

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC POWELL'S VALLEY WATER	)	
DISTRICT UNACCOUNTED-FOR WATER LOSS	)	CASE NO.
REDUCTION PLAN, SURCHARGE AND	)	2024-00314
MONITORING	)	

ORDER

The Commission, on its own motion, initiates this proceeding for the purpose of monitoring Powell's Valley Water District's (Powell's Valley District) unaccounted-for water loss reduction plan surcharge, which was approved in Case No. 2023-00387.<sup>1</sup> Information provided by Powell's Valley District in its past five Annual Reports filed with the Commission reflect the following.<sup>2</sup>

Year	Reported Percentage Water Loss	Purchased Water and Power	Cost of Water Loss in Excess of 15%	Total Cost of Water Loss
2022	27.5869%	\$ 408,141	\$ 51,927	\$ 113,809
2021	29.3088%	446,229	64,217	131,536
2020	26.6142%	409,205	47,857	109,665
2019	22.4380%	389,474	29,197	88,077
2018	22.8734%	407,750	32,348	93,975

To properly address Powell's Valley District's excessive unaccounted-for water loss, the Commission ordered Powell's Valley District to assess a monthly Water Loss

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<sup>1</sup> Case No. 2023-00387, *Electronic Application of Powell's Valley Water District for a Rate Adjustment Pursuant to 807 KAR 5:076* (Ky. PSC Dec 9, 2024).

<sup>2</sup> *Annual Reports of Powell's Valley District to the Public Service Commission for the Years Ending (Annual Report) December 31, 2018, 2019 Annual Report, 2020 Annual Report, 2021 Annual Report, and 2022 Annual Report.*

Reduction Surcharge of \$2.28 per active meter for 48 months, or until \$267,581 has been assessed, whichever occurs first, and that a review of the necessity to continue the surcharge beyond the 48-month period be conducted before its expiration. Consistent with the findings in Case No. 2023-00387, the Commission finds that:

1. Within 120 days of the date of service of this Order, Powell's Valley District should file into the record of this proceeding a Qualified Infrastructure Improvement Plan (QIIP), including a comprehensive unaccounted-for water loss reduction plan that establishes priorities and a time schedule for eliminating each source of unaccounted-for water loss and provides a detailed spending plan for the proceeds of a surcharge.

2. Powell's Valley District should deposit surcharge collections in a separate interest-bearing account.

3. On the 15th day of each month for 48 months from the date of service of this Order or until all surcharge proceeds are expended, Powell's Valley District should file, into the record of this proceeding, a monthly activity report that includes a statement of monthly surcharge billings and collections using the format in the Surcharge Reporting form,<sup>3</sup> a monthly surcharge bank statement,<sup>3</sup> and a list of all payments made for the month from the surcharge account that includes the following for each payment: the payee, a description of the purpose, and the supporting invoice.

4. On the 15th day of each month for 48 months from the date of service of this Order or until all surcharge proceeds are expended, Powell's Valley District should

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<sup>3</sup> The Surcharge Reporting form can be found at <https://psc.ky.gov/Home/UtilForms> under the Water tab.

file, into the record of this proceeding, a monthly water loss report using the format in the Water Use & Loss Calculations form located on the Commission's website.<sup>4</sup>

5. Powell's Valley District should not use any surcharge proceeds for reimbursement of unaccounted-for water loss reduction expenses without prior Commission authorization.

6. Powell's Valley District should file requests to use surcharge proceeds into the record of this proceeding. The request should include a complete description of the equipment, project, or service for which approval is sought; bids, invoices, or price quotes as applicable; and a statement describing how the proposed purchase, project, or service is related to the qualified infrastructure improvement plan and the goal of reducing unaccounted-for water loss.

7. Powell's Valley District should consider all surcharge collections as contributions and should account for them in the manner that the Uniform System of Accounts for Class A and B Water Districts and Associations prescribes.

8. Powell's Valley District should debit monthly billings for the surcharge to customers' accounts receivable and credit the contribution account.

9. When Powell's Valley District collects the surcharge from the customers, it should debit special funds and credit the customer account.

10. For the purpose of evaluating whether adjustments in the surcharge are required, Powell's Valley District should file, into the record of this proceeding, an annual report of surcharge activity and water loss improvement progress no later than April 30 of

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<sup>4</sup> The Water Use & Loss Calculations form can be found at <https://psc.ky.gov/Home/UtilForms> under the Water tab.

each year. The report should be based on the preceding year ended December 31 with reported surcharge billings and expenditures reflecting the amounts reported for surcharge activity in the financial and statistical Annual Report filed with the Commission and Powell's Valley District's audited financial statements. Cumulative surcharge billings and expenditures over the life of the surcharge should also be included, a schedule of the estimated and actual progress of the water loss detection and repair program. This report should include encumbered amounts of future surcharge proceeds.

11. Powell's Valley District should respond to any requests for information propounded by Commission Staff according to the date set forth in the request.

12. Powell's Valley District's failure to comply with any conditions attached to its assessment of the surcharge will result in termination of the surcharge and the refund of collected surcharge proceeds disbursed on expenses or projects outside the scope of the expenses and projects approved by the Commission.

IT IS THEREFORE ORDERED that:

1. This case is opened to monitor Powell's Valley District's Water Loss Reduction Surcharge proceeds and collections.

2. The record of Case No. 2023-00387 is incorporated by reference in this proceeding.

3. Within 120 days of the date of service of this Order, Powell's Valley District shall file with the Commission a qualified infrastructure improvement plan, including a comprehensive unaccounted-for water loss reduction plan that establishes priorities and a time schedule for eliminating each source of unaccounted-for water loss and provides a detailed spending plan for the proceeds of a surcharge.

4. Powell's Valley District shall deposit surcharge collections in a separate interest-bearing account.

5. On the 15th day of each month for 48 months from the date of service of this Order or until all surcharge proceeds are expended, Powell's Valley District shall file, into this proceeding, a monthly activity report that includes a statement of monthly surcharge billings and collections using the Surcharge Reporting form,<sup>5</sup> a monthly surcharge bank statement; and a list of all payments made for the month from the surcharge account that includes the following for each payment: the payee, a description of the purpose, and the supporting invoice.

6. On the 15th day of each month for 48 months from the date of service of this Order or until all surcharge proceeds are expended, Powell's Valley District shall file, into this proceeding, a monthly water loss report using the format in the Water Use & Loss Calculations form.<sup>6</sup>

7. Powell's Valley District shall not use any surcharge proceeds for reimbursement of unaccounted-for water loss reduction expenses without prior Commission authorization.

8. Powell's Valley District shall file all requests to use surcharge proceeds in the record of this proceeding. A request shall include a complete description of the equipment, project, or service for which approval is sought; bids, invoices, or price quotes as applicable; and a statement describing how the proposed purchase, project, or service

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<sup>5</sup> The Surcharge Reporting form can be found at <https://psc.ky.gov/Home/UtilForms> under the Water tab.

<sup>6</sup> The Water Use & Loss Calculations form can be found at <https://psc.ky.gov/Home/UtilForms> under the Water tab.

is related to the qualified infrastructure improvement plan and the goal of reducing unaccounted-for water loss.

9. Powell's Valley District shall consider all surcharge collections as contributions and shall account for them in the manner that the Uniform System of Accounts for Class A and B Water Districts and Associations prescribes.

10. Powell's Valley District shall debit monthly billings for the surcharge to customers' accounts receivable and credit the contribution account.

11. When Powell's Valley District collects the surcharge from the customers, it shall debit special funds and credit the customer account.

12. No later than April 30 of each year, Powell's Valley District shall file, in the record of this proceeding, a report of surcharge activity and water loss improvement progress based on the preceding year ended December 31 with reported annual surcharge billings and expenditures reflecting the amounts reported for surcharge activity in the financial and statistical Annual Report filed with the Commission and Powell's Valley District audited financial statements. Cumulative surcharge billings and expenditures shall also be reported. A schedule of the estimated and actual progress of the water loss detection and repair program, actual expenditures made with surcharge proceeds, and encumbered amounts of future surcharge proceeds for the purpose of evaluating whether adjustments to the program or to the surcharge amount shall be provided.

13. Powell's Valley District shall respond to any requests for information propounded by Commission Staff as provided in those requests.

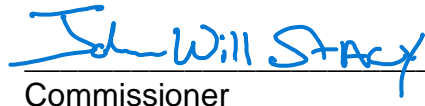
14. Powell's Valley District's failure to comply with any conditions attached to its assessment of the surcharge shall result in termination of the surcharge and the refund

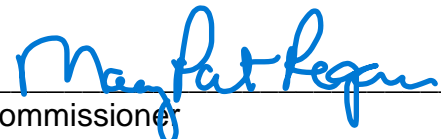
of collected surcharge proceeds disbursed on expenses or projects outside the scope of expenses and projects approved by the Commission.

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PUBLIC SERVICE COMMISSION

  
Chairman

  
Commissioner

  
Commissioner

ATTEST:

  
Executive Director

ENTERED  
DEC 09 2024 AH  
KENTUCKY PUBLIC  
SERVICE COMMISSION



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