

**Réponses du Transporteur et du Distributeur à la  
demande de renseignements numéro 1 de  
l'Acef de Québec («ACEFQ»)**

**Annexes**

**Réponse à la question 6.2**



**PERFORMANCE INCENTIVE MECHANISM**

**Agreed in**

**Negotiated Settlement Process (NSP)**

**R-3599-2006**

**BETWEEN:**

**Association des consommateurs industriels de gaz (ACIG)**

**Canadian Federation of Independent Business (CFIB)**

**Corporation des propriétaires immobiliers du Québec (CORPIQ)**

**Gaz Métro Limited Partnership (Gaz Métro)**

**Groupe de recherche appliquée en macroécologie (GRAME)**

**Option Consommateurs (OC)**

**Regroupement des organismes environnementaux en énergie (ROÉÉ)**

**Regroupement national des conseils de l'environnement du Québec (RNCREQ)**

**Stratégies énergétiques et Association québécoise de lutte contre la pollution (S.É./AQLPA)**

**Union des consommateurs (UC)**

**Union des municipalités du Québec (UMQ)**

1  
2 An adjustment to reflect the spread between the actual costs and the projections in the rate  
3 application (in connection with the *GEEP*), will be included in a remunerated deferral account,  
4 which will, following the approval of the *Régie* of the amounts that can be included therein, be  
5 incorporated into rates in the following year. If necessary, the *Régie* could be asked for its  
6 approval during a year as part of an accelerated review process.  
7

### 8 **Transmission and Load Balancing**

9 Quantification and incorporation of transmission and load balancing *Exclusions* into rates will be  
10 done in the rate application and from time to time during the year if there are any changes  
11 affecting prices. In particular, such periodic adjustments are necessary in the context of  
12 unbundled rates so that rates always reflect the current prices of transmission and load balancing  
13 tools.  
14

### 15 **Application in Rate Application**

16 The rate application will show the progression of the *Revenue Cap* by applying the formula  
17 described in section 3.1.1. With respect to *Exclusions*, the calculated *Revenue Cap* will be  
18 adjusted for the monetary impact arising from the sum of the following known or projected items  
19 at the beginning of the year:  
20

- 21 • impact of the variation in the average cost of the portfolio of *Gaz Métro*'s transmission  
22 and load balancing tools. This average cost will reflect changes in the price of the tools  
23 (either known or projected) as well as changes in the portfolio of tools, the latter having  
24 to have been recognised by the *Régie*;
- 25 • where applicable, stranded costs resulting from unbundled services recognised by the  
26 *Régie*.  
27

### 28 **Application in the Course of the Year**

29 When there are price changes during a year as the result of a decision by a regulatory body, rates  
30 will be adjusted automatically. This adjustment will be included in the determination of the  
31 *Revenue Cap* at the beginning of the following year.  
32  
33

### 34 ***3.1.6 Previous Productivity Gains***

35 The return of the *Previous Productivity Gains* in the *Revenue Cap* will be based on the moving  
36 average for the previous five years. The difference between the productivity gain for year t-5 and  
37 the moving average for years t-5 to t-1 will be amortized over five years starting in year t.  
38

### 39 **3.2 Sharing**

40 The items to be shared are:

- 1
- 2 1. Projected *Productivity Gains* or *Excesses*, corresponding to the difference between the
- 3 *Revenue Cap* and the *Required Revenue* in the annual rate application;
- 4 2. Gains or losses realised during the year, after rates have been approved, and recognised
- 5 in the year-end review (*Over-earnings* or *Shortfall*).
- 6

7 **3.2.1 Sharing Formula**

8 The agreed sharing of gains will vary depending on whether the sharing occurs at the rate  
 9 application phase or the year-end review:

Phase	Sharing of gains	
	<i>Gaz Métro's</i> maximum share <sup>(1)</sup>	Customers' minimum share <sup>(2)</sup>
Rate application	50%	50%
Year-end review	25%	75%

11 (1) Up to a maximum incentive return of 375 basis points annually. Any amount in excess of 375 basis  
 12 points will be fully returned to customers.

13 (2) Plus excess over 375 basis points that will be returned in the customers' share.

14  
 15 These percentages were determined with the objective of motivating *Gaz Métro* to submit  
 16 forecasts which are as realistic as possible. Accordingly, *Gaz Métro* will retain a larger portion  
 17 of its *Productivity Gains* if these gains are submitted beforehand, at the time of the rate  
 18 application, rather than achieved during the course of the year and, thus, considered *Over-*  
 19 *earnings*. In the rate application, *Gaz Métro* will therefore be motivated to estimate all of the  
 20 gains it expects to earn in order to receive a larger incentive.

21  
 22 As *Gaz Métro* has to sustain the gains generated throughout the performance incentive  
 23 mechanism in order to ensure its subsequent gains, the gains projected in the rate application will  
 24 represent primarily "recurring" gains. As the gains at the end of the year are more related to  
 25 economic than structural aspects, *Gaz Métro's* share of the year-end gains has been maintained at  
 26 25%. Recurring gains realized during the year that were not forecast in the rate application by  
 27 *Gaz Métro* will be incorporated in the forecasts in the rate application for the following rate year.

28  
 29 If in a given year, *Productivity Gains* turn out to be lower than forecast, *Gaz Métro* will absorb  
 30 the difference up to the amount of its share of the *Productivity Gains*, beyond which, any  
 31 *Shortfall* will be shared by *Gaz Métro* and the customers.

32  
 33 The sharing of losses will also vary depending on whether they are observed at the rate  
 34 application or year-end review report phase:

Phase	Sharing of losses	
	<i>Gaz Métro's</i> share	Customers' share
Rate application	0%	100%
Year-end review	50%	50%

The sharing of losses will be 100%/0% in the rate application and 50%/50% in the year end review. *Excesses* over the anticipated *Revenue Cap* in the rate application will be fully recovered in rates; they will, however, be subsequently reimbursed, with interest at the weighted cost of capital, by way of subsequent *Productivity Gains* or *Over-earnings*, 100% of which will be returned to customers, up to the amount of accumulated *Excesses*. One-half of amounts not yet reimbursed at the termination of the performance incentive mechanism will be reimbursed to customers at the end of the period. The amount to be reimbursed to customers cannot exceed 0.75% of the total amount of the rate base.

Examples of the sharing formula under different scenarios are shown in Appendix 1.

### 3.2.2 *Sharing of Transmission and Load Balancing Over-earnings and Shortfalls*

The transmission and load balancing *Over-earnings* or *Shortfalls* addressed below can come from two sources:

1. operating transactions, which involve selling transmission and load balancing tools not required during a year to meet forecast demand in the supply plan approved by the *Régie* in connection with the rate application;
2. financial transactions, which are transactions involving transmission and load balancing tools that do not have a net impact on the total quantity of the transmission and load balancing tools available on an annual basis (e.g. loans of storage space to maximize the utilisation of storage tools).

The two revenue sources will be separated and treated differently.

#### **Operating Transactions:**

Operating transactions will be treated as follows:

- In rate application:
  - > The revenue that is likely to be earned from operating transactions will be projected. An average price will be calculated by dividing the projected revenue by the forecast volumes for such transactions;

- 1       • In year end review report:  
2  
3           > The revenue earned on all such transactions will be compared to the revenue  
4           projected in the rate application. A portion of the favourable or unfavourable  
5           difference in the total revenue will be calculated separately and shared by *Gaz*  
6           *Métro* and the customers. That portion will be the difference between the average  
7           price earned (actual revenue divided by actual volumes traded) and the average  
8           price projected in the rate application, multiplied by the lesser of the forecast or  
9           the actual volume;  
10  
11          > That portion of the difference will be shared 25% by *Gaz Métro* and 75% by the  
12          customers, whether or not *Gaz Métro* attains the base return, the incentive return  
13          or *Over-earnings*;  
14  
15          > The remainder of the difference (total difference less difference shared) will be  
16          treated like any other revenue and may therefore enable *Gaz Métro* to earn its  
17          base return, its incentive return or *Over-earnings*, which will be shared in  
18          accordance with the rules herein.  
19  
20

### 21 **Financial Transactions:**

22  
23 Financial transactions will be treated as follows:  
24

- 25       • The revenue that will likely be earned from financial transactions will be projected in  
26       the rate application;  
27       • Revenue earned from financial transactions will be calculated apart from operating  
28       transactions in the year end review report. The revenue earned from all transactions of  
29       this type will be compared to the revenue projected in the rate application;  
30       • If actual revenues are lower than the projected revenues, the difference will be included  
31       in a deferral account and fully recovered from customers in the subsequent rate  
32       application;  
33       • If actual revenues are higher than the projected revenues, the difference will be shared  
34       25%/75% by *Gaz Métro* and the customers whether or not *Gaz Métro* attains the base  
35       return, the incentive return or *Over-earnings*;  
36

### 37 **3.2.3 Over-earnings or Shortfalls**

38 At the end of the year, *Over-earnings* will be calculated by comparing the actual return to the  
39 authorized rate of return (the rate generated by the methodology retained by the *Régie* to replace  
40 the *Rate of Return Formula*) to which will be added, if applicable, the incentive return allowed to  
41 *Gaz Métro* in the rate application.  
42

1 For purposes of simplicity, the reimbursement of potential *Over-earnings* will be made through  
2 rates and will be treated as an *Exclusion*. In fact, since such reimbursements are not permanent,  
3 they cannot be permanently incorporated into rates.

4  
5 *Shortfalls* will be calculated by comparing the actual return (as at present) to the return generated  
6 by the methodology retained by the *Régie* to replace the *Rate of Return Formula* (before any  
7 incentive).

8  
9 In the event a *Shortfall* is recognised at the end of a year, 50% thereof will be recovered from  
10 customers in the following year through rates and treated as an *Exclusion*.

### 11 12 **3.2.4 Reimbursement of Excesses over Cap and Shortfalls**

13 If the *Required Revenue* submitted by *Gaz Métro* in a rate application exceeds the *Revenue Cap*,  
14 rates will be adjusted to the level of the *Required Revenue*, subject to the following:

- 15
- 16 • Any subsequent *Productivity Gains* (*Required Revenue* inferior to *Revenue Cap*) will  
17 first be applied to reduce rates (before any sharing) until all *Excesses* are offset;
- 18 • Any subsequent *Over-earnings* will first be applied to reduce rates (before any sharing)  
19 until the *Excesses* are offset;
- 20 • If the performance incentive mechanism expires, *Gaz Métro* will reimburse 50% of the  
21 accumulated *Excesses*, up to 0.75% of the rate base, to customers, through rates over a  
22 period of three years, with interest at the weighted cost of capital rate.
- 23

24 The share of a *Shortfall* recovered from customers will be reimbursed to customers, with interest,  
25 out of subsequent *Productivity Gains* or *Over-earnings*. If the performance incentive mechanism  
26 expires, any owed balance will be cancelled.

### 27 28 **3.2.5 Service Quality Indicators**

#### 29 **Application**

30 As is currently the case, participation by *Gaz Métro* in the sharing of the incentive return in the  
31 rate application and the *Over-earnings* in the year end review will be conditional on the  
32 attainment of an overall percentage level with regards to service quality indicators. The overall  
33 result will be equal to the weighted average of the results of each indicator, calculated according  
34 to the rules specific to the component in question.

35  
36 The conditions for participating in the sharing of performance incentive or *Over-earnings* will be  
37 as follows:

- 38
- 39 • A minimum overall attainment percentage of 85% will be required for *Gaz Métro* to be  
40 entitled to its 85% share of the *Productivity Gains* and *Over-earnings*;
- 41 • With an overall attainment percentage between 85% and 95%, *Gaz Métro* will retain a  
42 corresponding percentage of the *Productivity Gains* and *Over-earnings*;



- 1       • With an overall percentage attainment of less than the 85%, *Gaz Métro* will not be  
2       entitled to any performance incentive.  
3

4       **Selected Indicators and Parameters**

5       The safety and service quality indicators are revised as follows:  
6

- 7       • Preventive maintenance: the indicator is maintained but the weighting has been reduced  
8       from 20% to 10%.<sup>1</sup>  
9
- 10      • Customer Satisfaction - Tariffs D<sub>1</sub>, D<sub>3</sub> and D<sub>M</sub>: the indicator has been limited to Tariff  
11      D<sub>1</sub>, D<sub>3</sub> and D<sub>M</sub> customers.  
12
- 13      • Customer Satisfaction - Tariffs D<sub>4</sub> and D<sub>5</sub>: an indicator is added with a weighting of 5%.  
14
- 15      • Collection and Service Interruption Procedure: the indicator is the same as at present and  
16      its weighting has been increased from 5% to 10%, except that the procedure has been  
17      changed and is now as described below:  
18

19               *Gaz Métro* 's collection procedure for unpaid bills involves two steps before a  
20               collection visit. To collect amounts owed by residential customers, between  
21               November 15 and March 15 of the following year, *Gaz Métro* shall:  
22

23               Reminder: If a bill remains unpaid after the due date, *Gaz Métro* will send a  
24               written reminder to the billing address  
25

26               Final notice: If a bill is still not paid following a reminder, *Gaz Métro* will send a  
27               final written notice to the billing address by a means that enables it to prove such  
28               notice was sent. The notice will inform the customer that if the amount is not paid,  
29               natural gas service may be interrupted.  
30

31               Collection Visit: If the bill is not paid in full following the final notice and no  
32               arrangement has been made for payment or an arrangement is not respected, *Gaz*  
33               *Métro* can make a collection visit to the service address in order to collect the  
34               amounts owing at the date of that visit.  
35

36               Before interrupting service, *Gaz Métro* must contact, by telephone or in person  
37               during a collection visit, the residential customer who uses natural gas for space  
38               heating to propose a payment arrangement. Furthermore, before interrupting  
39               service, *Gaz Métro* will try to contact, by telephone or in person during a

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<sup>1</sup> The Task Force determined that obtaining and maintaining OHSAS 18001 certification might be a valid alternative to this indicator. *Gaz Métro* will soon analyze this possibility. If the results of the analyses are positive and the *Régie* would retain the proposed certification, *Gaz Métro* would take the initiative and the present service quality indicator might be replaced for a future renewal of the performance incentive mechanism, by obtaining and maintaining OHSAS 18001 certification.

1 collection visit, the residential customer who uses natural gas for domestic uses  
2 other than space heating to propose a payment arrangement.

3  
4 In addition, before interrupting service of a residential customer who uses natural  
5 gas for space heating, *Gaz Métro*'s employee must verify the file and situation at  
6 the customer's premises with his/her superior before the superior authorizes a  
7 service interruption for non-payment. The superior must prepare a report on the  
8 matter.

9  
10 *Gaz Métro* can interrupt service to a residential customer who uses natural gas for  
11 space heating in the following situations:

- 12 • The customer and *Gaz Métro* have not made an arrangement for payment  
13 or the customer has not respected an agreed arrangement; and
  - 14 • The minimum outdoor temperature forecast by Environment Canada for  
15 the area and for the next 24 hours is not below 10 degrees Celsius.
- 16
  - 17 • Greenhouse gas emissions: the indicator is redefined as follows:

18  
19 The greenhouse gas emissions (GGE) indicator aims for an annual reduction of 350  
20 tonnes of CO<sub>2</sub> equivalents of GGE from *Gaz Métro*'s activities. The reduction is obtained  
21 by adopting recurring projects. *Gaz Métro* can also include reductions from the adoption  
22 of employee programs to reduce GGE, in particular emissions related to transportation  
23 for getting to work.

24  
25 The final result takes account of the emission credits that can be obtained by *Gaz Métro*  
26 and reductions made by *Gaz Métro* that exceed the new indicator of 350 tonnes of CO<sub>2</sub>  
27 equivalents (the surpluses). These surpluses could be accumulated and used in  
28 subsequent years to achieve the indicator. The credits or surpluses obtained will be added  
29 to the amounts of the present commitment to reduce GGE before the percentage  
30 attainment of the indicator is calculated. If *Gaz Métro* obtains emission credits or uses its  
31 surpluses to make up the shortfall in the indicator for a particular year, it must multiply  
32 the shortfall to be made up by 5 because the reductions are considered to recur for five  
33 years. The reductions considered will be the reductions from the project(s) implemented  
34 no earlier than 12 months before the start of the rate year and no later than the end of the  
35 rate year.

36  
37 The indicators adopted, the parameters used to measure them and the weight given to them in  
38 calculating the average used to determine the overall attainment percentage will therefore be as  
39 follows:

<i>Indicators</i>	<i>Parameters</i>	<i>Weight</i>
Preventive maintenance	Percentage of annual program completed	10%
Emergency response time	Percentage of calls answered in 35 minutes or less	20%
Telephone response time	Weighted average of percentages achieved within the objective, based on number of calls received by customer category. <b>Objectives:</b> “Preferred” Customers: % of calls in 60 seconds or less. “Business” Customers: % of calls in 120 seconds or less “Residential” Customers: % of calls in 180 seconds or less	10%
Meter reading frequency	Weighted average of percentages achieved within the objective, based on number of readings by category of customer. <b>Objectives:</b> “Preferred” Customers: % 12 readings per year “Business Customers”: % 6 readings per year “Residential Heating” Customers: % 6 readings per year “Residential Non-heating” Customers: % 1 reading per year	10%
ISO 14001	For the period covered, obtain and maintain ISO 14001 registration or equivalent thereof	10%
Greenhouse gas emissions	Percentage achievement of annual greenhouse gas emissions reduction objective	10%
Customer satisfaction – D <sub>1</sub> , D <sub>3</sub> and D <sub>M</sub> customers	Percentage of satisfied D <sub>1</sub> , D <sub>3</sub> and D <sub>M</sub> customers based on proportion of respondents to the questionnaire who gave at least 8 out of 10 to the question dealing with customer satisfaction with respect to service received.	15%
Customer satisfaction – D <sub>4</sub> and D <sub>5</sub> customers	Percentage of satisfied D <sub>4</sub> and D <sub>5</sub> customers based on proportion of respondents to the questionnaire who gave at least 8 out of 10 to the question dealing with customer satisfaction with <i>Gaz Métro</i> .	5%
Collection and service interruption procedure	Number of service interruptions for failure to pay which contravene service interruption procedure described in this agreement	10%

1  
2  
3  
4  
5  
6  
7  
8

The preventive maintenance program will be the same as the one applied under the current service quality indicators, adjusted to reflect variations in the level of activity:

- The number of cathode protection activities will be based on the number of test stations on the system (which should be monitored once a year);
- The number of kilometres of pipeline inspected to detect leaks will be based on the number of kilometres in the system, which will be inspected once every two years;

- 1     • The number of odour tests will be based on the number of strategic points to be verified
- 2       once a month, as identified by the Engineering Department (generally at the extremities
- 3       of the system where there is limited gas flow);
- 4     • The number of “pre-distribution and distribution pressure reduction stations” activities
- 5       will depend on the required inspection frequency in accordance with the importance of
- 6       the station, which in turn will depend on:
  - 7       • its importance in supplying the system;
  - 8       • operating pressure;
  - 9       • type of equipment;
  - 10      • number of customers served.

### **Attainment**

13 The achieved percentage for each indicator, except for ISO 14001, the collection and service  
14 interruption procedure and the greenhouse gas emissions, will be determined as follows:

16 If the individual result is 50% or less, *Gaz Métro* will obtain an achievement percentage of  
17 0% for that indicator;

19 If the individual result is more than 50%, the achievement percentage will follow a straight  
20 line producing an individual target of 85%, based on the following formula:

$$22 \quad R = (A - 50\%) * \frac{85\%}{(T - 50\%)}$$

23 where:

24  $R$  = Resulting percentage for indicator (maximum 100%)

25  $A$  = Percentage achieved for indicator

26  $T$  = Percentage target result for indicator, i.e. 85%, for all indicators except the  $D_4$   
27 and  $D_5$  customer satisfaction indicator for which it is 75%

29 The resulting percentage for ISO 14001 will be 0% if *Gaz Métro* does not have ISO 14001  
30 registration as at September 30 of the current year and 100% if registration is effective at that  
31 date.

33 For the collection and service interruption indicator, each violation of the procedure will reduce  
34 the achievement of the indicator by 20%. If there are no violations, the indicator will therefore be  
35 100% achieved. If there is one violation, the indicator will be 80% achieved, etc.

37 For greenhouse gas emissions, the reductions in emissions will be quantified and validated by  
38 *Gaz Métro* personnel and each year *Gaz Métro* will submit to the intervenors and the *Régie* a  
39 report on the project(s) whose reductions contribute to the attainment of the indicator. Where  
40 applicable, the methodology already submitted will be used (calculation methods taken from  
41 *Handbook for Estimating Methane Emissions from Canadian Natural Gas Systems* published by

Gas Technology Canada in 1998 or a subsequent version, if applicable). In the other cases, recognized methodologies will be used, notably ISO 14064 standard.

The percentage achieved with respect to the greenhouse gas emissions indicator will be calculated as follows:

Tonnes of greenhouse gas reductions	Indicator achievement percentage
≥ 350 tonnes CO <sub>2</sub> equivalents	100%
0 tonnes CO <sub>2</sub> equivalents	0%

Interim results will be interpolated.

The service quality attainment percentages will be calculated for the period covered by the *Productivity Gains* or *Over-earnings* to be shared. Indicators will be calculated once a year and submitted to the Régie at the end of the year with the year-end review. Assessment of the D<sub>1</sub>, D<sub>3</sub> and D<sub>M</sub> customer satisfaction survey will be carried out, on a test basis, by an external firm and will be based on the same questions (or equivalent questions if the questions are no longer applicable) submitted to the Régie in the 2000 rate case, to ensure that results are consistent from year to year.

The evaluation of Tariff D<sub>4</sub> and D<sub>5</sub> customer satisfaction will be based on an annual survey that makes it possible to determine the percentage of those customers who give a mark of at least 8/10 to a question dealing with overall satisfaction with *Gaz Métro*.

The weighted average of the percentages for the various service quality indicators will give the overall achieved percentage that will be applied to the performance incentive to be paid to *Gaz Métro*. The share of the *Productivity Gains* allotted to *Gaz Métro* at the beginning of the year will therefore be conditional upon maintaining service quality indicators over the year in question.

In the event the overall result does not reach the set minimum (85%), *Gaz Métro* will add to end-of-year *Over-earnings* the gains incorporated in the rates as a performance incentive at the beginning of the year. The entire *Over-earnings* will then be returned to customers through rates in the following year.

### Penalties

In the event *Gaz Métro* is in a *Shortfall* situation, it agrees not to neglect customer service quality. To ensure this:

*Gaz Métro* will have to reimburse customers \$200,000 for each of the two safety service quality indicators (emergency call response and preventive maintenance) for which the percentage result attained is not at least 85%; and

1           \$100,000 per service quality indicator for each of the other seven indicators for which the  
2           percentage result attained is not at least 85%.

3  
4           These amounts will be reimbursed entirely out of *Gaz Métro*'s share of subsequent *Productivity*  
5           *Gains* or *Over-earnings*.

### 7    **3.3    Energy Efficiency**

8           The performance incentive mechanism includes three provisions related to energy efficiency:

- 9
- 10          •    an adjustment mechanism for costs related to the realization of the *GEEP*;
- 11          •    a *GEEP* performance incentive;
- 12          •    An Energy Efficiency Fund (*EEF*) financed from interest income earned on its capital, a  
13               fixed contribution of \$1.5M per year starting with the 2009 rate year and by a portion of  
14               the *Productivity Gains*. The *EEF* is intended to complement the *GEEP*.
- 15

#### 16    **3.3.1    GEEP Costs**

17           These costs will be excluded from the performance incentive mechanism at both the rate  
18           application and the year-end review phases. With respect to the rate application, *GEEP*-related  
19           budget variances between two years will not generate performance gains or losses. The budget  
20           (in absolute terms) will therefore be treated as an *Exclusion*. This will also apply to the year-end  
21           review: any variance between the *GEEP* budget submitted in the rate application and costs  
22           actually incurred during a year will be excluded and deferred in accordance with the rules in  
23           3.1.5. Any such variance will not contribute to *Over-earnings* or *Shortfalls* unless the *Régie*  
24           refuses, in accordance with 3.1.5, to approve their inclusion in a deferral account.

#### 26    **3.3.2    Global Energy Efficiency Plan Performance Incentive**

27

28           A *GEEP* performance incentive formula includes a target reward of \$4M. The formula is  
29           intended to compensate the disincentives of the fact the *Exogenous Factor* for volume variations  
30           does not completely neutralize them.

31

32           The objective fixed for *Gaz Métro* to receive the full incentive of \$4M is 24,000,000 m<sup>3</sup> per year  
33           (annualized volume of measures implemented in the year), starting with the 2007-2008 rate year.  
34           The objective will be cumulative thereafter, such that the cumulative objective will be  
35           48,000,000 m<sup>3</sup> in 2008-2009, 72,000,000 m<sup>3</sup> in 2009-2010 and so on. The cumulative results  
36           achieved at the end of each year by *Gaz Métro* will therefore be compared to the cumulative  
37           objective. If it is achieved or surpassed, *Gaz Métro* will be entitled to \$4M. If the objective is

## PERFORMANCE EVALUATION PLAN RATE SCHEDULE "PEP-5"

Mississippi Public Service Commission Schedule No. 28.1

PAGE	EFFECTIVE DATE	DATE OF VERSION SUPERSEDED
1 of 35	November 9, 2009	January 9, 2009

### APPLICABILITY

This Rate Schedule is the formula by which the retail revenue requirements of Mississippi Power Company (MPC or the Company) shall be calculated and allocated to the Company's various rate schedules subject to the jurisdiction of the Mississippi Public Service Commission (MPSC or the Commission). To the extent that any provision in this Schedule may conflict with applicable statutes, said statutes shall be controlling.

### ADJUSTMENTS FOR ANNUAL PERFORMANCE EVALUATIONS

Annually on or before November 15 during the operation of this Schedule, a determination shall be made pursuant to this section of the Schedule as to whether or not the Company's revenues should be increased, decreased, or remain the same. If it is determined that revenues should be increased or decreased, retail electric rate schedules will be adjusted in the manner set forth in this Schedule. These adjustments will be added to or subtracted from the rate schedules previously in effect and the revised rate schedules will become effective for the first billing cycle of February, unless suspended by the MPSC, in which case they will become effective no later than the first billing cycle of April, provided however that in a period when there is a rate adjustment and its effective date is, for whatever reason, later than the first billing cycle of February, the Company shall impose a surcharge or credit for the balance of that year to ensure that the total annual amount to be provided from such rate change shall be recovered from, or credited to, customers over the remainder of that calendar year. The revised retail rate schedules will remain in effect until changed as provided by this Schedule or as otherwise provided by law.

Notwithstanding anything contained in this Schedule to the contrary, the Company shall use its best efforts to implement any rate changes or revenue adjustments required under this Schedule in accordance with the scheduled implementation effective dates or as soon as practical thereafter.

The determination of whether a change in revenues is necessary and, if so, the calculation of any such adjustments will be made annually as follows:

1. The twelve-month ending Projected Retail Return on Investment (PRRI) for the retail jurisdiction will be determined from the Company's records in the manner set forth in Appendix "A." This determination shall be based on projected average investment data using the "FERC Method" (as defined in Note A on Appendix A), projected revenue and expense data, and projected simple average capital structure, average cost of debt, and average cost of preferred stock for the upcoming calendar year (Evaluation Period).
2. The Company's Performance Rating (CPR) will be determined based upon the performance indicators and the procedure set forth in Appendix "B."
3. The Range of No Change (the Range) for the retail jurisdiction will be determined as set forth in Appendix "C."
4. The Company's PRRI will then be compared to the Range of No Change using Appendix "D,"

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Revenue Adjustment Worksheet, to determine whether revenues should be increased, decreased, or remain the same. Due to practical constraints, no adjustments provided for under this Schedule will be made for amounts less than \$250,000. No annual revenue adjustment shall exceed four percent (4%) of the annual aggregate retail revenues of the Company during the Evaluation Period.

Revised retail rate schedules will be filed by the Company with the Commission each time they are adjusted by this Schedule "PEP-5" and shall then become the filed rate schedules of the Company.

- 4a. If the PRRI falls within the Range of No Change, no retail revenue change is required.
- 4b. If the PRRI is outside the Range of No Change, the revenue adjustment necessary to achieve the proper return will be calculated in accord with Appendix "D." The changes will be made in the retail rate schedules to reflect the adjustment in revenues in a manner provided in step 5 below and in the section titled "Rate Design."
5. All rate classes should be in parity, that is, all rate classes should pay rates that cover their cost-of-service including an appropriate return on equity. Parity shall be deemed to exist when the return on equity for each class of service (as indicated in the most recently filed cost-of-service study) is within a range of plus or minus ten (10) percent of the return on equity for the retail jurisdiction in total. The Company shall allocate revenue changes under Schedule "PEP-5" in a manner that shall move the rate class returns on equity to parity in a manner not inconsistent with the orders of the Commission.

### ADJUSTMENT CLAUSES

The Company's adjustment clauses now in effect will not be altered or amended by this Schedule "PEP-5" in any manner. The revenues received by the Company as a result of these clauses are included, however, in the Company's revenues as used in Appendix "A" to determine the Company's retail return on investment. The investment, revenues and expenses covered by the Environmental Compliance Overview Plan, Rate Schedule "ECO," and the Storm Restoration Rider, Rate Schedule "SRR," are to be treated by Rate Schedule "PEP-5" in accordance with the Commission's Orders in Docket 1992-UN-0059 dated December 31, 1992, and Docket 2006-UN-0511 dated February 22, 2007, respectively, as modified in accordance with the law.

### RATE DESIGN

To meet the requirements of the changing business environment and the increasing competition being experienced by the Company and throughout the electric utility industry, experimental, developmental, and alternative rate schedules are appropriate tools for the Company to use to meet such requirements. Therefore, nothing in this Schedule "PEP-5" shall be interpreted as preventing the Company from revising, adopting, and implementing rate schedules as may be appropriate and as provided by law. Any such schedules will be filed with the Commission in accordance with the procedures then in effect during the term of this Schedule.



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## TERM

This Schedule "PEP-5" shall be effective as of November 9, 2009, pursuant to the Commission's order in Docket No. 2003-UN-0898, and shall continue unless modified or terminated as provided by law. Nothing herein shall prevent the Commission, on its own motion, or the Company or the Mississippi Public Utilities Staff (Staff) from proposing, in the manner provided by law, changes in this schedule at any time.

## FILING PROCEDURES

Annually on or before November 15 immediately preceding each Evaluation Period, the Company will submit a sworn filing including the calculation of PRRI, the Company's Performance Rating, and the Revenue Adjustment Worksheet for the Commission's evaluation. The filing shall include those items required by Section 77-3-37 of the Mississippi Code of 1972, as amended, and Appendix C of the Commission's Public Utilities Rules of Practice and Procedure, as amended, for changes in rates, unless any such filing requirement is waived by the Commission; provided that the Company shall not be required to file any of the information set forth in Section 77-3-37(4)(a-f), as amended. For purposes of rate adjustments under this Rate Schedule PEP-5, the information listed in Appendix E shall be deemed to meet the filing requirements. A Schedule of Current Rates in Effect and Schedule of Proposed Rates, if applicable, shall be filed with the Commission on or before December 15.

## HEARINGS AND SCHEDULE

During the term of this Schedule "PEP-5," each periodic revenue adjustment will be separately considered for the purpose of determining whether a hearing is required pursuant to Section 77-3-39(1) of the Mississippi Code of 1972, as amended, and no such hearing shall be required if the amount of any separate adjustment to the level of retail revenues of the utility is not a "major change" as defined in Section 77-3-37(8) of the Mississippi Code of 1972, as amended. A hearing shall be required as provided in Section 77-3-2(3)(b) of the Mississippi Code of 1972, as amended, if the change exceeds two percent (2%) of the annual aggregate retail revenues of the Company during the Evaluation Period. For changes of two percent (2%) or less, rates will go into effect on the first billing cycle of February. For rate changes greater than two percent (2%) that the Commission suspends, the Commission will issue a Scheduling Order conforming to a "major" rate change as required by Section 77-3-39 of the Mississippi Code of 1972, as amended. Approved rates shall go into effect no later than the first billing cycle of April, provided however that in a period when there is a rate adjustment and its effective date is, for whatever reason, later than the first billing cycle of February, the Company shall impose a surcharge or credit for the balance of that year to ensure that the total annual amount to be provided from such rate change shall be recovered from, or credited to, customers over the remainder of that calendar year.

The Commission may, in the case of disputes or for other good cause shown, allow additional time for filing annual evaluations or rate schedules.

## STAFF REVIEW

In considering any evaluation filed pursuant to this Rate Schedule PEP-5, nothing in this Rate Schedule

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shall be construed to prevent the Staff from disputing the accuracy of any projected or historical investment, revenue or expense; from disputing that any projected or historical investment, revenue or expense is prudent in amount or purpose or otherwise in accord with the Mississippi law, the Rules and regulations of the Commission or this Rate Schedule PEP-5; or from disputing whether any item of projected or historical investment, revenue or expense is improperly recorded to an account. The Staff may request and the Company shall provide clarification and additional data underlying the entries subjacent to the categories of (1) Investment, (2) Revenues, and (3) Expenses. If the Staff questions or disputes any of the above, or whether the calculation of the adjustment has been made strictly in accord with the Schedule "PEP-5," it shall notify the Company in writing within fifty-five (55) days of the filing. The Staff and the Company shall work in good faith to answer any questions and resolve any disputes. For PEP rate adjustments of 2% or less, the undisputed portion of those rate changes will become effective beginning with the first billing cycle of February. Any such disagreements as to the disputed portion of the adjustment shall be resolved by the Commission. In such event, the Company and the Staff shall jointly submit to the Commission a statement of the issues to be resolved. The Company and the Staff may submit separate memoranda supporting their respective positions. If a dispute is resolved by the Commission, the amount ultimately approved will be put into effect beginning with the first billing cycle of the month following the resolution, but no later than the first billing cycle of April, provided however that in a period when there is a rate adjustment and its effective date is, for whatever reason, later than the first billing cycle of February, the Company shall impose a surcharge or credit for the balance of that year to ensure that the total annual amount to be provided from such rate change shall be recovered from, or credited to, customers over the remainder of that calendar year. In the case of PEP rate adjustments greater than 2%, the amount of such rate change approved after hearing will become effective beginning with the first billing cycle of the month following approval but no later than the first billing cycle of April, provided however that in a period when there is a rate adjustment and its effective date is, for whatever reason, later than the first billing cycle of February, the Company shall impose a surcharge or credit for the balance of that year to ensure that the total annual amount to be provided from such rate change shall be recovered from, or credited to, customers over the remainder of that calendar year.

### INITIAL EVALUATION

The initial evaluation under this Schedule "PEP-5" shall be the 12 month period ending December 31, 2010. The data for this 12 month period will be made up of projected data for the 12 months ending December 31, 2010, prepared in accordance with the appendices of this rate schedule. This initial evaluation shall be filed on or before November 15, 2009. If a revenue adjustment is determined to be necessary by the initial evaluation, the Company's retail revenues shall be changed as required by this Rate Schedule "PEP-5." The PEP-4A Rate Schedule, as amended by the MPSC's orders in Docket No. 2006-UN-0511, will be denoted as PEP-5.

### REVIEW AND ADJUSTMENT FOR PRIOR YEAR'S ACTUAL RESULTS

On or before March 15 of each year this rate schedule is effective, the Company will submit for Staff review and Commission approval a calculation of its actual Earned Return on Investment ("EROI") for the prior year ("Review Period") in accordance with and utilizing the appropriate PEP appendices for such

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calculation. The calculation will utilize the same "FERC Method" as used in the projected filing for the actual average rate base for the Review Period and the allocation factors that were used in preparing the Company's projected filing applied to actual amounts for the review year in accordance with Appendix "A."

The Staff shall compare the resulting actual EROI for the Review Period to the Range of No Change developed in the Company's projected filing for that year. If the Staff questions or disputes the Company's filing, it shall notify the Company in writing on or before May 1. The Staff and Company shall work in good faith to answer any questions and resolve any disputes. Any such disagreements shall be resolved by the Commission on or before June 15 in accordance with the dispute resolution procedures (i.e. joint statement of issues, memoranda) contained in the Staff Review section of this rate schedule.

If, after the resolution of any such disagreements, the EROI for the Review Period is within the Range of No Change, no additional revenue adjustments shall be made. If the EROI is above the Range of No Change, the Company shall refund or credit to its current retail customers the amount by which revenues exceed the top of the Range of No Change. If the EROI is below the Range of No Change, the Company will be allowed to put a surcharge into effect that will allow it to recover from its current retail customers the amount by which revenues are below the bottom of the Range of No Change. Any such rate adjustment required pursuant to this section, shall be implemented by the Company beginning with the first billing cycle following approval by the Commission and shall be credited or recovered, as applicable, over a period to be determined by the Commission, but not later than December 31 of the year following the regulatory year under review. Each revenue adjustment made pursuant to this section shall constitute a separate revenue adjustment for purposes of Section 77-3-2 of the Mississippi Code of 1972, as amended. Any proposed revenue adjustment for prior year's actual results to be made under this section shall be limited to an amount which, when coupled with any revenue adjustment from the same prior year's periodic evaluation under this rate schedule PEP-5, will limit the total revenue adjustments for that prior year to 4% of the annual aggregate retail revenues of the Company during that prior year. For purposes of this section, the 4% limitation imposed by this PEP Plan shall not apply to revenue adjustments for rate periods other than that prior year.

### MAJOR PLANT ADDITIONS OR MODIFICATIONS

It is recognized that a utility must from time to time construct or acquire major plant; make major modifications to existing plant; or comply with environmental laws and regulations. The addition or modification of such plant may increase significantly the Company's revenue requirements and require significant rate relief. This Schedule "PEP-5" is not designed to handle adequately the rate increase occasioned by the major addition or modification of plant. Should the Company construct, have constructed, or purchase in place major plant or make major modifications to existing plant, the Company may file for rate or other relief outside this Schedule, but in accordance with the law of the State of Mississippi governing such filing, and the request will be handled by the Commission in its regular manner.

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### FORCE MAJEURE PROVISION

If any cause beyond the reasonable control of the Company, such as natural disaster, damage or loss of generating capacity, orders or acts of civil or military authority, terrorist attacks, government mandates, the happening of any event or events which cause increased costs to the Company, or other causes, whether similar or not, results in a deficiency in revenues which is not readily capable of being redressed in a timely manner under this Schedule "PEP-5," the Company may file for rate or other relief outside this Schedule, but in strict accord with the law of the State of Mississippi governing such filing and the said request will be handled by the Commission in its regular manner.

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## APPENDIX A

### CALCULATION OF RETAIL RETURN ON INVESTMENT FOR TWELVE MONTHS ENDING \_\_\_\_\_

	(A) Total Jurisdiction Electric System As of 00/00/00	(B) Allocation Per Current Cost of Service Study	(C) Total Retail Service As of 00/00/00	(C1) Retail ECO Service As of 00/00/00	(C2) Retail SRR As of 00/00/00	(C3) Retail PEP-5 Service As of 00/00/00
Investment						
1. Gross Electric Plant						
2. Less: Leased						
3. Adjusted Gross Electric Plant						
4. Accumulated Depreciation & Amortization						
5. Less: Leased Accumulated Depreciation						
6. Adjusted Accumulated Depreciation						
7. Net Electric Plant in Service						
8. Plant Held For Future Use (D)						
9. Unamortized Leasehold Improvements and Other Deferred Debits						
10. Unamortized Cost of Required Debt						
11. Fuel Stock (E)						

- (A) Pursuant to the Commission's Order in Docket No. \_\_\_\_\_, the amounts in this column are the Company average balances utilizing the "FERC Method". The "FERC Method" utilizes 13 month averages (average monthly ending balance from December to December) for all Production and Transmission related investment balances and simple average (average of December of prior year and December of regulatory year ending balance) for Distribution and General Plant related investment balances.
- (B) The Company is required to file periodically cost-of-service studies with the Commission. The allocators used will be from the most recent cost-of-service study on file with the Commission as of the date of the calculation.
- (C) Column (C) is a product of Column (A) times Column (B) except where specifically assigned or otherwise specified by a footnote.
- (C1) The amounts in this column represent the retail portion of rate base, revenue and expense items budgeted for inclusion in the Environmental Compliance Overview (ECO) Plan.
- (C2) The amounts in this column represent the retail portion of rate base, revenue and expense items budgeted for inclusion in the System Restoration Rider (SRR).
- (C3) The amounts in this column are calculated by subtracting columns (C1) and (C2) from column (C).
- (D) The properties included as Plant Held for Future Use shall be those properties for which the Company has plans for use in providing electric service and which will be so employed within a reasonable time period and will be calculated using average balances.
- (E) Fuel and related emission allowance inventory will be the 13 month average balance.

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	(A) Total Jurisdiction Electric System As of 00/00/00	(B) Allocation Per Current Cost of Service Study	(C) Total Retail Service As of 00/00/00	(C1) Retail ECO Service As of 00/00/00	(C2) Retail SRR As of 00/00/00	(C3) Retail PEP-5 Service As of 00/00/00
Investment						
12. Materials & Supplies						
13. Construction Work in Progress (F)						
14. Cash Working Capital (G)						
15. Compensating Bank Balances and Working Funds						
16. Prepayments						
17. Mississippi Public Service Commission Assessment and Other Deferred Regulatory Expenses						
18. Under/Over Recovery of Ad Valorem Taxes						
Deduct:						
19. Accumulated Deferred Income Taxes (H)						
20. Pre-1971 Investment Tax Credit						
21. Customer Advances						
22. Customer Deposits						
23. Property Damage Reserve (I)						
24. Injuries & Damages Reserve						
25. Other Operating Reserves (J)						
26. Total Net Investment						

- (F) Construction Work in Progress on all projects related to Production and Transmission will utilize a 13 month average and for Distribution and General Plant a simple average will be used.
- (G) The value for cash working capital shall be zero (\$0) until such time as the Commission approves a change in this amount.
- (H) Implementation of FAS 109, Accounting for Income Taxes, is intended to be revenue neutral for ratemaking. Therefore, Accumulated Deferred Income Taxes will be adjusted to include the Regulatory Assets and Regulatory Liabilities created by the implementation of FAS 109.
- (I) The Property Damage Reserve balance and the annual accrual to the Reserve shall be reflected in the calculation of the SRR Rate Schedule and not in PEP-5 in accordance with the MPSC's orders in Docket No. 2006-UN-0511.
- (J) Due to the various accounts included here, each account will be directly assigned or individually allocated to facilitate their appropriate assignment.

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### CALCULATION OF RETAIL RETURN ON INVESTMENT FOR TWELVE MONTHS ENDING \_\_\_\_\_

	(K) Total Jurisdiction Electric System 12 Months Ending 00/00/00	Allocation Per Current Cost of Service	Total Retail Service 12 Months Ending 00/00/00	Retail ECO Service 12 Months Ending 00/00/00	Retail SRR Service 12 Months Ending 00/00/00	Retail PEP-5 Service 12 Months Ending 00/00/00
Revenues						
27. Revenues From Retail Sales (L)						
28. Revenues From Non-Retail Sales						
29. Total Revenues From Sales						
30. Other Operating Revenues						
31. Total Operating Revenues						
Expenses						
32. Operation & Maintenance Expenses:						
33. Fuel/ECM (M)						
34. Non-Fuel O&M (N)						
35. Total Operation & Maintenance Expenses						
36. Contributions (O)						

- (K) The amounts used in this column are the Company's operating results for the twelve months ending as of the date noted unless otherwise specified by a footnote.
- (L) In addition to base revenue, this amount includes all revenue from the Company's effective adjustment clauses.
- (M) Fuel expense on line 33 and fuel credits on line 40 are directly assigned to the retail jurisdiction to properly match the retail fuel revenues included in line 27 of this schedule.
- (N) Accruals to the Property Damage Reserve shall be reflected in the calculation of the SRR Rate Schedule and not in PEP-5 in accordance with the MPSC's orders in Docket No. 2006-UA-0511.
- (O) This amount shall include all charitable and civic contributions that conform to Internal Revenue Code Section 170 and have been approved by the Commission for inclusion in retail cost-of-service.



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	(K) Total Jurisdiction Electric System 12 Months Ending 00/00/00	Allocation Per Current Cost of Service	Total Retail Service 12 Months Ending 00/00/00	Retail ECO Service 12 Months Ending 00/00/00	Retail SRR Service 12 Months Ending 00/00/00	Retail PEP-5 Service 12 Months Ending 00/00/00
Revenues						
37. Non-Territorial Sales						
38. Demand (P)						
39. Energy						
40. Fuel and Emission Rev (Q)						
41. Other Energy Revenue						
42. Total Non-Territorial Sales						
43. Revenue Credits (P)						
44. Depreciation, Amortization and Accretion Expense						
45. Amortization of Retail Rate Plan and Filing Expenses (R)						
46. Amortization of Investment Tax Credits						
47. Amortization of Reacquired Debt						
48. Taxes Other Than Income Taxes						
49. Municipal Franchise Taxes						
50. Interest on Customer Deposits						
51. Total Adjusted Expenses						
52. Operating Income Before Income Taxes						

- (P) This amount includes 75% of the capacity revenue from all new non-firm capacity sales.  
(Q) Fuel expense on line 33 and fuel credits on line 40 are directly assigned to the retail jurisdiction to properly match the retail fuel revenues included in line 27 of this schedule.  
(R) This amount is the amortization of retail rate plan and filing expenses.



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### CALCULATION OF RETAIL RETURN ON INVESTMENT FOR TWELVE MONTHS ENDING \_\_\_\_\_

	(K)					
	Total Jurisdiction Electric System 12 Months Ending 00/00/00	Allocation Per Current Cost of Service	Total Retail Service 12 Months Ending 00/00/00	Retail ECO Service 12 Months Ending 00/00/00	Retail SRR Service 12 Months Ending 00/00/00	Retail PEP-5 Service 12 Months Ending 00/00/00
Expenses						
53. Income Taxes (S)						
54. Net Operating Income						
55. AFUDC (T)						
56. Total Operating Income						

Return

57. Retail Return on Investment (PRRI/EROI) (U)

(S) Income taxes are allocated between jurisdictions using the following formula:

$$t = RC - KI$$

Where:

t = State and Federal Income Taxes for the Jurisdiction

R = Operating Income before Income Taxes for the Jurisdiction

C = Effective Combined Tax Rate for the Jurisdiction

I = Total Net Investment for the Jurisdiction

K = Income tax deduction factor, which is: (total electric operating income before income taxes multiplied by effective combined tax rate minus total electric income taxes) divided by total electric net investment.

(T) This will be calculated by the Company in accordance with the FERC prescribed methodology. This amount shall include the AFUDC calculated during the Evaluation Period on the projects defined in Footnote (F).

(U) This figure is calculated by dividing Line 56 (Total Retail Operating Income) by Line 26 (Total Retail Net Investment).

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### SOURCES OF RESULTS OF OPERATIONS

# Denotes Excluding

<u>Investment</u>	<u>Source</u>
1. Gross Electric Plant	Acct. 101; 104; 106
2. Less: Leased	Acct. 104; Leased 106; Accounting Department
3. Adjusted Gross Electric Plant	Line 1 + 2
4. Accumulated Depreciation & Amortization	Acct. 108; 111
5. Less: Leased Accumulated Depreciation	Acct. 108-890, 891, 894; Accounting Department
6. Adjusted Accumulated Depreciation	Line 4 + 5
7. Net Electric Plant In Service	Line 3 - 6
8. Plant Held For Future Use	Acct. 105
9. Unamortized Leasehold Improvements and Other Deferred Debits	Acct. 186-300, 984; Accounting Department
10. Unamortized Cost of Reacquired Debt	Acct. 189
11. Fuel Stock	Accounting Department
12. Materials & Supplies	Acct. 154; 163; Accounting Department
13. Construction Work In Progress	Acct. 107; Accounting Department
14. Cash Working Capital	
15. Compensating Bank Balances and Working Funds	Accounting Department; Treasury
16. Prepayments	Acct. 129; 165 # 104, 354, 404, 907; 186-815, 186-816; Accounting Department
17. Mississippi Public Service Commission Assessment and Other Deferred Regulatory Expenses	Acct. 186-946; 182-275; 182-277; Accounting Department
18. Under/Over Recovery of Ad Valorem Taxes	Acct. 182-305

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## APPENDIX A (Continued)

### SOURCES OF RESULTS OF OPERATIONS

#Denotes Excluding

<u>Investment</u>	<u>Source</u>
Deduct:	
19. Accumulated Deferred Income Taxes	Acct. 190 # 017, 018, 123, 124, 229, 995; 281; 282 # 043, 044, 071; 283 # 909,913, 914, 964, 965, 995, 996; 182-300, 304; 254-100, 101, 102, Accounting Department (A)
20. Pre-1971 Investment Tax Credit	Accounting Department
21. Customer Advances	Acct. 252
22. Customer Deposits	Acct. 235
23. Property Damage Reserve	Acct. 228-101, (B)
24. Injuries & Damages Reserve	Acct. 228-210, 230, 280
25. Other Operating Reserves	Acct. 253-520, 521, 522, 523, 550, 710, 711, 720, 721, 960; 228-303, 304, 306; 254-118 Accounting Department
26. Total Net Investment	Line 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 + 15 + 16 + 17 + 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25
 <u>Revenues</u>	
27. Revenues From Retail Sales	Acct. 400-440, 442 thru 445, 448; Accounting Department (C)
28. Revenues From Non-Retail Sales	Acct. 400-447 #LOC 95064
29. Total Revenues From Sales	Line 27 + 28
30. Other Operating Revenues	Acct. 400-450, 451; 454-200; 456-200, 203
31. Total Operating Revenues	Line 29 + 30

- (A) The Accumulated Deferred income taxes associated with assets, liabilities, revenues and expenses associated with the SRR Rate Schedule shall be reflected in the calculation of that Rider and not in PEP-5 in accordance with the MPSC’s orders in Docket No. 2006-UN-0511.
- (B) The Property Damage Reserve balance and the annual accrual to the Reserve shall be reflected in the calculation of the SRR Rate Schedule and not in PEP-5 in accordance with the MPSC’s orders in Docket No. 2006-UN-0511.
- (C) The Revenues From Retail Sales recovered through Rate Schedule SRR will be reflected in the calculation of the SRR Rate Schedule and not in PEP-5 in accordance with the MPSC’s orders in Docket No. 2006-UN-0511.

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### SOURCES OF RESULTS OF OPERATIONS

#Denotes Excluding

#### Expenses

	Source
32. Operations and Maintenance Expense:	
33. Fuel/ECM	Acct. 401; Accounting Department
34. Non-fuel O&M Expense	Acct. 401; 402; Accounting Department (D)
35. Total Operation & Maintenance Expenses	Line 33 + 34
36. Contributions	Acct. 426.1
37. Non-territorial Sales:	
38. Demand	Acct. 447 (including sub-accounts), Accounting Department
39. Energy:	
40. Fuel and Emission Revenue	Acct. 447 (including sub-accounts), Accounting Department
41. Other Energy Revenue	Accounting Department
42. Total Non-territorial Sales	Line 38 + 40 + 41
43. Revenue Credits	Acct. 454-100, 310 thru 312, 400, 900 thru 999; 456-300, 500 thru 504, 552 thru 554, 700, 900 thru 999, Accounting Department
44. Depreciation And Amortization	Acct. 403; 404; 406; 407; and 411
45. Amortization of Retail Rate Plan Expenses	Accounting Department
46. Amortization of Investment Tax Credits	Acct. 411-402; 404
47. Amortization of Reacquired Debt	Acct. 428-100; Accounting Department
48. Taxes Other Than Income Taxes	Acct. 408-100, 102, 105, 106, 110, 160, 165, 175 (excluding Municipal Franchise Taxes)
49. Municipal Franchise Taxes	Accounting Department
50. Interest on Customer Deposits	Acct. 431-100
51. Total Adjusted Expenses	Line 35 + 36 + 42 + 43 + 44 + 45 + 46 + 47 + 48 + 49 + 50
52. Operating Income Before Income Taxes	Line 31 – 51
53. Income Taxes	Acct. 409-101 thru 112; 410-001 thru 022, 025, 026, 029, 030, 033 thru 199, 300-399; 411-001 thru 022, 025, 026, 029, 030, 033 thru 199, 300 thru 399, 403, Accounting Department
54. Net Operating Income	Line 52 – 53
55. AFUDC	Accounting Department
56. Total Operating Income	Line 54 + 55
57. Retail Return on Investment	Line 58 ÷ 26

(D) Accruals to the Property Damage Reserve shall be reflected in the calculation of the SRR Rate Schedule and not in PEP-5 in accordance with the MPSC’s orders in Docket No. 2006-UA-0511.

The above account numbers, line numbers and sources of information are subject to change with Commission approval as operating and accounting circumstances require.

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## APPENDIX B

### PERFORMANCE INDICATORS

Three performance indicators will be used to measure the operational performance of the Company:

Customer Price which compares the Company's average retail price per kWh with the weighted average retail price of the other investor owned utilities having generation, transmission and distribution business within the Southeastern Association of Regulatory Utility Commissioners (SEARUC) member states. The score for this indicator will be determined using each Company's Federal Energy Regulatory Commission (FERC) Form 1 for the previous year and will be updated annually.

Customer Satisfaction which measures the public's perception of the quality of the Company's customer service. A customer opinion survey administered by the MPSC and conducted by a nationally recognized professional survey firm is used to measure this indicator. The survey is conducted each year in the spring and the fall, and the average results of the two most recent surveys will be used in the next annual evaluation.

Customer Service Reliability which measures the reliability of the Company's electric service to customers and is based upon the average amount of time a customer has electric service. The Company's performance is calculated for the latest thirty-six (36) month period ending September prior to the November 15 filing.

Based on the Company's performance, a score on each indicator will be determined for each Evaluation Period. All scores will then be weighted as provided for in Appendix "B" of this rate schedule, to develop an overall Company Performance Rating (CPR) which shall be rounded to the nearest hundredth (.005 and greater being rounded to .01) and then used as an input to the formulas presented in Appendix "C," the Range of No Change.

If for any reason beyond the reasonable control of the Company, an indicator's score cannot be calculated and no provision has otherwise been made in the indicator, the last filed score available will be used.

The Company shall file a performance report on or before November 15 with the Commission. The report will be in the form shown in Appendix B of this rate schedule. The report shall be filed with the other filing requirements identified in this Schedule "PEP-5."

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## APPENDIX B (Continued)

### CUSTOMER PRICE

**GENERAL DESCRIPTION:**

The Customer Price Indicator compares the Company's average retail price per kWh with the weighted average retail price of the other investor owned utilities having generation, transmission and distribution business within the SEARUC member states, as determined from each company's FERC Form 1 for the previous year. This indicator measures how the Company's average retail price per kWh compares with other electric utilities in the same general geographic area.

**FORMULA AND DATA SOURCE:**

For each company, the FERC Form 1 for the previous year, "Electric Operating Revenues (Account 400)" Schedule will be the source of the data used to calculate the weighted average retail price per kWh in Step 1 of the formula below. The FERC Form 1 filing is prepared by each company once each year, to be filed by April 30. The indicator will be calculated as follows:

Step 1:

Using the "Electric Operating Revenues (Account 400)" Schedule as reported in each company's FERC Form 1 calculate the sum of the "Total Sales to Ultimate Consumers" and the sum of the "Megawatt Hours Sold to Ultimate Consumers" for the utilities, excluding MPC.

Step 2:

Compute the Weighted Average Retail Price per kWh by dividing the sum of the "Total Sales to Ultimate Consumers" by the sum of the "Megawatt Hours Sold to Ultimate Consumers" divided by 1,000.

Step 3:

Using the "Electric Operating Revenues (Account 400)" Schedule as reported in MPC's FERC Form 1, calculate MPC Average Price Per kWh by dividing the "Total Sales to Ultimate Consumers" by the "Megawatt Hours Sold to Ultimate Consumers" divided by 1,000.

Step 4:

The Company's Price Performance (CPP) will be measured using the following formula. The CPP will be rounded to the nearest ten thousandth (.00005 and greater being rounded to .0001).

$$\frac{\text{MPC Average Price Per kWh}}{\text{SEARUC Weighted Average Retail Price per kWh}} = \text{Customer Price Performance (CPP)}$$

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### APPENDIX B (Continued)

#### CUSTOMER PRICE (Continued):

#### FORMULA AND DATA SOURCE (Continued):

##### Step 5:

The Company's score on this indicator will be measured using the following formula:

$$\text{Customer Price Score} = (1.3 - \text{CPP}) \div 0.06$$

The score used for the Customer Price Indicator shall be between 0.00 and 10.00 (.005 and greater being rounded to .01).

#### SPECIAL PROVISIONS:

In the event that FERC Form 1 data is not available for a company within the SEARUC member states for any reason, or if there are any changes in reporting requirements for the FERC Form 1, or changes within the industry from restructuring that affect the availability or comparability of the data, the Staff and Company shall cooperate and use their best efforts to obtain accurate and reliable information necessary to complete the weighted average price calculation for any company for which the data is not available or otherwise not comparable. If, after such efforts, the information is not reasonably obtainable, the most recent data available for such company will continue until a new source of data is agreed upon by the Commission and the Company.

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### APPENDIX B (Continued)

#### CUSTOMER SATISFACTION

##### GENERAL DESCRIPTION:

The Customer Satisfaction Performance Indicator measures the public's perception of the quality of the Company's customer service. This survey is to be administered by the Mississippi Public Service Commission with the provisions outlined below.

##### FORMULA AND DATA SOURCE:

A nationally recognized professional survey firm, chosen by the MPSC from a list to be provided by the Company, will conduct a customer opinion survey twice each year. The following questions will be asked in the following sequence as part of the customer opinion surveys:

1. **Overall, would you say your opinion of your electric company is very favorable, somewhat favorable, somewhat unfavorable, or very unfavorable?**

(The index for this question is the ratio of the total of the very favorable and somewhat favorable responses to the number of customers asked the question.)

The survey firm will ask, "Have you or anyone in your family had any occasion to contact the electric company about your service, your bill, or anything else within the last six months?" If the customer answers in the affirmative, they will be asked the following Question 2.

2. **Were you satisfied with the way your contact was handled, or should they have done better in some way?**

(The index for this question is the ratio of the satisfied responses to number of customers asked the questions.)

The survey firm then continues with:

**I'm going to read you several statements that might be made regarding your electric company. For each statement, please tell me whether you entirely agree with it, mostly agree, mostly disagree, or entirely disagree.**

3. **Electric company employees are nearly always courteous.**
4. **The company is willing to listen and respond to its customers' problems.**
5. **The company is fair and honest in its dealings with people.** (The index for each statement 3, 4, and 5, is the ratio of the entirely agree and mostly agree responses for each question to the number of customers asked the question.)



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### APPENDIX B (Continued)

#### CUSTOMER SATISFACTION (Continued):

#### FORMULA AND DATA SOURCE (Continued):

The responses to each question will be tallied and an index will be developed for each. The simple average of the total of these indices for the five questions will be used in the determination of the overall score attained for the Customer Satisfaction Indicator.

The simple average will be calculated by the following formula separately for the most recent available spring survey and the most recent available fall survey:

$$\frac{\text{Sum of Indices from 5 Questions}}{5} = \text{Average Customer Satisfaction Index (CSI)}$$

The CSI from the most recent spring and fall surveys will be averaged and used in the formula below. The Company's score on this indicator will be measured using the following formula:

$$\text{Customer Satisfaction Score} = (26.3158 \times \text{CSI}) - 15.1547$$

The score used for the Customer Satisfaction Indicator in the December 1 filing shall be between 0.00 and 10.00 (.005 and greater being rounded to .01).

#### SPECIAL PROVISIONS:

1. The survey firm shall be selected by the Commission and shall be a competent, professional, and nationally recognized survey firm. The Company will provide a list of firms meeting the criteria from which the Commission shall make its selection.
2. The scales used in this indicator were developed from data obtained by a nationally recognized, professional survey firm's asking the five questions listed above. If the survey firm is changed or different questions are asked, new scales will be developed which are compatible with the new data and will yield the same results as though the five questions used above had been asked. Should such a change occur, the last survey, asking the five questions above, will be used until a new surveyor, questions, and/or compatible scales can be developed.
3. If there is considerable difference in the price of the surveying firms, the Commission will choose the lower cost firm. Provided, however, there is reason to select a firm other than the lowest cost firm, the Commission will inform the Company as to the reason.

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### APPENDIX B (Continued)

#### CUSTOMER SATISFACTION (Continued):

#### SPECIAL PROVISIONS (Continued):

4. The survey must be conducted telephonically of residential customers only and must have completion of 900 surveys or other such number of surveys required to obtain a margin of error for the survey of plus or minus 3% (i.e. a 95% confidence level).
5. The Company will have access to all data gained from the survey. Additionally, the Company may from time to time require additional questions as part of the survey in order to gain information. However, those questions will be included in a manner following the above survey questions and in a manner as to not affect the survey results.

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**APPENDIX B (Continued)**

**CUSTOMER SERVICE RELIABILITY**

**GENERAL DESCRIPTION:**

This performance indicator measures the reliability of the Company's service to electric customers.

**FORMULA AND DATA SOURCE:**

The Reliability Index (RI) is calculated from Company records as follows:

$$RI = \left[ 1.00 - \frac{\sum_{x=1}^n C_x T_x}{C_t T_t} \right]$$

Where:

- RI = Reliability Index expressed as a ratio rounded to the nearest ten millionth (.0000001).
- x = An incident of customer interruption during the thirty-six months ended September prior to the December 1 filing.
- n = The number of individual interruptions during the thirty-six months ended September.
- C<sub>x</sub> = The number of customers affected by a specific interruption incident x, excluding those interruptions listed below.
- T<sub>x</sub> = The total time that customers C<sub>x</sub> were without power during incident x.
- $\sum_{x=1}^n C_x T_x$  = The total amount of customer time for all interruptions during the thirty-six months ended September, based on the summation of individual interruptions of varying length and affecting different numbers of customers.
- C<sub>t</sub> = The total number of Company customers at the end of September, as indicated by the number of meters in active use.
- T<sub>t</sub> = The total hours available to serve customers during the thirty-six months ended September.

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### APPENDIX B (Continued)

#### CUSTOMER SERVICE RELIABILITY (Continued):

#### FORMULA AND DATA SOURCE (Continued):

Customer interruptions excluded are all interruptions less than five minutes in duration, and interruptions due to the following:

1. Major disasters such as hurricanes, tornadoes, ice storms, manufacturers' equipment defects, sabotage and the like and not due to any omission of the Company.
2. Scheduled outages.
3. Outages to replace individual customers' meters or service drops.
4. Breaker and reclosure operations which do not lock out.
5. Outdoor lighting and street lighting.

Outages due to these reasons shall not be used to reduce the Reliability Index.

The Company's score on this indicator will be measured using the following formula:

$$\text{Customer Service Reliability Score} = (40,861.62 \times \text{RI}) - 40,846.46$$

The score used for the Customer Service Reliability Indicator shall be between 0.00 and 10.00 (.005 and greater being rounded to .01).

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**APPENDIX B (Continued)**

**PERFORMANCE REPORT**

**FOR TWELVE MONTHS ENDING MM/DD/YYYY**

	<b>PERFORMANCE SCORE</b>		<b>WEIGHT</b>		<b>WEIGHTED SCORE</b>
Customer Price	_____	X	.40	=	_____
Customer Satisfaction	_____	X	.20		_____
Customer Service Reliability	_____	X	.40		_____
SUM			1.00		_____
COMPANY PERFORMANCE RATING (CPR)*					_____

\* The CPR shall be between 0.00 and 10.00 (.005 and greater being rounded to .01).

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### APPENDIX C

#### RANGE OF NO CHANGE

Under Rate Schedule "PEP-5" the Company's PRRI is compared to the Range of No Change (the Range) to determine if the Company's retail revenues should be increased, decreased, or remain the same. The Range of No Change will be defined by the following formulas:

$$Y1, \text{ the Top of the Range of No Change} \\ Y1 = \text{PROI} + .50\%$$

$$Y2, \text{ the Bottom of the Range of No Change} \\ Y2 = \text{PROI} - .50\%$$

PROI is the Company's Performance Based Return on Investment and is developed by adjusting the Company's cost of equity ( $K_{AVG}$ ) for performance. Thus, the Range of No Change varies based on how well the Company performs as measured by the Performance Indicators.

The Company's cost of equity is adjusted for performance each Evaluation Period to obtain the performance-adjusted cost of equity ( $K_{PER}$ ) using the following formula:

$$K_{PER} = K_{AVG} + [ 10\% \times (CPR/100) ]$$

Where:

- $K_{AVG}$  = Company's cost of equity developed using the formulas described below (stated as a decimal).  
 $CPR$  = Company's Performance Rating, which ranges from 0.00 to 10.00, as presented in Appendix "B" on page 21 of this rate schedule.

The Company's performance-adjusted cost of capital (PROI) will be calculated as of the end of each projected annual Evaluation Period using the form listed below.

	Projected Simple Average Balance For YYYY	Projected Capital Structure Ratios	Projected Embedded Simple Average Cost As of MM/DD/YY	Projected Weighted Average Embedded Cost of Capital
Long Term Debt	\$ -	-%	-%	-%
Preferred Stock	-	-%	-%	-%
Common Equity	-	-%	$K_{PER}\%$	-%
	<u>\$</u>	<u>100.000%</u>		<u>PROI</u>

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### APPENDIX C (Continued)

The Company shall calculate  $K_{AVG}$  annually as of October 1, prior to the Evaluation Period of each year "PEP-5" is in effect and shall provide such calculation and supporting documentation to the Staff.

To calculate  $K_{AVG}$  each year, the results from the following three methodologies shall be averaged. A flotation adjustment of 0.125% shall be added to the average. The average will be rounded to the nearest thousandth percent (.0005% and greater being rounded to .001%).

- A. Discounted Cash Flow (DCF)
- B. Equity Risk Premium (ERP)
- C. Capital Asset Pricing Model (CAPM)

#### A. DCF

1. The following version of the DCF model shall be used.

$$K = (D_1/P_0) + g$$

Where:

$K$  = Investor-required market return (cost of common equity for each utility)

$D_1$  = The expected dividend in the first holding period. The dividend to be received is determined by increasing the current dividend by the applicable growth rate ( $g$ ) at the normal dividend change, timing pattern as stated in Value Line for each of the comparable companies.

$P_0$  = Stock price for the utility. The stock prices utilized in the formula shall be the average of the daily closing stock prices as presented in Yahoo! Finance for the one month prior to the  $K_{AVG}$  determination. (September 1 to September 30)

$g$  = Growth rate for the utility. The average of the projected earnings growth rates for each of the comparable companies as listed in Value Line, Thompson Financial, (Formerly First Call, Formerly IBES), and Zack's.

2. The sample should consist of the parent companies of the operating electric utilities labeled "vertically integrated electric utilities" listed by Moody's. In the event that this list is not available for any reason, the Company shall use its best efforts to obtain accurate and reliable information necessary to determine the appropriate parent companies to include in the sample. The following elimination criteria should be used to determine the representative group (the comparable companies)

Bond Rating - A company must be "investment grade", have a Moody's bond rating of Baa or better.

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### APPENDIX C (Continued)

Predominantly Regulated Company - Must have at least 50% of their operating revenues from electric revenues. This information is obtained from AUS Utility Reports.

Note: Utilities involved in a merger, deregulation, utilities that do not pay dividends, and utilities with projected growth rates equal to or less than zero should be excluded from the sample as well.

- The DCF model described above will be performed for each comparable company and the truncated mean should be used, derived by discarding the highest and lowest results of the DCF calculation.

#### B. Equity Risk Premium

- The following version of the Equity Risk Premium model shall be used.

**K = Bond Yield + Equity Risk Premium**

Where:

**Bond Yield** = The normalized yield on long-term Treasury bonds which is calculated as follows: (1) calculate the average yield for Moody's "AAA" rated corporate bonds (as reported by Moody's) for the month prior to the  $K_{AVG}$  calculation; (2) calculate the average of the annual spread between the yield for long-term Treasury bonds (as reported in the Ibbotson Yearbook) and Moody's "AAA" rated corporate bonds for the period 1926 to the latest year reported in the most current Ibbotson Year Book; and (3) subtract the average annual spread from the average Moody's "AAA" corporate bond yield.

**Equity Risk**

**Premium** = The Equity Risk Premium is developed by computing the actual return on equity capital for Moody's Electric Utility Index for each year from 1931 to the present. The equity risk premium is the average of the difference between the return for Moody's Electric Utility Index and the return on long-term Treasury bonds for each year.

#### C. CAPM

##### Standard CAPM

- The following version of the Standard CAPM model shall be used.

**K =  $R_f$  + Beta ( $R_m - R_f$ )**



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Where:

- R<sub>f</sub> = The Risk Free Rate is the normalized Bond Yield on 30 Year U.S. Treasury bonds as used in the Equity Risk Premium calculation.
- Beta = The Beta is the average of the betas as stated in Value Line for the same group of comparable utilities in the DCF test above. Those companies eliminated by the DCF truncation are also eliminated from this calculation
- R<sub>m</sub> = Two historical Market Risk Premiums shall be used. The first is the total return market equity risk premium for the most current year listed and the second is the income equity risk premium for the same time period. Both are found in Ibbotson Associated Yearbook.

Two projected market risk premiums shall be used. The first is the Value Line Indicated Total Return less the normalized Yield on 30 Year U.S. Treasury bonds. The second is the S&P 500 Indicated Total Return less the normalized Yield on 30 Year U.S. Treasury bonds.

2. R<sub>m</sub> Four calculations are performed for the Standard CAPM using each of the four market risk premiums.

#### Empirical CAPM

3. The following version of the Empirical CAPM model shall be used

$$K = R_f + 0.25 (R_m - R_f) + 0.75 \text{ Beta } (R_m - R_f)$$

Where:

- R<sub>f</sub> = The Risk Free Rate is the normalized Yield on 30 Year U.S. Treasury bonds as used in the Equity Risk Premium calculation.
- Beta = The Beta is the average of the betas as stated in Value Line for the same group of comparable utilities used in the DCF test above. Those companies eliminated by the DCF truncation are also eliminated from this calculation.

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$R_m$  = Two historical Market Risk Premiums shall be used. The first is the total return market equity risk premium for the most current year listed and the second is the income equity risk premium for the same time period. Both are found in Ibbotson Associates Yearbook.

Two projected market risk premiums should be used. The first uses the Value Line Indicated Total Return less the normalized Yield on 30 Year U.S. Treasury bonds. The second is the S&P 500 Indicated Total Return less the normalized Yield on 30 Year U.S. Treasury bonds.

4. Four calculations are performed for the Empirical CAPM using each of the four market risk premiums.
5. All eight calculations (the four calculations per the Standard CAPM formula and the four calculations per the Empirical CAPM formula) are averaged to determine the resulting CAPM return.

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## APPENDIX D

### REVENUE ADJUSTMENT WORKSHEET

The revenue changes under Rate Schedule "PEP-5" will be determined by utilizing this Revenue Adjustment Worksheet.

#### COMPARING PRRI TO THE RANGE OF NO CHANGE

The Company's PRRI is compared to the Range of No Change. If the PRRI is within the Range of No Change, no revenue adjustment will be made for that evaluation period. If the PRRI falls outside the Range, one of the adjustments below will be made.

#### DETERMINING THE REVENUE ADJUSTMENT

When revenue increases or decreases are required by the operation of Rate Schedule "PEP-5," they shall be calculated as stated below.

Where:

$$ER_{ADJ} = 0.50\% \times (\text{Average Balance of Common Equity} \div \text{Average Capitalization})$$

1. If the Company's PRRI is above the Range of No Change and its CPR is less than 2.00, then the Company shall decrease revenues to a Point of Adjustment which is based upon the Company's performance as measured by its CPR. When the CPR is less than 2.00, the Point of Adjustment is determined by the formula below.

$$\text{Point of Adjustment} = \text{PROI}$$

2. If the Company's PRRI is above the Range of No Change and its CPR is 2.00 or greater and less than 5.00, then the Company shall decrease revenues to a Point of Adjustment which is based upon the Company's performance as measured by CPR. When the CPR is 2.00 or greater and less than 5.00, the Point of Adjustment is determined by the formula below:

$$\text{Point of Adjustment} = \text{PROI} + (0.50\% - ER_{ADJ}) - (((5 - \text{CPR}) \div 3) \times (0.50\% - ER_{ADJ}))$$

3. If the Company's PRRI is above the Range of No Change and its CPR is 5.00 or greater and less than 9.00, then the Company shall decrease revenues to a Point of Adjustment which is based upon the Company's performance as measured by its CPR. When the CPR is 5.00 or greater and less than 9.00, the Point of Adjustment is determined by the formula below.

$$\text{Point of Adjustment} = \text{PROI} + 0.50\% - (((9 - \text{CPR}) \div 4) \times ER_{ADJ})$$

4. If the Company's PRRI is above the Range of No Change and its CPR is 9.00 or greater, then the Company shall decrease revenues to a Point of Adjustment which is based upon the Company's performance as measured by its CPR. When the CPR is 9.00 or greater, then the Point of Adjustment is determined by the formula below.

$$\text{Point of Adjustment} = \text{PROI} + 0.50\%$$

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5. If the Company's PRRI is below the Range of No Change and its CPR is less than 2.00, then the Company shall increase revenues to a Point of Adjustment which is based upon the Company's performance as measured by its CPR. When the CPR is less than 2.00 the Point of Adjustment is determined by the formula below.

$$\text{Point of Adjustment} = \text{PROI} - 0.50\%$$

6. If the Company's PRRI is below the Range of No Change and its CPR is 2.00 or greater and less than 5.00, then the Company shall increase revenues to a Point of Adjustment which is based upon the Company's performance as measured by CPR. When the CPR is 2.00 or greater and less than 5.00, the Point of Adjustment is determined by the formula below:

$$\text{Point of Adjustment} = \text{PROI} - \text{ER}_{\text{ADJ}} - (((5 - \text{CPR}) \div 3) \times (0.50\% - \text{ER}_{\text{ADJ}}))$$

7. If the Company's PRRI is below the Range of No Change and its CPR is 5.00 or greater and less than 9.00, then the Company shall increase revenues to a Point of Adjustment which is based upon the Company's performance as measured by its CPR. When the CPR is 5.00 or greater and less than 9.00, the Point of Adjustment is determined by the formula below.

$$\text{Point of Adjustment} = \text{PROI} - (((9 - \text{CPR}) \div 4) \times \text{ER}_{\text{ADJ}})$$

8. If the Company's PRRI is below the Range of No Change and its CPR is 9.00 or greater, than the Company shall increase revenues to a Point of Adjustment which is based upon the Company's performance as measured by its CPR. When the CPR is 9.00 or greater, the Point of Adjustment is determined by the formula below.

$$\text{Point of Adjustment} = \text{PROI}$$

### DETERMINING ADJUSTMENTS RELATED TO PRIOR YEAR'S ACTUAL RESULTS

To comply with the “Review and Adjustment for Prior Year's Actual Results” portion of this Schedule, the Company's EROI is compared to the Range of No Change. If the EROI is within the Range of No Change, no further adjustment will be made. If the EROI falls below the Range of No Change, the point of adjustment for a surcharge shall be the bottom of the Range of No Change. If the EROI falls above the Range of No Change, the point of adjustment for a refund or credit shall be the top of the Range of No Change.

**PERFORMANCE EVALUATION PLAN  
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**APPENDIX D (Continued)**  
**REVENUE ADJUSTMENT WORKSHEET**  
**TWELVE MONTHS ENDING MM/DD/YYYY**

I. Determination of Need for Revenue Adjustment

- A. Y1 - Top of Range of No Change \_\_\_\_\_
- B. Y2 - Bottom of Range of No Change \_\_\_\_\_
- C. PRRI per Appendix "A," Line 57. \_\_\_\_\_
- D. Does comparison of PRRI to the Range of No Change indicate a revenue adjustment is required?
  - 1. \_\_\_\_\_ No, stop here.
  - 2. \_\_\_\_\_ Yes, PRRI is outside the Range of No Change. Make Revenue Adjustment per calculation below.

II. Determine the Point of Adjustment

- A. CPR \_\_\_\_\_
- B. PROI \_\_\_\_\_
- C. Point of Adjustment \_\_\_\_\_

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## APPENDIX D (Continued)

### Revenue Adjustment Calculations

Revenue Adjustment for PRRI outside the Range of No Change

1. Total Retail Projected Net Investment (Appendix "A," Line 26)	
2. Point of Adjustment (Line II.C. above)	
3. Target Net Income (Line 1 x Line 2)	
4. Total Retail Projected Operating Income (Appendix "A," Line 56)	
5. Total Retail Net Income Adjustment (Line 3 - Line 4)	
6. Income Tax Adjustment Factor <sup>1</sup>	
7. Calculated Revenue Adjustment (Line 5/Line 6) <sup>2</sup>	
8. Revenues from Retail Sales (Appendix "A," Line 27)	
9. Maximum Revenue Adjustment Limit	.04
10. Maximum Revenue Adjustment (Line 8 x Line 9)	
11. Actual Revenue Adjustment (Lesser of Line 7 or Line 10) <sup>2</sup>	
12. % of Retail Revenues (Line 11/Line 8)	

<sup>1</sup>The factor represents a composite of Federal and State income tax and municipal franchise taxes.

<sup>2</sup> Due to practical constraints, no adjustments under this Schedule will be made for amounts less than \$250,000.

## PERFORMANCE EVALUATION PLAN RATE SCHEDULE “PEP-5”

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### APPENDIX E

#### FILING REQUIREMENTS

Item No. in Appendix C Schedule 3 of MPSC Public Utility Rules of Practice & Procedure	Statute	Filing Requirement	Applicability to PEP-5
1	77-3-37(2)(i) and 77-3-37(4)(f)	All direct testimony to be relied upon including a statement of the proposed changes and the reasons for the changes.	Required for rate changes in excess of two percent (2%)
2	77-3-37(2)(b)	Schedule of present rates, fares, tolls, charges or rentals in effect, and the changes proposed to be made.	Required for rate changes in excess of two percent (2%)
3	77-3-37(2)(b)	Sample tariffs implementing the changes.	Required for all rate changes
4	77-3-37(2)(c)	Balance sheet for the most recent month available which shall be not later than nine months prior to the filing date. For multi-state utilities, the balance sheet shall be for the company as a whole plus an estimated balance sheet for Mississippi operations and a summary of the basis on which the estimate was prepared.	September Balance Sheet of Company's Operating Report
5	77-3-37(2)(d)	Operating statement of revenues and expenses [by account number] for twelve months ending as of the date of the balance sheet.	September Income Statement of Company's Operating Report
6	77-3-37(2)(e)	Pro forma operating statement in the same form as the actual operating statement [showing estimated revenues and expenses] beginning with the effective date of the proposed changes (a) without giving effect to changed rates (b) giving effect to changed rates.	Projected PEP-5 Appendix A without proposed rate changes is required for all filings. Projected PEP-5 Appendix A with proposed rate changes is required for rate changes in excess of two percent (2%).

## PERFORMANCE EVALUATION PLAN RATE SCHEDULE "PEP-5"

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### APPENDIX E (Continued)

Item No	Statute	Filing Requirement	Applicability to PEP-5
7	77-3-37(2)(f)	Pro forma operating statement in the same form as the actual operating statement for the same period giving effect to the proposed changes in rates and adjusted for known changes in the cost of operations.	Same as item no. 6
8	77-3-37(2)(g)	Statement showing (a) number of current customers by classes affected by the proposed changes (b) the actual revenue under the old rates arising from each class and (c) the annual amount of the proposed increase or decrease applicable to each class.	Required for all rate changes in excess of two percent (2%)
	77-3-37(2)(h)	As to public utilities described in Miss. Code Ann., Section 77-3-3 (d)(iv), description of the utility's property, including a statement of the original cost and the cost to the utility. Provide a listing of all depreciable assets by applicable account number:  (a) Description of Asset; (b) In Service Date; (c) Original cost of asset to the utility; (d) Life of Asset; (e) Depreciation accrued to date.	September Balance Sheet and Schedules of Plant in Service of Company's Operating Report
9		Statement showing the utility's calculation of jurisdictional rate base including, if applicable, gross plant, accumulated depreciation, working capital, material and supplies, other properties and assets, accumulated deferred income taxes, customer deposits and investment tax credits.	Same as item no. 6
10		Statement showing utility's calculation of return on rate base with and without the proposed increase.	Same as item no. 6
11		Federal Income tax returns and State Income tax returns, with all required attachments and schedules, for prior three years. If a consolidated return, the portion applicable to Mississippi.	Waived



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### APPENDIX E (Continued):

Item No.	Statute	Filing Requirement	Applicability to PEP-5
12	77-3-37(2)(a)	(if corporation) Copy of charter or articles of incorporation.	By reference.
13	77-3-37(2)(j) and (k)	(if corporation) The amount and kinds of stock authorized, issued and outstanding.	September Balance Sheet of Company's Operating Report and 10K Statement of Capitalization for prior calendar year by reference
14	77-3-37(2)(l)	(if corporation) The number and amount of bonds authorized and the number and amount issued.	September Balance Sheet of Company's Operating Report and 10K Statement of Capitalization for prior calendar year by reference
15	77-3-37(2)(m)	(if corporation) The rate and amount of dividends paid during the five previous fiscal years and the amount of capital stock on which dividends were paid each year.	10K Statements of Common Stockholders' Equity by reference for previous calendar years
16	77-3-37(2)(n)	(if corporation) An analysis of the surplus covering the period from the close of the last calendar year for which an annual report has been filed with the Commission to the date of the balance sheet attached to the notice.	September Statement of Retained Earnings of Company's Operating Report
22		Copy of notice to customers sent pursuant to Rule 9B (1).	Copy of bill stuffer for rate changes in excess of two percent (2%)
23		An exhibit listing the names and addresses of all interested persons as defined in Rule 2K of the Commission's Rules of Practice and Procedure together with a certificate that the filing utility has served a notice of the filing upon each.	Required for all rate changes in excess of two percent (2%)
24		The year of the last authorized major rate increase, amount of the increase and the docket number of the proceeding.	List year and amount of last major rate increase in Notice.