

FEDERAL ENERGY REGULATORY COMMISSION  
Washington, D.C. 20426

OFFICE OF ENERGY PROJECTS

Docket No. HB06-15A-73  
Brookfield Power Piney and Deep Creek

**July 21, 2015**

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Mr. Randy Garletts  
Brookfield Power Piney and Deep Creek  
14 River View Terrace  
Oakland, MD 21550

Subject: 2015 Annual Headwater Benefits Bill- Clarion River Basin, Docket No. HB06-15A-73

Dear Mr. Garletts:

By order issued July 11, 1983, Docket No. HB06-75-3-000,<sup>1</sup> the Commission established annual fees for benefits derived from headwater projects in the Clarion River Basin. The East Branch Federal Reservoir benefits your project. The table below represents the headwater benefits assessment for the period January 1, 2014, through December 31, 2014:

<b>Downstream Project Name</b>	<b>FERC Project No.</b>	<b>Headwater Benefits Assessment</b>
Piney	309A	\$7,085.00
<b>Admin. Charges to FERC</b>		\$512.00
<b>Total</b>		<b>\$7,597.00</b>

In a letter filed on July 10, 2015, the U.S. Army Corps of Engineers (Corps) informed the Commission that a Dam Safety Modification Study was completed and

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<sup>1</sup> *Pennsylvania Electric Company*, 24 FERC ¶ 62,053 (1983).

approved in October 2010, and recommended to construct a cut-off wall within the dam. In September 2011, the Corps approved the first construction contract for site development. On May 10, 2013, the Corps proposed to construct the cut-off wall, and awarded the contract in August 2014, for \$132,504,348.00. The Corps are planning to complete the cutoff wall by June 23, 2019. Therefore, this year's bill includes the capital cost portion incurred by the Corps during the 2014 year due to dam safety construction. (See attached Calculation Sheet). The enclosed bill and payment thereof are final. Please remit payment, by check or money order, to:

**By Mail**

Federal Energy Regulatory  
Commission  
P.O. Box 979010  
St. Louis, MO 63197-9000

**By Courier**

ATTN: Government Lockbox  
US Bank  
1005 Convention Plaza  
SL-MOC1GL  
St. Louis, MO 63101

**By ACH Credit**

Federal Reserve Bank of Richmond  
ABA #051036706  
FERC's Account #540032  
Bill Number

**By Wire**

Federal Reserve Bank of NYC  
ABA # 021030004  
BENEFICIARY: FERC 89000004  
Bill Number

Payment is due by the date indicated. Payment must reach the Lockbox on or before the due date to prevent the assessment of penalty and administrative charges. FERC staff will not receive correspondence sent to the Lockbox. Make your check or money order payable to the Federal Energy Regulatory Commission. Please write the **Bill Number(s)** on your check or money order. Return the summary sheet with your check or money order. Include **Bill Number(s)** on instructions for ACH transfer. For general information about headwater benefits, visit the Commission's Internet site at: <http://www.ferc.gov/> and follow the links to the hydropower page.

Sincerely,

Kelly Houff  
Chief, Engineering Resources Branch  
Division of Hydropower Administration  
and Compliance

Enclosure

cc: Department of the Army (with enclosure)  
U.S. Army Corps of Engineers  
Resource Management, 3P16  
Attn: Glenda F. Hood  
441 G Street, N.W  
Washington, DC 20314-1000

U.S. Army Corps of Engineers (w/o enclosure)  
Great Lakes & Ohio River Division  
550 Main Street, Room 10032  
Cincinnati, Ohio 45202-3222

Mr. David Barnhart  
General Manager  
Brookfield Renewable Power  
326 Third Avenue, Suite 201  
Montgomery, WV 25136-2138

CLARION RIVER CALCULATION SHEET

(1) Year	(2) Total Project Costs (\$)	(3) Interest Costs (\$)	(4) Depreciation Costs @ 1.026% (\$)	(5) Annual Maintenance Costs (\$)	(6) Annual Project Costs (\$)	(7) Headwater Benefits Assessment (\$)
1962-73	9,027,350	225,684	92,621	18,000	336,305	2,149
1974	9,524,600	238,115	97,722	23,200	359,037	2,294
1975	9,524,600	238,115	97,722	20,100	355,937	2,274
1976	9,524,600	238,115	97,722	8,200	344,037	2,198
1977	9,524,600	238,115	97,722	10,800	346,637	2,215
1978	9,524,600	238,115	97,722	27,700	363,537	2,323
1979	9,524,600	238,115	97,722	63,999	399,836	2,555
1980	9,524,600	238,115	97,722	6,808	342,645	2,190
1981	9,539,585	238,490	97,876	38,169	374,535	2,393
1982	9,539,585	238,490	97,876	71,963	408,329	2,609
1983	9,539,585	238,490	97,876	68,748	405,114	2,589
1984	9,539,585	238,490	97,876	159,250	495,616	3,167
1985	9,539,586	238,490	97,876	171,877	508,243	3,248
1986	9,539,586	238,490	97,876	164,659	501,025	3,202
1987	9,539,586	238,490	97,876	167,872	504,238	3,222
1988	9,539,586	238,490	97,876	167,328	503,694	3,219
1989	9,539,586	238,490	97,876	236,300	572,666	3,659
1990	9,539,586	238,490	97,876	316,089	652,455	4,169
1991	9,539,586	238,490	97,876	997,041	1,333,407	8,520
1992	9,539,586	238,490	97,876	185,022	521,388	3,332
1993	9,539,586	238,490	97,876	266,488	602,854	3,852
1994	9,539,586	238,490	97,876	53,204	389,570	2,489
1995	9,539,586	238,490	97,876	224,432	560,798	3,583
1996	9,539,586	238,490	97,876	294,360	630,726	4,030
1997	9,539,586	238,490	97,876	111,554	447,920	2,862
1998	9,539,586	238,490	97,876	81,082	417,448	2,667
1999	9,539,586	238,490	97,876	125,530	461,896	2,952
2000	9,539,586	238,490	97,876	102,081	438,447	2,802
2001	9,539,586	238,490	97,876	99,732	436,098	2,787
2002	9,539,586			164,407	143,898	920
2003	9,539,586			143,898	143,898	920
2004	9,539,586	*	*	128,670	128,670	822
2005	9,539,586	*	*	20,599	20,599	132
2006	9,539,586	*	*	22,176	22,176	142
2007	9,539,586	*	*	22,176	22,176	142
2008	9,539,586	*	*	214,626	214,626	1,371
2009	9,539,586	*	*	353,110	353,110	2,256
2010	9,539,586	*	*	362,806	362,806	2,318
2011	9,539,586	0	0	486,480	486,480	3,109
1/	<u>7,955,893</u>	<u>318,236</u>	<u>81,627</u>			
2012	17,495,479	318,236	81,627	108,395	508,258	3,248
2/	<u>6,576,415</u>	<u>246,616</u>	<u>67,474</u>			
2013	24,071,894	564,852	149,101	527,308	1,241,261	7,932
3/	<u>5,167,410</u>	<u>180,859</u>	<u>53,018</u>			
2014	29,239,304	745,711	202,119	160,865	1,108,695	7,085

\* Original capital costs were fully amortized in 2001. Therefore 10(f) costs include only maint. costs, until new capital expenditures are incurred

During 2012 year, a capital cost of \$7,955,893.02 was incurred for dam safety construction

During 2013 year, a capital cost of \$6,576,414.64 was incurred for dam safety construction

During 2014 year, a capital cost of \$5,167,419.95 was incurred for dam safety construction

1/ 2012 interest rate = 4.000%; 50-year amortization period

2/ 2013 interest rate = 3.750%; 50 -year amortization period

3/ 2014 interest rate = 3.50%; 50 -year amortization period

Capital and Maint. Costs were provided by the COE, via e-mail on July 8, 2015

2015 HWB Assessments= Maintenance Cost(6) x %Allocated to Power

%Allocated to Power is 0.639, See Order 24 FERC 62,053

## DISBURSEMENT OF HEADWATER BENEFITS ASSESSMENTS

**River Basin:** Clarion

**Docket No.:** HB06-15A-73 (Brookfield Power Piney and Deep Creek)

**Disbursement:** Department of the Army (with enclosure)  
U.S. Army Corps of Engineers  
Resource Management, 3P16  
Attn: Glenda F. Hood  
441 G Street, N.W  
Washington, DC 20314-1000

The table below describes the apportionment of the headwater benefits assessment for the East Branch Lake Reservoir providing energy gains for the period January 1, 2014, through December 31, 2014:

### DISBURSEMENT TO THE CORPS OF ENGINEERS:

UPSTREAM RESERVOIR NAME	APPORTIONMENT
East Branch (Total to Corps)	\$7,085.00
Admin. Charges to FERC	\$512.00
<b>Total</b>	\$7,597.00

## GENERAL PAYMENT INSTRUCTIONS

Make your check or money order payable to **FERC**. Please write **BILL NUMBER(S)** on your check or money order. Return the summary sheet with your check or money order. Include **BILL NUMBER(S)** on instructions for ACH transfer.

\* We must receive your payment at the Lock Box by the due date to avoid penalty and administrative charges. FERC staff will NOT receive correspondence sent to the Lock Box.\*

ACH Credit:	Federal Reserve Bank of Richmond ABA Number 051036706 FERC's Account Number 540032 Bill Number	Wire:	Federal Reserve Bank of NYC ABA Number 021030004 BENEFICIARY: FERC 89000004 Bill Number
Courier:	US Bank Attn: Government Lockbox 1005 Convention Plaza SL-MOC1GL St. Louis, MO 63101	Mail:	Federal Energy Regulatory Commission P.O. Box 979010 St. Louis, MO 63197-9000

### **REQUIREMENTS**

The basis for the submission of this statement of annual charges is Section 10(e) (annual charges) or 10(f) (headwater benefits assessments) of Part I of the Federal Power Act for licensees and Section 3401 of the Omnibus Budget Reconciliation Act of 1986 for exemptees.

Payment is due 45 days from the statement issue date. Penalty and administrative charges accrue on an unpaid balance after the due date, and possibly assessed monthly. We will place payments made "under protest" in a suspense account until we make a determination on the appeal (and subsequent rehearing, if it is one filed). Making a payment "under protest" alone is not sufficient to appeal the bill.

This statement of annual charges is subject to subsequent correction in case of error, even though you already made the payment. In such event, if the correction shows a decrease in the total charges, you will get a credit on the statement for the following year. If the correction shows an increase, additional remittance will be required, upon notification.

### **APPEALS**

If you believe this statement is incorrect, you must file an appeal with the Chief Financial Officer, no later than 45 days after rendition of the statement. Written appeals may be sent to: Federal Energy Regulatory Commission, Chief Financial Officer, 888 First Street, NE, Washington, DC, 20426. You may call Mr. Norman Richardson at (202) 502-6219 or Ms. Raven Rodriguez at (202) 502-6276, with any questions. You must still make timely payment of the charges assessed to avoid penalty and administrative charges.

### **REQUESTS FOR REHEARING**

For the Commission to consider an argument of law or policy, you must file a Request for Rehearing, no later than 30 days from the Chief Financial Officer's decision on the appeal (18 CFR, 385.713). The request for rehearing is not a stay of the Commission's statement, and if you have not yet paid or, of the disposition result of your appeal, now owe additional sums, you must still pay the charges to avoid any penalty and administrative charges. Send requests for rehearing to: Federal Energy Regulatory Commission, Secretary Kimberly Bose, 888 First Street, NE, Washington, DC, 20426.

**FERC's Federal ID: 52-1383541**

**FEDERAL ENERGY REGULATORY COMMISSION**  
WASHINGTON, D.C. 20426

Mr. Randy Garletts  
Brookfield Power Piney and Deep Creek  
14 River View Terrace  
Oakland, MD 21550

BILL NUMBER:	HB1546	BILLED AMOUNT:	\$7,597.00
INT. RATE:	05.00%		
BILL DATE:	7/21/15		
DUE DATE:	9/04/15		
DOE CID REFERENCE:	HB1546	RECEIPTS:	\$ 0.00
		TOTAL DUE:	\$7,597.00

Dear Brookfield Power Piney and Deep Creek:

The attached letter describes the breakdown of annual charges for Headwater Benefits. We must receive the payment at our LOCKBOX on or before the due date to avoid the assessment of penalty and administrative charges. If you have any questions regarding payment, please contact Mr. Norman Richardson (202) 502-6219.