

1 Q31. ARE THERE OTHER INDICES OR MEASUREMENTS THAT YOU USE  
2 TO QUANTIFY RELIABILITY PERFORMANCE?

3 A. Yes. The Company also reviews SAIFI and SAIDI results for groupings of  
4 outage causes, such as vegetation or lightning, that contribute significantly  
5 to overall performance. In addition, the Company reviews data captured  
6 through its Customer Issue Resolution ("CIR") process, created to comply  
7 with Commission Substantive Rule 25.30. The Company uses the CIR  
8 process to track specific types of complaints. This information is used to  
9 improve business processes, increase efficiency, and improve customer  
10 satisfaction. Complaints are taken very seriously, and all complaints are  
11 reviewed to determine and implement actions to be taken to improve  
12 Company performance and/or customer satisfaction.

13

14 Q32. ARE THESE INTERNAL INDICATORS INDUSTRY-STANDARD  
15 INDICES?

16 A. SAIFI and SAIDI represent subsets of the industry standard indices. The  
17 CIR process serves as a problem solving tool to help understand  
18 customer impact and what the broader indices show.

19

20 Q33. HOW FREQUENTLY DOES THE COMPANY UPDATE, REVIEW, AND  
21 ACT UPON THESE INDICATORS?

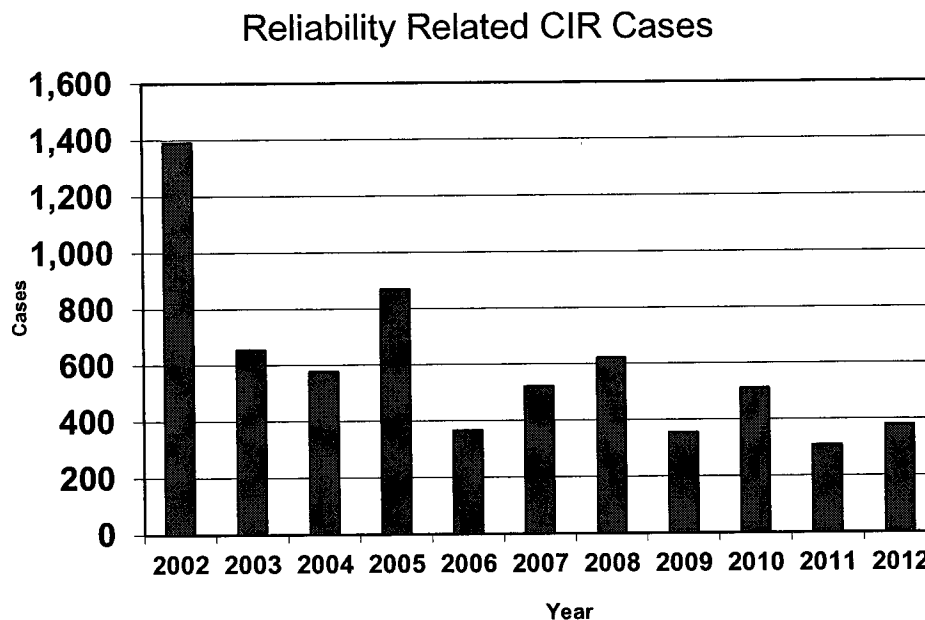
22 A. The Company's Performance Metrics group reports reliability performance  
23 each month. In addition to this monthly reliability data, the Distribution

1           Operations Center produces daily outage reporting. This information is  
2           reviewed by a large cross-section of the Distribution organization to aid  
3           decision-making and to identify short-term issues and ensure data  
4           integrity in the recording process.

5

6   Q34. WHAT IS THE COMPANY'S LONG-TERM RELIABILITY  
7       PERFORMANCE TREND?

8   A.   Reviewing the standard indices, ETI has generally improved SAIFI and  
9       SAIDI from 2002 to 2011. As I explained above, 2012 is considered an  
10      anomalous year because of the problems caused by the drought.  
11      Additionally, CIR cases related to service reliability have decreased from  
12      1,391 in 2002 to 380 in 2012. Complaints to the Public Utility Commission  
13      of Texas ("Commission"), related to reliability, have remained steady,  
14      moving from 9 in 2002 to 10 in 2012. The eleven-year trend of the CIR  
15      cases related to outages and voltage is shown in Figure 8.



**Figure 8 – Reliability Related CIR Cases 2002 – 2012**

1 Q35. HOW DO YOU MONITOR FEEDER PERFORMANCE?

2 A. ETI tracks individual feeder reliability performance via SAIFI and SAIDI.

3

4 Q36. ARE THERE ANY OTHER FEEDER-SPECIFIC MEASURES UNDER  
5 THE COMMISSION'S RULES?

6 A. Yes. ETI also evaluates its performance under the Commission's 300%  
7 feeder measure in Substantive Rule 25.52(f)(2). This measure  
8 determines if a feeder exceeds four times the system standard of SAIDI  
9 and SAIFI for two consecutive years. In 2012, ETI had zero repeat  
10 feeders in the SAIFI category and zero repeat feeders in the  
11 SAIDI category.

1 Q37. HAS THE COMPANY'S RELIABILITY PERFORMANCE REACHED A  
2 DESIRED STATE?

3 A. While the Company has improved its performance, it is not perfect, and so  
4 the Company continues to strive for improvement in the delivery of  
5 outstanding service to customers.  
6

7 Q38. PLEASE DESCRIBE EACH OF THE COMPANY'S RELIABILITY AND  
8 INFRASTRUCTURE IMPROVEMENT PROGRAMS.

9 A. The Company currently operates the following programs:

- 10 • **Vegetation Management Program:** ETI's distribution line  
11 vegetation management program consists primarily of a  
12 cycle-based proactive element, and it also includes a reactive,  
13 customer-driven component and a Tree Growth Regulator program.  
14 The proactive trim cycles are examined annually and are  
15 determined by a number of factors including growth rates, type and  
16 density of side and floor vegetation, vegetation-related outage  
17 information, time since last maintenance, and reliability. Identified  
18 circuits or areas are maintained using a combination of both  
19 conventional side trimming and herbicides depending on the  
20 specific application. The reactive program consists of investigating  
21 potential problem areas that are identified by Company personnel  
22 and/or the public and determining a course of action.

- 1       •     **Planned Improvement:** The planned improvement programs  
2             address system capacity. Projects address situations where  
3             delivery voltage or loading levels are approaching ranges that  
4             require action.
- 5       •     **Alternate Load Transfer Systems:** This program identifies new  
6             opportunities to utilize smart grid-type technology to create a  
7             system that automatically sectionalizes and self-restores in the  
8             event that an outage occurs. Proposals are planned, prioritized  
9             and implemented based on their projected impact to both SAIFI  
10            and SAIDI.
- 11      •     **Sectionalizing:** This program identifies opportunities to reduce  
12             customer exposure and customer outage minutes through the  
13             addition of automatic isolating devices and upgrading existing  
14             sectionalizing locations. Proposals are planned, prioritized and  
15             implemented based on their projected impact to both SAIFI and  
16             SAIDI.
- 17      •     **Targeted Circuits:** This program identifies circuit devices in need  
18             of reliability improvement. The Company conducts an annual  
19             analysis of its system to rank each feeder's reliability performance  
20             using (a) total individual feeder Customer Interruptions, and (b) the  
21             individual feeder's SAIFI. The feeder devices identified as the  
22             worst of the combined two components are marked for reliability  
23             inspection and improvement. Corrective actions are planned and

1           implemented in the form of prioritized engineering and  
2           maintenance solutions.

3           •   **Pole Inspection and Replacement Program:** The annual pole  
4           inspection program at ETI is a preventative program designed to  
5           identify weakened wood poles prior to failure. The program  
6           consists of both a visual and physical inspection of the structure,  
7           which includes the pole, cross-arms, and insulators. The resulting  
8           actions depend on the results of the inspection. Poles judged to be  
9           sound are tagged and receive no further action. Those that have  
10          been identified as needing additional attention are either reinforced  
11          or replaced depending on the condition of the pole.

12          •   **TACTICS Program:** Targeted Approach Centered Toward  
13          Improving Customer Service ("TACTICS") is a program designed to  
14          address specific protective devices exceeding the TACTICS  
15          threshold of momentary and sustained outages count. This  
16          program examines the outage history at the level of individual  
17          devices on a circuit, such as a line fuse. The lines served from  
18          these devices are physically inspected to identify weaknesses and  
19          potential future outage causes. Corrective actions are then  
20          planned, prioritized, and implemented.

21          •   **Equipment Maintenance Program:** This program includes  
22          recloser, capacitor bank and voltage regulator inspections. Issues

1                   are either immediately resolved in the field or reported for planning  
2                   and implementation of repair or replacement.

3           •     **Underground Cable Program:** Under this program, the Company  
4                   identifies sections of cable that meet the segment outage failure  
5                   rate criteria and establishes a repair or replacement plan.

6           •     **Backbone Feeder Program:** This program targets feeder  
7                   backbones (typically the section of the feeder from the substation  
8                   breaker to the first protective devices) with inspection and  
9                   prioritized mitigation. Inspections consist of both visual and  
10                  infrared portions.

11          •     **Internal Request Program:** This program allows employees,  
12                  customers, and other stakeholders to note deficiencies on the  
13                  distribution system and submit them into the design/repair  
14                  processes for attention. The projects are reviewed, prioritized, and  
15                  addressed on an individual basis.

16

17   Q39. PLEASE SUMMARIZE THE EFFECTIVENESS OF THE COMPANY'S  
18       VEGETATION PROGRAM.

19   A.   The effectiveness of the Company's vegetation program is most clearly  
20       demonstrated using the industry-standard reliability indices SAIFI and  
21       SAIDI, calculated for customer interruptions caused by vegetation contact  
22       from overhanging limbs, tree failure from outside the right-of-way, and tree  
23       growth into conductors. The Company's vegetation-caused SAIFI

1 average over the calendar years December 2002 to December 2012 is  
2 .352 outages, and the vegetation-related SAIDI average is 38.97 minutes  
3 over the same time frame. These numbers include the effects of the  
4 drought I described earlier.

5

6 Q40. YOU MENTION ABOVE THAT THE COMPANY EMPLOYS A  
7 CYCLE-BASED TRIMMING PROGRAM. PLEASE DESCRIBE THAT  
8 PROGRAM.

9 A. Cycle-based trimming refers to the approach the Company uses to  
10 determine how it schedules or “cycles” through its circuits for planned  
11 trimming. Different feeders have different trimming requirements because  
12 certain species of vegetation grow more quickly than others, soil types  
13 and rain patterns differ from one area to another, tree densities along a  
14 feeder vary, and other variations exist from feeder to feeder. Because of  
15 these differences, each feeder is reviewed, and a cycle time between  
16 trimmings is determined based on the needs of the individual circuit.  
17 Because orderly plans can be laid and bid to contract trimmers, the  
18 trimming can be done in a manner that is both efficient and effective at  
19 preventing vegetation-related outages. From 2002 through 2012, the  
20 Company trimmed 21,836 line miles in Texas, an average of 1,985 line  
21 miles per year.

1 Q41. UP TO THIS POINT, YOU HAVE DISCUSSED RELIABILITY UNDER  
2 NORMAL OPERATING CONDITIONS. PLEASE ADDRESS THE  
3 COMPANY'S PREPARATION AND PLANS FOR A CATASTROPHIC  
4 EVENT SUCH AS A HURRICANE, ICE STORM, OR TERRORIST  
5 ATTACK.

6 A. The Company first prepares for major threats by designing and  
7 maintaining its system to reduce the impact of severe weather events.  
8 Additionally, the company takes proactive measures to ensure timely and  
9 efficient restoration following an event.

10 The Entergy Operating Companies<sup>1</sup> ("EOCs"), including ETI, have  
11 developed industry-recognized response plans that are implemented  
12 when a catastrophic event occurs. These comprehensive plans include  
13 detailed personnel assignments, organizational structures, communication  
14 plans, logistics plans, time lines, checklists, evacuation plans,  
15 damage-assessment protocols, and mutual-assistance considerations.  
16 These plans have been implemented on a number of occasions both  
17 within the Entergy System and on the systems of other companies that  
18 Entergy assists. To ensure that the Company is prepared to effectively  
19 implement the plan when required, it conducts storm drills to test the plans  
20 and prepare personnel for a response. Our ability to restore power, in our

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<sup>1</sup> The other EOCs are: Entergy Arkansas, Inc.; Entergy Gulf States Louisiana, L.L.C.; Entergy Louisiana, LLC; Entergy Mississippi, Inc.; and Entergy New Orleans, Inc.

1 Texas service territory, after a major catastrophe was most recently tested  
2 in September 2008 with Hurricane Ike. Our professional storm team  
3 brought in over 13,000 utility workers from across the nation and restored  
4 service to all customers that could accept service in an unprecedented  
5 12-day time period. We received numerous accolades from our  
6 customers, the media, and city and other governmental officials.

7 The Entergy Operating Companies have won either Edison Electric  
8 Institute's Emergency Assistance Award or Emergency Response Award  
9 every year since the awards' inception in 1998. The awards honor  
10 companies for exemplary efforts to restore electric power interrupted by  
11 extreme weather conditions or other natural events.

12  
13 V. TEST YEAR COSTS

14 A. ETI Distribution Organization

15 1. Test Year Costs for the ETI Distribution Organization

16 Q42. PLEASE DESCRIBE, IN GENERAL TERMS, THE TYPES OF  
17 DISTRIBUTION-RELATED SERVICES THAT ETI PROVIDES FOR  
18 ITSELF AND THE TYPES OF SERVICES IT RECEIVES FROM  
19 AFFILIATES.

20 A. As I mentioned earlier, both ETI employees and ESI employees provide  
21 services necessary to operate and maintain the ETI distribution system.  
22 Typically, ETI directly incurs costs in maintaining and operating the  
23 distribution system at the field level. In contrast, management and any

1 other services that can be shared by more than one EOC, such as ETI,  
2 are generally provided by an affiliate, such as ESI, and then costs are  
3 allocated to ETI based upon its share of the service provided. For  
4 example, field personnel, who are responsible for line maintenance, are  
5 ETI employees and, thus, the costs for the services provided by these  
6 personnel are not affiliate costs. In contrast, Human Resources and other  
7 ESI corporate support services, such as Legal, support ETI's employees  
8 and services and, thus, the costs for these ESI services are affiliate costs.

9 In addition to ESI, the other EOCs may also provide services to  
10 ETI, particularly in response to area-wide emergencies and outages in  
11 ETI's service territory.

12

13 Q43. ARE THE COSTS FOR ETI'S DISTRIBUTION OPERATIONS  
14 (AFFILIATE AND NON-AFFILIATE OPERATIONS AND MAINTENANCE  
15 COSTS AND CAPITAL COSTS) THAT YOU SUPPORT IN YOUR  
16 TESTIMONY REASONABLE AND NECESSARY?

17 A. Yes. The total operations and maintenance ("O&M") costs and capital  
18 costs for the ETI distribution system incurred during the test year were  
19 both reasonable and necessary. The costs were necessary to operate  
20 and maintain ETI's distribution system in a continuous, reliable, safe,  
21 adequate, efficient, and reasonable manner. The distribution  
22 management team and the support organizations control these costs and  
23 provide these services in an effective and economical manner. In

1           general, the non-affiliate, non-fuel O&M costs were incurred by the ETI  
2           field O&M groups for salaries, materials and supplies, contractor services  
3           and the O&M component of capital improvements.

4  
5   Q44. PLEASE LIST AND BRIEFLY DESCRIBE THE TYPES OF COSTS THAT  
6       MAKE UP THE BULK OF ETI'S DISTRIBUTION-RELATED COSTS.

7   A.   Payroll, Vegetation Contract, Construction Contract, and Materials and  
8       Supplies are the types of costs that make up the bulk of the  
9       distribution-related costs, as described below:

- 10       •   Payroll – Costs pertaining to the compensation of Entergy  
11           employees, both affiliate and non-affiliate. Payroll costs include  
12           base pay, overtime pay, incentive compensation, employee  
13           benefits, and associated payroll taxes.
- 14       •   Vegetation Contract – Costs associated with the contracted  
15           services of companies specializing in vegetation management.  
16           Vegetation contract costs include contract costs for cycle trimming,  
17           as well as specific trimming, herbicide treatments, tree growth  
18           regulator applications, and clearing inside the rights-of-way.
- 19       •   Construction Contract – Costs associated with the contracted  
20           services of companies specializing in the construction of both  
21           overhead and underground electric distribution facilities.  
22           Construction contract costs include contract costs for installing new  
23           facilities, maintenance of existing facilities, and upgrades to

1 facilities to serve additional load, as well as the repair and removal  
2 of damaged facilities.

- 3 • Materials and Supplies – Costs associated with the procurement  
4 and inventory of materials necessary for the construction and  
5 maintenance of both overhead and underground electric  
6 distribution facilities. Materials and supplies costs include costs for  
7 poles, wire, transformers and other large distribution facilities, as  
8 well as minor materials, safety-related equipment and consumable  
9 supplies.

10

11 Q45. ARE ETI'S DISTRIBUTION-RELATED O&M EXPENSES ONE-TIME  
12 EXPENSES OR RECURRING ITEMS?

13 A. The distribution-related expenses requested for recovery are recurring  
14 items throughout the test year and subsequent years. The historic test  
15 year data, as adjusted, is representative of the costs ETI will continue to  
16 incur in the future to serve its customers.

17

18 Q46. ARE ETI'S DISTRIBUTION-RELATED O&M EXPENSES NECESSARY  
19 TO PROVIDE CONTINUOUS, RELIABLE SERVICE TO ITS  
20 CUSTOMERS?

21 A. Yes. These O&M expenses, as described in my testimony, are  
22 representative of the costs to be incurred for personnel and programs that  
23 are necessary to provide safe and reliable service to ETI's customers.

1           ETI could not provide electric service to its customers without incurring  
2           these types of costs to operate and maintain its distribution system.

3

4   Q47. WHAT DO YOU DO TO ENSURE THAT THESE O&M COSTS ARE  
5           REASONABLE?

6   A.   In order to ensure that ETI is keeping costs reasonable, we have a staff of  
7           highly qualified engineers, accountants and management that oversee  
8           projects and budgets through their life-cycles. As explained in my  
9           testimony, cost controls are in place to help our staff of experienced,  
10          highly trained and competent managers oversee and seek out  
11          opportunities for cost reductions or reallocations.

12

13   Q48. IS THERE ANY OBJECTIVE EVIDENCE TO SUPPORT YOUR OPINION  
14          THAT, OVERALL, THE COSTS FOR ETI'S DISTRIBUTION FUNCTION  
15          ARE REASONABLE?

16   A.   Yes. The costs are reasonable based upon a review of recent distribution  
17          non-fuel O&M expense benchmarking metrics for 21 similarly situated  
18          utilities. The figures were obtained from Federal Energy Regulatory  
19          Commission ("FERC") Form 1 data for the five years 2008-2012 and are  
20          presented in my Exhibits SBC-2A and SBC-2B.

1 Q49. HOW DID YOU SELECT THE 21 UTILITIES FOR THIS COMPARISON?

2 A. The 21 utilities selected for this comparison are similar investor-owned  
3 utilities in the Central and Southeastern United States. These 21 utilities  
4 are the same utilities that the Company has consistently used in the past  
5 for benchmarking and comparison with the exception of Duke and  
6 Progress Energy. Those utilities merged and are now shown as one  
7 combined utility. The 21 utilities serve similar geographic areas.

8

9 Q50. HOW DOES THIS DATA SHOW THAT ETI'S NON-AFFILIATE AND  
10 AFFILIATE DISTRIBUTION COSTS ARE REASONABLE AND  
11 NECESSARY?

12 A. These metrics are the type of metrics that a utility manager uses to  
13 assess the economic and operational efficiency of various activities.  
14 These comparisons, assembled from standard utility reporting by the  
15 21 electric utilities, compare costs at the FERC Form 1 level for five years  
16 of data ending in 2012. The costs cover total distribution O&M expenses  
17 excluding fuel. For ETI, the numbers include both non-affiliate and  
18 affiliate costs. The analyses compared these costs on the basis of  
19 customers served and total kWh for each utility and then ranked the  
20 companies. This comparison shows ETI's costs to be reasonable  
21 because ETI is below the mean in O&M costs. These cost statistics show  
22 that ETI is effectively managing its O&M costs on both a per-customer  
23 and per-kWh basis.

1 Q51. WHAT DO THE RANKINGS SHOW?

2 A. Figure 9 below shows the FERC Form 1 data and charts the 21 utilities in  
3 Exhibit SBC-2A, including ETI, on the variable of dollars per kWh of O&M  
4 distribution expenses from 2008 to 2012. I provide comparable charts for  
5 capital additions costs later in my testimony when I discuss distribution  
6 capital additions. This comparison demonstrates that ETI's Distribution  
7 O&M costs for the five-year period averaged 0.001881/kWh and are  
8 reasonable. This cost comparison is 33.9% below the mean of  
9 \$0.002846/kWh and ranks ETI third lowest among the 21 utilities.

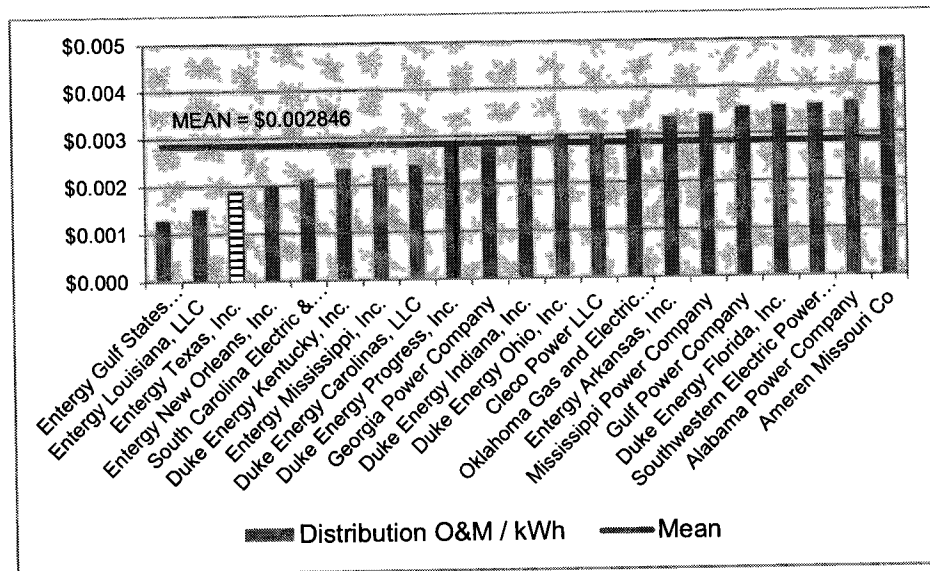


Figure 9 – 2008-2012 Distribution O&M Expenses (per kWh)

1 Q52. HOW DID ETI COMPARE ON A COST-PER-CUSTOMER BASIS OVER  
2 THE 2008-2012 PERIOD?

3 A. Figure 10 below shows the FERC Form 1 data from Exhibit SBC-2B for  
4 the 21 utilities on the variable of dollars of O&M distribution expenses per  
5 customer per year during 2008 to 2012. This comparison shows that  
6 ETI's average distribution O&M cost was \$74.31/customer, which is  
7 22.4% below the mean of \$95.73/customer. Because ETI was below the  
8 mean of these 21 utilities, this metric supports the conclusion that ETI's  
9 distribution O&M costs are reasonable.

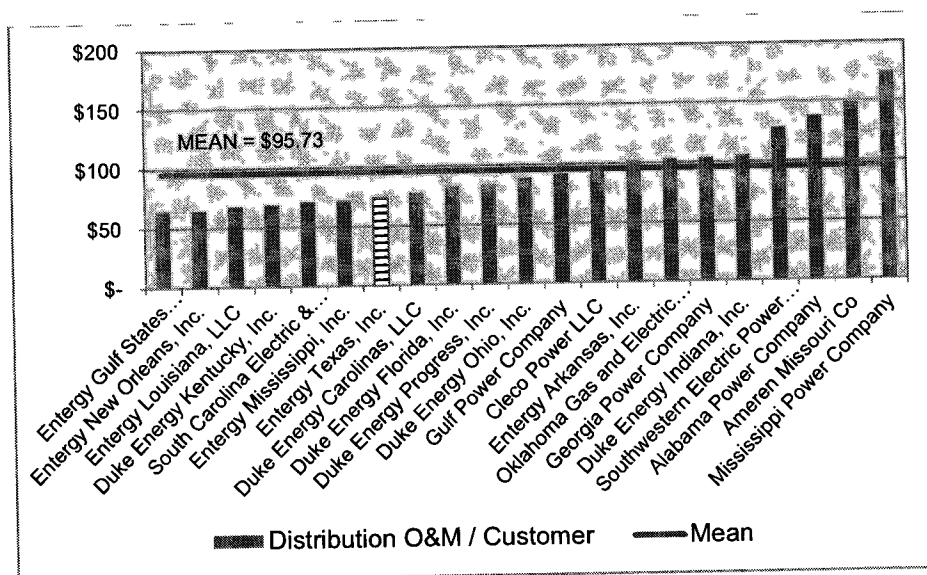


Figure 10 – 2008 – 2012 Distribution O&M Expense (per Customer)

10 2. Budget Processes and Controls

11 Q53. PLEASE DESCRIBE THE BUDGETING PROCESS FOR ETI.

12 A. Each functional area within ETI is assigned responsibility to budget and  
13 control costs for a specific set of work processes. In preparation for the

1        budgeting process, each department reviews the historic activity levels for  
2        its work processes. The operating budget and the non-reliability capital  
3        budget for each department are then developed based on expected  
4        spending levels, changing customer requirements, projected economic  
5        growth factors, on-going efficiency improvements, and the current work  
6        load for these processes. The maintenance budget and the reliability  
7        capital budget are developed in conjunction with the Load and  
8        Contingency Planning functions performed by the T&D Planning group  
9        and the Reliability and Infrastructure functions performed by the T&D  
10       Asset Management group using five-year reliability modeling strategies in  
11       place for ETI.

12                Both capital and O&M budgets for ETI are developed using a  
13       combination of six dimensions to categorize costs: Business Unit,  
14       Department, Resource, Project, Activity and Physical Location. Budgets,  
15       within each Business Unit or legal entity (such as ETI), are initially  
16       developed for each organizational department, using the "Department"  
17       dimension. Costs are budgeted based on the type of cost, such as  
18       employee salaries, materials and supplies, and office expenses, using the  
19       "Resource" dimension. Depending on the type of work the "Project"  
20       dimension will identify specific work, such as projects to serve new  
21       customers, projects to improve reliability, and projects to repair damaged  
22       facilities. "Activity" is a dimension that can be used to identify specific  
23       activities, such as acquiring rights-of-way, designing facilities, and

1 performing electric meter services. Finally, the "Physical Location"  
2 dimension allows budgeting based on the functional area.

3 The Vice President and CFO of Operations, Jurisdictional Finance  
4 Director, Director of Corporate Planning, Director of  
5 Transmission & Distribution Operations Texas, Vice President of  
6 Transmission & Distribution Asset Management, Director of Business Plan  
7 Management, Manager of Utility Operations Cost Analysis, and the  
8 Transmission & Distribution Budget Coordinator conduct various  
9 management reviews to reach concurrence on the O&M and capital  
10 spending plans. Changes are made as needed to ensure the  
11 appropriateness of the approach and the reasonableness of the proposed  
12 budgets. The President and CEO of ETI, Sallie T. Rainer, conducts the  
13 final review and approves O&M and capital spending plans. The capital  
14 budget is submitted to the Entergy Board of Directors for final approval.

15

16 Q54. PLEASE DESCRIBE HOW DISTRIBUTION COSTS ARE MONITORED.

17 A. ETI has a staff of qualified, experienced professionals who are involved in  
18 the initial budgeting process and are responsible for adherence and/or  
19 variances throughout the budget life cycle. ETI uses a number of controls  
20 to monitor and review the costs associated with distribution activities.  
21 Each organizational department monitors the variance between actual  
22 spending and budgeted amounts on a monthly basis. Each business area  
23 is required to explain spending variances and to provide estimates of

1        year-end spending levels. A financial analyst assigned to ETI assists the  
2        departments by providing reports, research, analysis and training in the  
3        use of reporting systems. Management teams hold regular meetings to  
4        review the spending levels of each business area, as well to review  
5        aggregate spending at the regional, operational and jurisdictional levels.  
6        Budget variance explanations and estimates of year-end spending levels  
7        are provided to the Vice President and CFO of Utility Operations.

8  
9        Q55. PLEASE DISCUSS HOW BUDGET REPORTS ARE USED TO  
10        MONITOR SPENDING.

11        A.    The Cost Reporting and Analysis financial reporting system allows for a  
12        variety of periodic and ad hoc budget variance reports. These reports are  
13        available to ETI's management team to assure that costs for ETI are  
14        reasonable and follow the budget plan. Budget variance reports are  
15        available at any time to each department within ETI, using one or more of  
16        the cost dimensions discussed above. Budget variance and cost reports  
17        reflect all expenditures posted to each dimension at the time the report is  
18        generated. These reports are used to prepare the monthly variance  
19        explanations, as well as to analyze cost trends and projections. Because  
20        these reports are readily available, managers can frequently review  
21        spending and make timely decisions to keep costs reasonable.

1 Q56. HOW IS COMPLIANCE WITH THE SPENDING PLANS MEASURED?

2 A. Each year, financial and performance targets for ETI are developed using  
3 a five-year planning horizon. These financial and performance targets are  
4 then translated into current year spending targets for both O&M and  
5 capital expenditures across the functional groups, such as Transmission,  
6 Fossil, and Distribution. Key financial and performance targets for ETI  
7 include O&M and capital spending plans. However, the focus is not only  
8 on cost-control targets. Cost control and financial responsibility must be  
9 viewed in conjunction with the desire for outstanding reliability and  
10 customer service. It is important for ETI to maintain and improve the  
11 reliability of its electric service and to strive for outstanding customer  
12 service. Therefore, financial and performance results are monitored and  
13 reviewed together to ensure that each department uses available financial  
14 resources to improve reliability and customer service. The result is a  
15 sustainable, high level of reliability, consistently excellent customer  
16 service, below-average costs to the customer and award-winning  
17 response to catastrophic weather events.

18

19 Q57. SEPARATE FROM THE BUDGETING PROCESS, DOES ETI  
20 UNDERTAKE OTHER MEASURES OR INITIATIVES TO CONTROL ITS  
21 COSTS OR IMPROVE ITS SERVICES?

22 A. Yes. We have multiple levels of competent management and their staffs  
23 that continuously search for and implement day-to-day improvements in

1        both controlling costs and improving the quality of service. The EOCs  
2        utilize a comprehensive structure of authorization limits for its various  
3        levels of management to ensure that controls for spending are in place.  
4        In addition, the EOCs have developed the Entergy Continuous  
5        Improvement ("ECI") program. The goal of ECI is to identify projects that  
6        improve current processes. Every employee in the EOCs has been  
7        trained on ECI principles and is encouraged to identify projects that will  
8        improve the operation of their department. Efficiencies that are identified  
9        are shared across the Entergy System through Entergy's Operating  
10       Company Review Meeting process.

11                An example of an ECI project that benefited ETI in the test year  
12        was implementation of a more efficient business continuity program that  
13        resulted in staff reductions. Customer Operations Support Partnered with  
14        Economic Development to share administrative staff, which increased  
15        financial efficiencies and workable staffing solutions for both groups.

16  
17    Q58. PLEASE PROVIDE EXAMPLES OF RECENT INITIATIVES TO  
18        CONTROL OR REDUCE COSTS FOR THE DISTRIBUTION  
19        OPERATIONS CLASS OF SERVICES.

20    A.    There have been many ECI projects in the Distribution Operations Class  
21        of Services in the test year. For example, the following two projects have  
22        resulted in significant benefits:

- Implementation of the use of trip saver re-closers eliminated a permanent outage for temporary fault conditions. It is ideally suited for the protection of customers on laterals in rural areas. Additionally, the program reduced the high cost of service calls to areas that can take up to an hour to reach by reducing callout volume, miles driven, outages, and costs.

18 Q59. WHAT ARE THE TWO CLASSES OF AFFILIATE COSTS THAT YOU  
19 SPONSOR?

20 A. I sponsor affiliate costs for the Distribution Operations Class and the T&D  
21 Support Class.

1 Q60. WHY ARE YOU THE SPONSOR FOR THESE TWO CLASSES?

2 A. I sponsor these two classes of affiliate costs because they support the  
3 daily operations for which I am directly responsible.

4

5 a. Allocations and Billing Methods

6 Q61. WHAT IS THE TOTAL ETI ADJUSTED AMOUNT FOR THE  
7 DISTRIBUTION OPERATIONS AND T&D SUPPORT CLASSES?

8 A. The Total ETI Adjusted amount for the Distribution Operations Class is  
9 \$724,361. The Total ETI Adjusted amount for the T&D Support Class is  
10 \$599,251. The direct and allocated portions of the Total ETI Adjusted  
11 amounts for the Distribution Operations Class and the T&D Support Class  
12 are shown in the table below. The table reflects the following information:

<b>Total Billings</b>	Dollar amount of total Test Year billings from ESI to all Entergy companies, plus the dollar amount of all other affiliate charges that originated from any Entergy company. This is the amount from Column (C) of the cost exhibits SBC-A, SBC-B, and SBC-C.
<b>Total ETI Adjusted Amount</b>	ETI's adjusted amount for electric cost of service after pro forma adjustments and exclusions.
<b>% Direct Billed</b>	The percentage of the ETI adjusted test year amount that was billed 100% to ETI.
<b>% Allocated</b>	The percentage of the ETI adjusted test year amount that was allocated to ETI.

**Table 1 – Total ETI Adjusted Amount For The Distribution Operations and T&D Support Classes**

Class	Total Billings	Total ETI Adjusted		
		Amount	% Direct Billed	% Allocated
Distribution Operations	\$20,174,134	\$724,361	44%	56%
T&D Support	\$9,309,016	\$599,251	43%	57%

1 Q62. PLEASE EXPLAIN THE DIFFERENCE BETWEEN COSTS THAT ARE  
2 DIRECTLY BILLED TO ETI AND COSTS THAT ARE ALLOCATED TO  
3 ETI.

4 A. Costs that originate in an affiliate company, but are applicable solely to  
5 ETI, are considered to be “directly billed” to ETI. Costs that originate with  
6 an affiliate company and are applicable to ETI and one or more other  
7 EOCs are shared across the EOCs based on the billing method used to  
8 allocate the costs. Such costs are considered to be “allocated” to ETI.

9

10 Q63. PLEASE DESCRIBE THE EXHIBITS THAT SUPPORT THE  
11 INFORMATION INCLUDED IN THE TWO CLASSES OF AFFILIATE  
12 COSTS FOR ETI.

13 A. In Exhibit SBC-A, the information is shown broken down by the  
14 departments comprising the two affiliate classes. Exhibit SBC-B shows  
15 the same information broken down by project code and the billing method

1 assigned to each project code. Exhibit SBC-C shows the information by  
2 class, department and project code. For each exhibit, the amounts in the  
3 columns represent the following information:

Column (A) – Support	Dollar amount of total Test Year billings and charges from ESI to all Entergy Business Units, plus the dollar amount of all other affiliate charges to ETI that originated from any Entergy Business Unit.
-------------------------	--

Column (B) – Service Company Recipient	Dollar amount that was included in the service company recipient allocation. Service company recipient charges are the cost of services that ESI provides to itself, which in turn are charged to affiliates that receive those services. The service company recipient allocation process is described in the testimony of Company witness Tumminello.
--	---

Column (C) – Total	Represents the sum of Columns (A) and (B).
-----------------------	--

Column (D) – All Other Business Units	That portion of Column (C) that was billed and charged to Business Units other than ETI.
--	--

Column (E) – ETI Per Books	Represents the difference between Columns (C) and (D).
-------------------------------	--

Column (F) – Exclusions	Represents amounts that are excluded from ETI electric cost of service. The exclusions are described in the testimony of Company witness Tumminello.
----------------------------	--

Column (G) – Pro Forma Amount	Pro Forma Amounts include adjustments for known and measurable changes, and corrections.
----------------------------------	--

Column (H) – Total ETI Adjusted	ETI adjusted amount requested for recovery in this case for this class (Column (E) plus Columns (F) and (G)).
------------------------------------	---

1 In her testimony, Company witness Tumminello describes the calculations  
2 that take the dollars of support services in Column A through to the total  
3 ETI Adjusted numbers shown in Column H.

4

5 Q64. PLEASE DESCRIBE THE EXCLUSIONS COLUMN SHOWN IN YOUR  
6 EXHIBITS SBC-A, SBC-B, AND SBC-C.

7 A. Column F shows items such as capital expenditures, below-the-line  
8 amounts, and amounts charged to other balance sheet accounts. These  
9 excluded amounts are discussed in Company witness Tumminello's direct  
10 testimony.

11

12 Q65. WHAT IS THE BASIS FOR ALLOCATING THE AFFILIATE COSTS TO  
13 ETI?

14 A. The ESI affiliate costs consist of services charged to one or more project  
15 codes that are created for the purpose of allocating, or billing, the costs to  
16 Entergy affiliated companies. As Company witness Tumminello explains  
17 in her direct testimony, only one billing method is assigned to each project  
18 code. Any organization performing work associated with a project code  
19 will charge its work to that project code. The billing method for that project  
20 code remains the same, regardless of the organization that does the work  
21 or the type of work performed.

22 The billing method for the project code is based on cost causation.

23 This practice of assigning and using one billing method for each project

1 code based upon cost causation assures that the price billed to ETI for  
2 the service provided under the project code is no higher than the price  
3 charged to other affiliates for the same or similar services and represents  
4 the actual cost of the service.

5 Company witness Tumminello's direct testimony provides, among  
6 other things, a listing of Entergy billing methods, project titles, and  
7 descriptions. As charges are incurred in the two affiliate classes I  
8 sponsor, they are charged to the appropriate project code, allocated  
9 based upon the applicable billing method, and then billed to each affiliate,  
10 including ETI.

11

12 Q66. WHAT WERE THE PREDOMINANT BILLING METHODS USED FOR  
13 THE TWO AFFILIATE CLASSES YOU SPONSOR?

14 A. The predominant billing methods used for the Distribution Operations  
15 Class were "DIRECTTX," "CUSTEGOP," "CUSEOPCO," and  
16 "EMPLFRAN." In addition, 15% of the costs were directly charged from  
17 affiliate Operating Companies as loaned labor. These five billing methods  
18 account for 91% of the affiliate charges to ETI for the Distribution  
19 Operations Class. The predominant billing methods used for the T&D  
20 Support Class were "DIRECTTX," "CUSTEGOP," "CUSEOPCO," and  
21 "COMCLAIM." These four billing methods account for 95% of the affiliate  
22 charges to ETI for the T&D Support Class.

1 Q67. PLEASE DESCRIBE BILLING METHOD "DIRECTTX."

2 A. Billing Method "DIRECTTX" represents ESI costs that are directly  
3 applicable to ETI only. The billing method directly bills ETI 100% of the  
4 charges.

5

6 Q68. WHY IS BILLING METHOD "DIRECTTX" APPROPRIATE TO USE FOR  
7 THOSE COSTS TO WHICH IT APPLIES?

8 A. Projects using this billing method represent costs appropriately charged  
9 solely to ETI. For example, Project F3PCTDTR06 uses billing method  
10 DIRECTTX to capture the costs of the centralized Skills Training group,  
11 which are incurred in the direct support of skills training for ETI  
12 employees.

13

14 Q69. PLEASE DESCRIBE BILLING METHOD "CUSTEGOP."

15 A. Billing method "CUSTEGOP" represents costs that are allocable to the  
16 EOCs based on the number of electric and gas customers in each EOC.  
17 This billing method allocates costs based on the twelve-month average  
18 number of electric and gas residential, commercial, and industrial,  
19 government, and municipal general business customers.

1 Q70. WHY IS BILLING METHOD "CUSTEGOP" APPROPRIATE TO USE FOR  
2 COSTS YOU SPONSOR?

3 A. ETI is one of the EOCs that receive an allocation of costs based on this  
4 billing method. For example, Project F3PCTDDS26 captures costs  
5 related to the centralized Customer Service Support group. The driver of  
6 these costs is the number of electric and gas customers in each EOC.  
7 Therefore, billing method CUSTEGOP is the appropriate billing method for  
8 these costs.

9

10 Q71. PLEASE DESCRIBE BILLING METHOD "CUSEOPCO."

11 A. Billing method "CUSEOPCO" represents costs that are allocable to the  
12 EOCs based on the number of electric customers in each EOC. This  
13 billing method allocates costs based on the twelve-month average number  
14 of electric residential, commercial, industrial, government, and  
15 municipal customers.

16

17 Q72. WHY IS BILLING METHOD "CUSEOPCO" APPROPRIATE TO USE FOR  
18 COSTS YOU SPONSOR?

19 A. ETI is one of the EOCs that receive an allocation of costs based on this  
20 billing method. For example, Project F3PCTDPQ01 captures costs of the  
21 centralized Distribution Standards and Engineering Services group related  
22 to distribution power quality. The driver of these costs is the number of

1 electric customers in each EOC. Therefore, billing method CUSEOPCO  
2 is the appropriate billing method for these costs.

3

4 Q73. PLEASE DESCRIBE BILLING METHOD "EMPLFRAN."

5 A. Billing method "EMPLFRAN" represents costs that are allocable to the  
6 EOCs based on the number of full and part-time employees within  
7 distribution operations.

8

9 Q74. WHY IS BILLING METHOD "EMPLFRAN" APPROPRIATE TO USE FOR  
10 THE COSTS THAT YOU SPONSOR IN THE DISTRIBUTION  
11 OPERATIONS CLASS?

12 A. ETI is one of the EOCs that receive an allocation of costs based on this  
13 billing method. For example, Project F3PCTDS010 captures costs  
14 associated with Process and Skills Training for operational employees.  
15 Costs are directed towards ensuring consistent well-developed training  
16 programs that equip employees with the process and skills training  
17 necessary to do their jobs. The driver of these costs is the number of  
18 employees within jurisdictional operations. Therefore, billing method  
19 EMPLFRAN is the appropriate billing method for these costs.

20

21 Q75. PLEASE DESCRIBE BILLING METHOD "COMCLAIM."

22 A. Billing method "COMCLAIM" represents costs that are based on the  
23 number of open workers' compensation claims for each Legal Entity.

1 Q76. WHY IS BILLING METHOD "COMCLAIM" APPROPRIATE TO USE FOR  
2 THE COSTS THAT YOU SPONSOR IN THE T&D SUPPORT CLASS?

3 A. ETI is one of the Legal Entities that receives an allocation of costs based  
4 on this billing method. For example, Project F3PCTWCOMP captures  
5 costs associated with Entergy's Workers' Compensation claims. The  
6 driver of these costs is the number of open worker's' compensation  
7 claims. Therefore, billing method COMCLAIM is the appropriate billing  
8 method for these costs.

9

10 Q77. ABOVE YOU HAVE ADDRESSED 91% AND 95% OF THE TOTAL ETI  
11 ADJUSTED COSTS ASSOCIATED WITH THE DISTRIBUTION  
12 OPERATIONS AND THE T&D SUPPORT CLASSES, RESPECTIVELY.  
13 HAVE YOU REVIEWED THE REMAINING 9% AND 5% OF TOTAL ETI  
14 ADJUSTED COSTS ASSOCIATED WITH THESE TWO CLASSES,  
15 RESPECTIVELY?

16 A. Yes. I have reviewed the other projects codes and different billing  
17 methods that were used for the remaining 9% and 5% of such costs. The  
18 remaining billing methods are set forth in my Exhibit SBC-B.

1 Q78. HAVE YOU DETERMINED THAT THE APPROPRIATE PROJECT  
2 CODES AND BILLING METHODS HAVE BEEN USED FOR THE  
3 REMAINING 9% AND 5% OF TOTAL ETI ADJUSTED COSTS  
4 ASSOCIATED WITH DISTRIBUTION OPERATIONS AND T&D  
5 SUPPORT CLASSES RESPECTIVELY?

6 A. Yes. I have reviewed the other project codes and associated billing  
7 methods used for the remaining 9% and 5% of the Total ETI Adjusted  
8 costs associated with the Distribution Operations and T&D Support  
9 Classes, and they are reasonable. The costs associated with the  
10 remaining billing methods are consistent with and reflect the services  
11 captured in each respective project code. The unit cost to ETI as a result  
12 of the application of these billing methods is no higher than the unit cost to  
13 other affiliates for the same or similar services and represents the actual  
14 cost of the services.

15

16 Q79. WHAT IS THE PURPOSE OF THE SERVICES PERFORMED WITHIN  
17 THE TWO AFFILIATE CLASSES THAT YOU SPONSOR?

18 A. The purpose of these services is to leverage the economies of scale by  
19 utilizing centralized organizations that provide similar services to the  
20 affiliates. These centralized organizations support ETI's field operations  
21 in its efforts to provide safe, reliable, economic distribution service to all of  
22 its customers.

1 Q80. ARE THESE SERVICES NECESSARY?

2 A. Yes. The Distribution Operations Class services and the T&D Support  
3 Class services are critical to enabling ETI to provide the overall electric  
4 service requirements to meet its customers' needs. If these services were  
5 not provided by the centralized organizations, they would have to be  
6 provided by duplicate organizations in each of the EOCs.

7

8 b. Affiliate Services for the Distribution Operations and T&D Support Classes

9 i. Description of Distribution Operations Class

10 Q81. WHAT ARE THE MAJOR COST COMPONENTS OF THE CHARGES  
11 FOR THE DISTRIBUTION OPERATIONS CLASS?

12 A. As shown on Exhibit SBC-A, the Total ETI Adjusted billings for the  
13 Distribution Operations Class during the test year was \$724,361. The  
14 major components of those costs are as follows:

**Table 2 – Distribution Operations Class Cost Components**

Cost Component	Cost	% of Total
Payroll and Employee Costs	\$488,157	67%
Other	\$105,030	14%
Office and Employee Expenses	\$61,480	8%
Service Company Recipient	\$59,711	8%
Outside Services	\$9,983	1%
TOTAL	\$724,361	100%

Amounts may not add up or tie due to rounding.

1 Q82. WHAT IS THE SIGNIFICANCE OF THESE COST CATEGORIES?

2 A. The costs shown in Table 2 comprise the Total ETI Adjusted amount for  
3 the Distribution Operations Class. This breakout of costs provides an  
4 additional "view" of the components of the costs in this class. Other  
5 witnesses in this case may also provide indirect support for these costs  
6 because they address the corporate structures and practices that underlie  
7 these costs. For example, the table demonstrates that 67% of the costs  
8 in the Distribution Operations Class are labor-related costs (Payroll and  
9 Employee Benefits). Company witness Jennifer A. Raeder discusses  
10 ESI's overall payroll and benefits-related structure and practices. The  
11 "Service Company Recipient" row of the table pertains to costs common  
12 throughout ESI, such as information technology, rents, and human  
13 resources. These costs are spread to all affiliate classes, as is explained  
14 by Company witness Tumminello. The "Office and Employee Expenses"  
15 category covers the costs of maintaining work spaces and office supplies.  
16 Company witness Thomas C. Plauché also addresses these types of  
17 costs in his testimony. "Outside Services" pertains to services provided by  
18 non-Entergy employees and firms, such as outside consultants  
19 and vendors.

1 Q83. PLEASE LIST THE MAJOR SERVICES WITHIN THE DISTRIBUTION  
2 OPERATIONS CLASS.

3 A. The major services are:

- 4 • Load and Contingency Planning;
- 5 • Reliability and Infrastructure Management;
- 6 • System Outage Response Management;
- 7 • Vegetation Management;
- 8 • Standards;
- 9 • Engineering Services; and
- 10 • Contractor Management.

11

12 Q84. PLEASE DESCRIBE EACH OF THESE SERVICES.

13 A. The Distribution Operations Class includes the following services:

- 14 • **Load and Contingency Planning** analyzes ETI's distribution  
15 system to determine the system's capability to operate reliably and  
16 makes plans to ensure reliable operations. It provides  
17 infrastructure planning (which includes conceptual engineering and  
18 economic analysis for reliability projects), capital project analysis,  
19 project approval, and budgeting to enhance the reliability of the  
20 distribution system. To maintain and enhance system reliability for  
21 ETI's customers, Load and Contingency Planning carries out the  
22 following types of activities:

- 1                   •     load forecasting;
- 2                   •     five-year distribution planning;
- 3                   •     contingency restoration projects;
- 4                   •     load-related projects;
- 5                   •     system integrity planning and preparedness; and
- 6                   •     capital expenditure planning.
- 7           •     **Reliability and Infrastructure Management** is necessary to
- 8                   maximize distribution circuit availability, minimize the number of
- 9                   interruptions, reduce the number of circuit segments experiencing
- 10                  multiple outages, and ensure the integrity of the infrastructure.
- 11                  More specifically, Reliability and Infrastructure Management is
- 12                  responsible for designing, coordinating, and overseeing the
- 13                  following types of activities:
- 14                   •     distribution guidelines and reliability standards;
- 15                   •     reliability program strategies;
- 16                   •     reliability performance planning;
- 17                   •     pole inspection program;
- 18                   •     targeted circuits inspection;
- 19                   •     underground cable program;
- 20                   •     equipment inspection;
- 21                   •     equipment maintenance program;
- 22                   •     lightning mitigation;
- 23                   •     animal mitigation; and

- 1                   •       the TACTICS program.
- 2           •       **System Outage Response Management** provides central
- 3                   oversight for system emergencies. Services include monitoring the
- 4                   distribution system for operational status, coordinating emergency
- 5                   preparedness drills, performing weather monitoring and alert
- 6                   notification, serving as the liaison to mutual-assistance utility
- 7                   groups, coordinating with federal and state emergency agencies,
- 8                   and developing and maintaining the emergency restoration/storm
- 9                   recovery plan. During a major event, when resources are needed
- 10                  from outside ETI, the services include central coordination and the
- 11                  provision of resources both from within and outside the Company,
- 12                  overseeing and coordinating the system's restoration efforts,
- 13                  serving as the coordinator of assistance from other utilities, and
- 14                  preparing post-storm evaluations.

15                       Among other activities, System Outage Response  
16                       Management is responsible for the following work:

- 17                   •       oversight and coordination of the response to major outage
- 18                   events;
- 19                   •       coordinate damage assessment;
- 20                   •       weather monitoring and alerts;
- 21                   •       outage information, including restoration estimates;
- 22                   •       coordinating work with federal, state, and local emergency
- 23                   agencies;
- 24                   •       emergency restoration plans and readiness;

- 1                   •       proactive storm planning;
- 2                   •       procurement and deployment of system and work crews;
- 3                   •       coordinating all internal and external communications;
- 4                   •       notification of all major events to key operating personnel;
- 5                   •       post-storm evaluations; and
- 6                   •       training to increase the effectiveness of outage restoration.
- 7           •       **Vegetation Management** provides central management, program
- 8                   development, and the administration of the EOCs' (including ETI's)
- 9                   Vegetation Management programs and associated contracts for
- 10                  vegetation management and tree trimming services. Among other
- 11                  activities, Vegetation Management is responsible for vegetation
- 12                  management, strategies, planning, and program development,
- 13                  including:
- 14                   •       proactive cycle-based vegetation clearance;
- 15                   •       utilization of mechanical and chemical treatment methods;
- 16                   •       achieving system-wide economy scale pricing;
- 17                   •       well-maintained and clear distribution lines;
- 18                   •       line clearing for new lines and construction;
- 19                   •       reactive line clearing for reliability events such as storms;
- 20                   and
- 21                   •       administration of the vegetation management contracts.
- 22           •       **Distribution Standards** develops and manages distribution
- 23                  standards, including specifications for line design and construction,
- 24                  materials, tools and equipment, and service policies.

- 1       •     **Engineering Services** provides support for the systems and
- 2             processes involved in engineering and design of the distribution
- 3             system.
- 4       •     **Contractor Management** provides support for locating and
- 5             qualifying new contractors, as well as bidding, securing, renewing
- 6             and administering contracts.

7

8     Q85. PLEASE DESCRIBE THE EMERGENCY DRILLS YOU MENTIONED  
9       EARLIER IN YOUR TESTIMONY.

10    A.    The EOCs, as a group, conduct annual drills to test its emergency  
11           procedures and responses. System Outage Response Management  
12           develops and then conducts drills that are tailored specifically to the  
13           characteristics of the Entergy System and the EOCs' service territories.  
14           From these drills, along with real events, Entergy assesses its  
15           performance and adjusts its outage response plans accordingly.

16           The purpose of these drills is to test each EOC's ability to:

- 17           •     provide effective advance warning of a pending natural  
18                 disaster;
- 19           •     act quickly and decisively to safely restore power under  
20                 different scenarios in the most effective manner;
- 21           •     act decisively to establish control of vital communications  
22                 systems;
- 23           •     present credible and timely communications to all  
24                 customers; federal, state, and local officials, public safety  
25                 agencies, and emergency and disaster preparedness

1 agencies; hospitals; private relief organizations; and print,  
2 radio, and TV news outlets;

- 3 • be responsive to customer and public expectations;
- 4 • continually improve the integration of all parts of the  
5 emergency response plan; and
- 6 • ensure that restoration plans and equipment are in good  
7 working order and are up to date.

8

9 Q86. YOU HAVE DISCUSSED THE SUPPORT PROVIDED BY THE  
10 DISTRIBUTION OPERATIONS CLASS. ARE THE COSTS OF THIS  
11 CLASS REASONABLE?

12 A. Yes. The Distribution Operations Class of services is managed effectively  
13 and performed efficiently through the use of experienced, well-trained  
14 professionals. These services have contributed to improving system  
15 operations and reliability in a cost-effective manner by taking advantage of  
16 economies of scale, as I described earlier in my testimony.

17

18 ii. Description of T&D Support Class

19 Q87. WHAT ARE THE MAJOR COST COMPONENTS OF THE CHARGES  
20 FOR THE T&D SUPPORT CLASS?

21 A. As shown on Exhibit SBC-A, the Total ETI Adjusted amount for the T&D  
22 Support Class during the test year was \$599,251. The major components  
23 of those costs are as follows:

**Table 3 – T&D Support Class Cost Components**

Cost Component	Cost (\$)	% of Total*
Payroll and Employee Costs	\$445,665	74%
Office and Employee Expenses	\$83,527	14%
Service Company Recipient	\$55,609	9%
Outside Services	\$12,260	2%
Other	\$2,191	<1%
TOTAL	\$599,251	100%

\*Amounts may not add up or tie due to rounding.

1 Q88. WHAT IS THE SIGNIFICANCE OF THESE COST CATEGORIES?

2 A. The costs shown in this table comprise the Total ETI Adjusted amount for  
3 the T&D Support Class. As noted above regarding the Distribution  
4 Operations Class, other witnesses in this case may also provide indirect  
5 support for these costs because they address the corporate structures  
6 and practices that underlie these costs. For example, the table  
7 demonstrates that 74% of the costs in the T&D Support Class are  
8 labor-related costs (Payroll and Employee Costs). Company witness  
9 Raeder discusses ESI's overall payroll and benefits-related structure and  
10 practices. The "Service Company Recipient" row of the table pertains to  
11 costs common throughout ESI, such as general information technology,  
12 rents, and human resources, as explained by Company witness  
13 Tumminello. The "Office and Employee Expenses" component covers the  
14 costs of maintaining work spaces and office supplies, which are  
15 supported, in part, by Company witness Plauché.

1 Q89. PLEASE LIST THE MAJOR SERVICES WITHIN THE T&D SUPPORT  
2 CLASS.

3 A. The major services are:

- 4 • Performance Measurements;
- 5 • System Development;
- 6 • Budget Development and Support;
- 7 • Safety and Skills Training;
- 8 • Claims Management;
- 9 • Environmental Management; and
- 10 • Fleet Management.

11

12 Q90. PLEASE DESCRIBE EACH OF THESE SERVICES.

13 A. The T&D Support Class includes the following services:

- 14 • **Performance Measurements** provides the following support:  
15 (1) advice to enable the Distribution Organization to measure its  
16 performance; (2) coordination of benchmarking services for the  
17 T&D operations; and (3) regulatory and litigation support.
- 18 • **System Development** provides a variety of services related to  
19 developing, testing, and applying information systems relating to  
20 the transmission and distribution systems of the EOCs, including  
21 ETI. System Development provides the interface between  
22 Information Technology ("IT") and ETI personnel. The IT piece of

these systems is technical and involved. System Development bridges the gap between the technical systems and the field personnel. The main products and services this organization supports for the T&D operations units are:

- *AM/FM and Outage Management* - These systems provide vital information on predicted outage location, probable distribution circuit device impacted, and an estimate of how long it will take to repair and restore service to call center agents, the Distribution Operations Center, and field personnel.
- *Graphical Design Tool ("GDT")* - The GDT is new software that Entergy purchased from GE and has implemented throughout the Distribution Design organization during the first half of 2013. The Distribution Designers use GDT to create construction work orders for new electric distribution installations as well as designed modifications to the existing distribution system. GDT has analytical tools which aid the designers by determining if the current design complies with Entergy's Engineering Guidelines for structural integrity, proper clearances, and various electrical parameters.
- *Mobile Data Terminals* - This system is a communications infrastructure using mobile technology to route work directly to vehicles and workers in the field. This technology is

1 critical in increasing efficiency and decreasing response  
2 times in routine field operations.

3 • **Budget Development and Support** provides business and  
4 operational planning, budget preparation, and forecasting and  
5 trending analysis for ETI. The specific services include:

- 6 • preparation of financial and accounting reports;
- 7 • consolidation of financial accounting data for corporate and
- 8 regulatory agencies (PUC, FERC, etc.);
- 9 • preparation of budget guidelines and training;
- 10 • fiscal analysis (trends, forecasts, deviation reports); and
- 11 • financial system development.

12 • **Safety and Skills Training** creates a safe work environment,  
13 reduces the human suffering and expenses caused by accidents,  
14 and eliminates fines for non-compliance with safety regulations.  
15 Specifically, the organization provides the following services:  
16 (1) reviews OSHA and DOT-RSPA regulations to ensure all  
17 applicable regulations have been addressed; (2) provides public  
18 safety demonstrations; (3) provides support in emergency  
19 situations in accordance with established emergency restoration  
20 plans; (4) complies with all reporting requirements, as specified by  
21 law; (5) develops, implements, and conducts all safety training for

1           the Transmission and Distribution organizations; and (6) facilitates  
2           safety procedures within work groups.

3           •     **Claims Management** is responsible for cost-effectively managing  
4           liability claims, educating the public on the safety risks of electricity,  
5           and recovering the cost of damages to the EOCs' facilities. Claims  
6           Management handles the following risks for Transmission,  
7           Distribution, Fossil, Nuclear South, and the EOCs: public and  
8           vehicle liability, employee injury and workers' compensation claims,  
9           and liability collections relating to damage to facilities caused by  
10          the public. With respect to damage collection claims, Entergy  
11          Claims Management (or ESI) supported ETI in collecting over 84%  
12          of the value of claims billed to responsible parties in 2012.

13          •     **Environmental Management** provides the following services  
14          for ETI:  
15                •     develops and maintains system-wide processes for  
16                monitoring and interpreting federal and environmental laws  
17                and regulations;  
18                •     identifies new or modified regulatory requirements and  
19                develops cost-effective plans for achieving compliance while  
20                minimizing operational impacts and costs;  
21                •     develops and maintains compliance strategies, programs,  
22                and guidance documents that can be used throughout the  
23                Transmission and Distribution organizations;

- 1                   •     standardizes, to the extent practical, the compliance plans  
2                             and procedures to allow for the efficient utilization of staff on  
3                             a system-wide basis when required;
- 4                   •     promotes operational compliance through formal and  
5                             informal compliance assessment and training activities; and
- 6                   •     minimizes liabilities associated with operations by careful  
7                             oversight of regulated activities, materials, and waste.
- 8                   •     **Fleet Management** provides the following services for ETI:
  - 9                             •     manages the acquisition, repair and maintenance of the fleet  
10                                 of hydraulic units, light-duty vehicles, and specialty  
11                                 equipment;
  - 12                             •     develops a standardized set of vehicles that are available to  
13                                 each EOC, thus reducing overall costs;
  - 14                             •     manages the fuel card program for all the vehicles in each  
15                                 EOC, and manages the acquisition of fuel for some EOC  
16                                 vehicles;
  - 17                             •     identifies new or modified Department of Transportation  
18                                 ("DOT") regulations, and develops cost-effective plans for  
19                                 achieving compliance while minimizing operational impacts  
20                                 and costs;
  - 21                             •     maintains records for all commercial drivers to ensure  
22                                 compliance with all DOT regulations; and

- 1                   • manages vehicle licensing, inspections and titles for  
2                   each EOC.

3  
4   Q91. HOW IS THE COMPANY PERFORMING IN THE AREA OF SAFETY?

5   A.   The Company continues to be a top performer in the area of safety. ETI's  
6       five-year (2008-2012) moving average Recordable Accident Index ("RAI")  
7       is at 2.56 and the Lost Work Day Incident Rate ("LWDIR") is at 1.49 as  
8       shown in Figure 11. Through June 2013, Safety performance shows ETI  
9       with a 0.98 RAI and a 0.98 LWDIR.

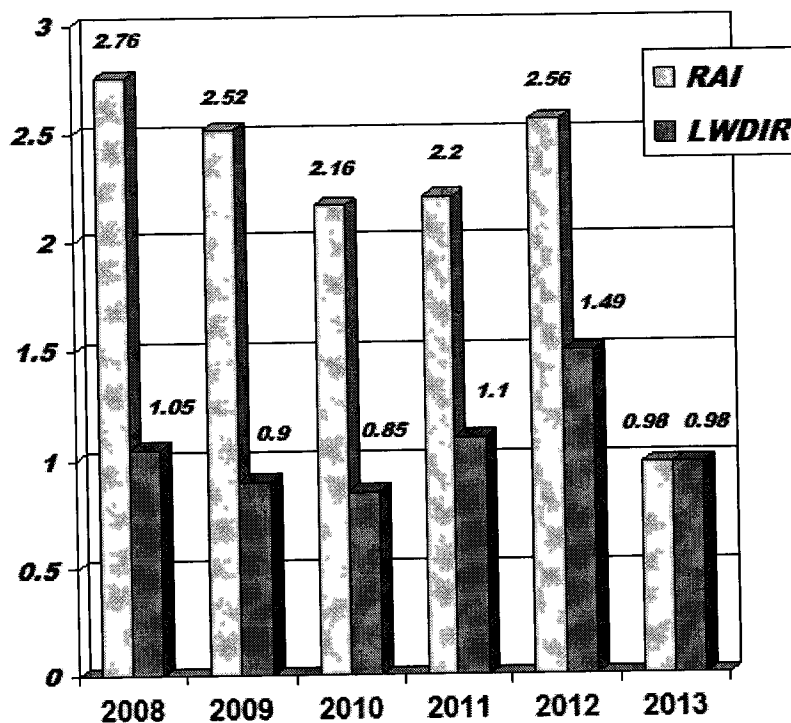


Figure 11 – 6 Year Moving Average RAI and LWDIR (through June 2013)

1 Q92. HOW DOES ENTERGY COMPARE IN THE AREA OF SAFETY TO  
2 OTHER ELECTRIC UTILITIES?

3 A. Entergy continues to be a leader in safety among other electric utilities.  
4 The Company is a member of an organization called the Southwest  
5 Electric Safety Exchange ("SWESE"). SWESE is made up of 15 electric  
6 utility companies in the southern and southwestern portions of the United  
7 States. On an annual basis, SWESE prepares a ranking of reporting  
8 companies based upon RAI. The following table reflects how Entergy  
9 compares with the other companies.

**Table 4 – Entergy Ranking among SWESE Organization for RAI**

YEAR	RANKING	NUMBER OF COMPANIES REPORTING
2012	2	15
2011	1	14
2010	1	10
2009	1	14
2008	1	16
2007	1	15

10 iii. Budget Planning

11 Q93. DOES THE TRANSMISSION AND DISTRIBUTION ORGANIZATION  
12 HAVE IN PLACE A BUDGETING PROCESS TO CONTROL COSTS FOR  
13 THE DISTRIBUTION OPERATIONS AND T&D SUPPORT CLASSES?

14 A. Yes. The budget process for controlling costs for the Distribution  
15 Operations and T&D Support Classes of affiliate costs is the same as the  
16 budget process described earlier in my testimony for ETI direct costs.  
17 The controls in place are competent managers and analysts who oversee

1 and monitor end-to-end budgeting and reporting processes throughout the  
2 year. Any major variance in cost requirements is immediately addressed  
3 through root cause analysis, project priority determination, evaluation of  
4 benefits, and availability of funding, possibly from other areas.

5

6 Q94. IS COMPLIANCE WITH THE BUDGET FOR THESE CLASSES OF  
7 SERVICE MONITORED?

8 A. Yes. Numerous reports describing budget variances and trends are  
9 available to the management team on a continuous basis. The Cost  
10 Reporting and Analysis financial reporting system allows for analysis by  
11 any combination of the cost dimensions previously discussed, as well as  
12 by FERC and regulatory views.

13

14 Q95. ARE TRANSMISSION AND DISTRIBUTION OPERATIONS  
15 EMPLOYEES HELD ACCOUNTABLE FOR DEVIATIONS FROM  
16 BUDGET FOR THIS CLASS OF SERVICES?

17 A. Yes. Transmission and Distribution Operations management is held  
18 responsible for controlling costs within their responsibility budget. Any  
19 significant variances are addressed by both affiliate department  
20 management and Transmission and Distribution Operations Management  
21 during monthly budget review sessions. The variances are analyzed, and  
22 strategies are developed to bring these variances in line immediately or  
23 within the budget year.