

ARKANSAS PUBLIC SERVICE COMMISSION

1st Revised

Sheet No. 38.1

Schedule Sheet 1 of 6
Including Attachment

(AT)

Replacing: Original

Sheet No. 38.1

Entergy Arkansas, Inc.

Name of Company

Kind of Service: Electric

Class of Service: All

Docket No.: 06-101-U

Order No.: 16

Effective: 6/16/07

Part III. Rate Schedule No. 38

Title: Energy Cost Recovery Rider (ECR)

PSC File Mark Only

38.1. RECOVERY OF ENERGY COST

Energy Cost Recovery Rider ECR ("Rider ECR") defines the procedure by which the "Energy Cost Rate" of Entergy Arkansas, Inc. ("EAI" or "Company") shall be initially established and periodically redetermined. The Energy Cost Rate shall recover the Company's net fuel and purchased energy cost, as defined in this Rider ECR ("Energy Cost").

38.2. ENERGY COST RATE

The Energy Cost Rate to be initially effective under this Rider ECR shall be determined in the manner prescribed by the Arkansas Public Service Commission ("Commission") in its final order in Docket No. 96-360-U and shall become effective upon the date established by the Commission. The Energy Cost Rate shall then be redetermined annually through filings to be made in accordance with the provisions of § 38.3 of this Rider ECR.

(CT)

The Energy Cost Rate shall be applied to each customer's monthly billing energy (kWh), except that the Energy Cost Rate shall not apply to a special rate contract unless such contract includes specific provisions related to the recovery of the Company's Energy Cost.

38.3. ANNUAL REDETERMINATION

On or before March 15 of each year beginning in 1999, the Company shall file a redetermined Energy Cost Rate with the Commission. The redetermined Energy Cost Rate shall be determined by application of the Energy Cost Rate Formula set out in Attachment A to this Rider ECR. Each such revised Energy Cost Rate shall be filed in the proper underlying docket and shall be accompanied by a set of workpapers sufficient to fully document the calculations of the revised Energy Cost Rate.

(CT)

The redetermined Energy Cost Rate shall reflect the projected Energy Cost for the 12-month period commencing on April 1 of each year ("Projected Energy Cost Period") together with a true-up adjustment reflecting the over-recovery or under-recovery of the Energy Cost for the 12-month period ended December 31 of the prior calendar year ("Energy Cost Period"). The Energy Cost Rate so redetermined shall be effective for bills rendered on and after the first billing cycle of April of the filing year and shall then remain in effect for twelve (12) months ("Rider Cycle"), except as otherwise provided for below.

The annual update shall include the additional reporting requirements as ordered in Commission Order No. 10 Docket No. 06-101-U.

ARKANSAS PUBLIC SERVICE COMMISSION

2nd Revised Sheet No. 38.2 Schedule Sheet 2 of 6
Including Attachment

Replacing: 1st Revised Sheet No. 38.2

Entergy Arkansas, Inc.
Name of Company

Kind of Service: Electric Class of Service: All

Part III. Rate Schedule No. 38

Title: Energy Cost Recovery Rider (ECR)

Docket No.: 06-101-U
Order No.: 18
Effective: 2/25/08

PSC File Mark Only

CT

38.4. INTERIM ADJUSTMENT

Should a cumulative over-recovery or under-recovery balance arise during any Rider Cycle which exceeds ten (10) percent of the Energy Cost determined for the Energy Cost Period included in the most recently filed rate redetermination under this Rider ECR, then either the Arkansas Public Service Commission General Staff or the Company may propose an interim revision to the then currently effective Energy Cost Rate.

38.5. TERM

This Rider ECR shall remain in effect subject to eighteen months advance notice of termination by the Commission following notice and hearing.

CT

ENERGY COST RATE FORMULA

ECR = ENERGY COST RATE

ECR = (TUA + PEC) / PES

WHERE,

TUA = TRUE-UP ADJUSTMENT FOR THE ENERGY COST PERIOD INCLUDING CARRYING CHARGES (1)(5) (AT)

$$TUA = \sum_{j=1}^{12} (EC_j - (RR_j - PTU_j)) + (((BB_j + EB_j)/2) * (CCR/12)) \quad (CT)$$

WHERE,

EC_j = ENERGY COST FOR MONTH j OF THE ENERGY COST PERIOD

EC_j = $FE_j + PE_j + RSC_j - SO2_j$

WHERE,

FE_j = FUEL EXPENSE CHARGED TO ACCOUNTS 501, 509, 518, AND 547 IN MONTH j OF THE ENERGY COST PERIOD AND USED TO PRODUCE ENERGY ASSIGNED TO THE COMPANY'S RETAIL CUSTOMERS (2)

PE_j = PURCHASED ENERGY EXPENSE CHARGED TO ACCOUNT 555 IN MONTH j OF THE ENERGY COST PERIOD, BUT EXCLUDING THE RETAINED SHARE PORTION OF GRAND GULF FUEL CHARGES USED TO PRODUCE ENERGY ASSIGNED TO THE COMPANY'S RETAIL CUSTOMERS (2)(8)

RSC_j = GRAND GULF RETAINED SHARE ENERGY CHARGE IN MONTH j OF THE ENERGY COST PERIOD AND ASSIGNED TO THE COMPANY'S RETAIL CUSTOMERS (3)

$SO2_j$ = REVENUES ASSOCIATED WITH THE SALES OF SO2 EMISSIONS ALLOWANCES RECORDED IN ACCOUNTS 447 AND 411.8.

ENERGY COST RATE FORMULA (CONT'D)

RR_j = REVENUE UNDER RIDER ECR FOR MONTH j OF THE ENERGY COST PERIOD PLUS AN IMPUTED LEVEL OF REVENUES FOR SALES UNDER SPECIAL RATE CONTRACTS WHERE THE ENERGY COST RATE IS NOT SEPARATELY BILLED

PTU_j = PRIOR PERIOD TRUE-UP ADJUSTMENT APPLICABLE FOR MONTH j OF THE ENERGY COST PERIOD (4)

BB_j = BEGINNING CUMULATIVE OVER(UNDER)-RECOVERY BALANCE FOR MONTH j (Excluding carrying charges) | (AT)

EB_j = ENDING CUMULATIVE OVER(UNDER)-RECOVERY BALANCE FOR MONTH j (Excluding carrying charges) | (AT)

CCR = CARRYING CHARGE RATE (5)

PEC = PROJECTED ENERGY COST FOR THE PROJECTED ENERGY COST PERIOD (6)

$$PEC = \sum_{j=1}^{12} EC_j + NRFA \quad (7)$$

WHERE,

EC_j = ENERGY COST FOR MONTH j OF THE ENERGY COST PERIOD (1)

NRFA = NUCLEAR REFUELING OUTAGE ADJUSTMENT

NFRA = $GACR * (RHD1 * CAP1 + RHD2 * CAP2 + RHDGG * CAPGG)$

ENERGY COST RATE FORMULA (CONT'D)

WHERE,

GACR = ANNUAL AVERAGE AVOIDED ENERGY COST RATE (\$/kWh) AT GENERATION LEVEL FOR THE ENERGY COST PERIOD AS SET OUT IN THE MOST RECENT FILING WITH THE COMMISSION PURSUANT TO SMALL COGENERATION RIDER SCR OR ANY SUPERSEDING RATE SCHEDULE

(CT)

RHD1 = INCREASE (+) OR DECREASE (-) IN REFUELING OUTAGE HOURS FOR ANO UNIT 1 BETWEEN THE ENERGY COST PERIOD AND THE PROJECTED ENERGY COST PERIOD

CAP1 = NET CAPABILITY (kW) OF ANO UNIT 1 AT THE END OF THE ENERGY COST PERIOD THAT IS AVAILABLE TO THE COMPANY'S RETAIL CUSTOMERS

RHD2 = INCREASE (+) OR DECREASE (-) IN REFUELING OUTAGE HOURS FOR ANO UNIT 2 BETWEEN THE ENERGY COST PERIOD AND THE PROJECTED ENERGY COST PERIOD

CAP2 = NET CAPABILITY (kW) OF ANO UNIT 2 AT THE END OF THE ENERGY COST PERIOD THAT IS AVAILABLE TO THE COMPANY'S RETAIL CUSTOMERS

RHDGG = INCREASE (+) OR DECREASE (-) IN REFUELING OUTAGE HOURS FOR GRAND GULF BETWEEN THE ENERGY COST PERIOD AND THE PROJECTED ENERGY COST PERIOD

CAPGG = NET CAPABILITY (kW) OF EAI'S ALLOCATED SHARE OF GRAND GULF AT THE END OF THE ENERGY COST PERIOD AS REDUCED BY THE RETAINED SHARE AND THAT IS AVAILABLE TO THE COMPANY'S RETAIL CUSTOMERS

PES = PROJECTED SALES (kWh) SUBJECT TO THIS RIDER ECR FOR THE PROJECTED ENERGY COST PERIOD

Docket No.: 09-084-U

Order No.: 20

Effective: 6/30/10

Attachment A to

Rate Schedule No. 38

Page 4 of 4: Schedule Sheet 6 of 6

ENERGY COST RATE FORMULA (CONT'D)

NOTE:

- 1) The Energy Cost Period is the calendar year immediately preceding the filing year.
- 2) The assignment of energy to retail is pursuant to Order No. 12 of Docket No. 03-028-U. This component of the Energy Cost shall exclude any amount incurred in conjunction with supplying Substitute Energy, as provided for under the ownership contracts between EAI and the co-owners of certain of the Company's generating plants.
- 3) RSC_j is to be determined by multiplying the Grand Gulf Retained Share energy (kWh) supplied to the Company's retail customers in each month by the annual average avoided energy cost rate (\$/kWh) at generation level most recently filed with the Commission pursuant to Small Cogeneration Rider SCR or any superseding rate schedule.
- 4) The value of PTU_j for month j of the then current Energy Cost Period shall be equal to one-twelfth of the True-up Adjustment (TUA) previously determined under the provisions of this Rider ECR for the second preceding Energy Cost Period for $j=1,3$ (January through March) and equal to one-twelfth of the True-up Adjustment (TUA) for the immediately preceding Energy Cost Period for $j=4,12$ (April through December).
- 5) Monthly carrying charges shall be calculated on the average beginning and ending over(under)-recovery balances, excluding carrying charges, using the Commission approved customer deposit simple interest rate for the period.6)
The Projected Energy Cost Period is the twelve-month period commencing on April 1 of the filing year.
- 7) Should there be unusual circumstances associated with any Projected Cost Period either the Company or the Staff may propose use of a Projected Energy Cost (Variable PEC) different from that defined by this formula.
- 8) PE_j shall exclude FERC-Ordered System Agreement payments/receipts.

(CT)