	\$/kW-yr
2005	0.075	0.065	0.070	0.052	4.050	0.000	17.569	45.951	66.963	32.805
2006	0.086	0.074	0.079	0.061	41.729	0.000	17.569	45.951	66.963	32.805
2007	0.090	0.076	0.083	0.064	47.393	0.000	17.569	45.951	66.963	32.805
2008	0.076	0.062	0.072	0.052	71.905	0.000	17.569	45.951	66.963	32.805
2009	0.062	0.050	0.057	0.041	76.873	0.000	17.569	45.951	66.963	32.805
2010	0.054	0.043	0.050	0.036	80.222	0.000	17.569	45.951	66.963	32.805
2011	0.056	0.045	0.051	0.038	83.716	0.000	17.569	45.951	66.963	32.805
2012	0.058	0.046	0.053	0.039	87.363	0.000	17.569	45.951	66.963	32.805
2013	0.058	0.047	0.054	0.040	87.674	0.000	17.569	45.951	66.963	32.805
2014	0.059	0.047	0.054	0.040	87.985	0.000	17.569	45.951	66.963	32.805
2015	0.059	0.048	0.055	0.041	88.298	0.000	17.569	45.951	66.963	32.805
2016	0.059	0.048	0.055	0.041	88.612	0.000	17.569	45.951	66.963	32.805
2017	0.061	0.050	0.058	0.043	88.056	0.000	17.569	45.951	66.963	32.805
2018	0.063	0.052	0.060	0.045	87.503	0.000	17.569	45.951	66.963	32.805
2019	0.065	0.054	0.062	0.047	86.953	0.000	17.569	45.951	66.963	32.805
2020	0.067	0.056	0.065	0.049	86.407	0.000	17.569	45.951	66.963	32.805
2021	0.068	0.056	0.066	0.050	86.804	0.000	17.569	45.951	66.963	32.805
2022	0.068	0.057	0.067	0.050	87.202	0.000	17.569	45.951	66.963	32.805
2023	0.069	0.057	0.067	0.051	87.603	0.000	17.569	45.951	66.963	32.805
2024	0.070	0.058	0.068	0.052	88.005	0.000	17.569	45.951	66.963	32.805
2025	0.070	0.059	0.069	0.052	88.409	0.000	17.569	45.951	66.963	32.805
2026	0.071	0.059	0.070	0.053	88.815	0.000	17.569	45.951	66.963	32.805
2027	0.072	0.060	0.071	0.054	89.223	0.000	17.569	45.951	66.963	32.805
2028	0.073	0.061	0.072	0.054	89.633	0.000	17.569	45.951	66.963	32.805
2029	0.073	0.061	0.073	0.055	90.045	0.000	17.569	45.951	66.963	32.805
2030	0.074	0.062	0.073	0.056	90.458	0.000	17.569	45.951	66.963	32.805
2031	0.074	0.062	0.074	0.056	74.776	0.000	17.569	45.951	66.963	32.805
2032	0.074	0.061	0.074	0.055	69.229	0.000	17.569	45.951	66.963	32.805
2033	0.074	0.061	0.075	0.055	64.094	0.000	17.569	45.951	66.963	32.805
2034	0.074	0.061	0.075	0.055	59.340	0.000	17.569	45.951	66.963	32.805
2035	0.074	0.061	0.076	0.055	54.939	0.000	17.569	45.951	66.963	32.805
2036	0.074	0.061	0.076	0.055	50.864	0.000	17.569	45.951	66.963	32.805
2037	0.074	0.060	0.076	0.054	47.091	0.000	17.569	45.951	66.963	32.805
2038	0.074	0.060	0.077	0.054	43.598	0.000	17.569	45.951	66.963	32.805
2039	0.074	0.060	0.077	0.054	40.365	0.000	17.569	45.951	66.963	32.805
2040	0.074	0.060	0.078	0.054	37.371	0.000	17.569	45.951	66.963	32.805
Levelized ³ (2005-2040)	0.069	0.057	0.067	0.049	73.195	0.000	17.569	45.951	66.963	32.805
5 year Levelized ³ (2006-2010)	0.074	0.061	0.069	0.051	63.195	0.000	17.569	45.951	66.963	32.805
10 year Levelized ³ (2006-2015)	0.066	0.054	0.061	0.046	74.485	0.000	17.569	45.951	66.963	32.805

Notes:

0.065

15 year Levelized³ (2006-2020)

1) Capacity value reflects value after PER payment

0.061

0.054

2) 2005 data for out of market transactions was estimated using ISO-NE current RMR payments as of July 27, 2005

0.000

78.404

17.569

45.951

66.963

32.805

- 3) Levelized using a 2.03 percent real discount rate
- 4) GDP Implicit Price Deflator for 2003 to 2004 is 2.11 percent, and 2004 to 2005 is 2.25 percent

0.045

- 5) Energy values are avoided costs at the generator level. DSM savings should be measured at the generator level. (Load plus transmission losses + distribution losses)
- 6) 2006 Capacity value is at coincident summer peak
- 7) Avoided costs shown do not include effects of losses.

Certificate of Service

I hereby certify that a copy of the cover letter and accompanying material(s) have been hand-delivered or sent via U.S. mail to the parties listed below.

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Joanne M. Scanlon

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National Grid

Date

Narragansett Electric Co. – 2006 Demand Side Management – Dkt. 3701 Service list as of 4/13/06

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