

Kentucky Power Company
KPSC Case No. 2023-00159
Staff's First Set of Data Responses
Dated May 31, 2023
Page 1 of 2

DATA REQUEST

KPSC 1_39 Provide a running total the following information concerning the cost of preparing this case:

a. A detailed schedule of expenses incurred to date for the following categories. For each category, the schedule should include the date of each transaction, check number or other document reference, the vendor, the hours worked, the rates per hour, amount, a description of the services performed, and the account number in which the expenditure was recorded. Provide copies of any invoices, contracts, or other documentation that support charges incurred in the preparation of this rate case. Indicate any costs incurred for this case that occurred during the test year.

- (1) Accounting;
- (2) Engineering;
- (3) Legal; and
- (4) Consultants; and Other Expenses (Identify separately).

b. An itemized estimate of the total cost to be incurred for this case. Expenses should be broken down into the same categories as identified in (a) above, with an estimate of the hours to be worked and the rates per hour. Include a detailed explanation of how the estimate was determined, along with all supporting workpapers and calculations.

c. Provide monthly updates of the actual costs incurred in conjunction with this rate case, reported in the manner requested in (a) above. Updates will be due when Kentucky Power files its monthly financial statements with the Commission, through the month of the public hearing.

RESPONSE

a-b. Please refer to KPCO_R_KPSC_1_39_Attachment1 for the summary of expenses and estimate. The estimates were prepared by outside counsel for Kentucky Power and Company Witness Kahn. Please refer to KPCO_R_KPSC_1_39_Attachment2 for the non-privileged invoices or receipts incurred through June 30, 2023. It is the Company's policy not to retain receipts for transactions of \$25.00 or less. Likewise, receipts are not available for personal auto mileage.

c. The Company will provide monthly updates of the actual costs incurred, in the manner

Kentucky Power Company
KPSC Case No. 2023-00159
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requested in (a) above. Because this response includes expenses through June, the first supplemental response will be provided on or before August 31, 2022.

August 25, 2023 Supplemental Response

Please see KPCO_SR_KPSC_1_39_2023-08-25_SupplementalAttachment1 and KPCO_SR_KPSC_1_39_2023-08-25_SupplementalAttachment2 for revised expenses through July 2023.

September 27, 2023 Supplemental Response

Please see KPCO_SR_KPSC_1_39_2023-09-27_SupplementalAttachment1 and KPCO_SR_KPSC_1_39_2023-09-27_SupplementalAttachment2 for revised expenses through August 2023.

October 25, 2023 Supplemental Response

Please see KPCO_SR_KPSC_1_39_2023-10-25_SupplementalAttachment1 and KPCO_SR_KPSC_1_39_2023-10-25_SupplementalAttachment2 for revised expenses through September 2023.

November 27, 2023 Supplemental Response

Please see KPCO_SR_KPSC_1_39_2023-11-27_SupplementalAttachment1 and KPCO_SR_KPSC_1_39_2023-11-27_SupplementalAttachment2 for revised expenses through October 2023.

Witness: Lerah M. Kahn

STITES & HARBISON PLLC
ATTORNEYS

Stites & Harbison, PLLC
250 West Main Street
2300 Lexington Financial Center
Lexington, KY 40507

October 10, 2023

Kentucky Power Company
1645 Winchester Avenue
Ashland, KY 41101

KMG

Invoice Number: 1679277

Matter Number: KE057-230008

Tax ID: XXXXXXXXXX

Payment Terms: Net 23

Client: Kentucky Power
Matter: 2023 Base Rate Case
AEP LawPack Matter No. AEP064371

For professional services rendered through September 30, 2023

Fees

Currency: USD

\$13,456.00

Total Amount Due

\$13,456.00

STITES HARBISON PLLC
 ATTORNEYS

Client:	Kentucky Power	Invoice Date:	October 10, 2023
Matter:	2023 Base Rate Case AEP LawPack Matter No. AEP064371	Invoice Number:	1679277
		Matter Number:	KE057-230008

Time Detail

<u>Date</u>	<u>Tkpr ID</u>	<u>Description</u>	<u>Hours</u>	<u>Amount</u>
09/10/23	KMG	P400 A106 Prepare and transmit confidential attachment to PSC Executive Director and counsel for intervenors	0.20	\$58.00
09/10/23	KMG	L120 A106 Correspond with Larry Cook re supplemental responses	0.10	\$29.00
09/11/23	KMG	P400 A104 Review and comment on draft supplemental response to Commission Staff data request and prepare read 1st file for same	0.20	\$58.00
09/11/23	KMG	P400 A104 Initial review of supplemental data requests to Kentucky Power	0.30	\$87.00
09/12/23	KMG	L210 A104 Continue reviewing supplemental data requests	0.70	\$203.00
09/12/23	KMG	P400 A106 Participate in conference call to discuss [REDACTED]	3.40	\$986.00
09/12/23	KMG	L120 A106 Participate in conference call to discuss [REDACTED]	0.40	\$116.00
09/12/23	KMG	L120 A106 Correspond with Christen Blend and Tanner Wolfram re hearing preparation	0.20	\$58.00
09/12/23	KMG	L120 A106 Telephone conferences with Christen Blend re [REDACTED]	0.20	\$58.00
09/12/23	KMG	P400 A104 Review and comment on draft supplemental response to AG-KIUC 1-26	0.20	\$58.00

Client:	Kentucky Power	Invoice Date:	October 10, 2023
Matter:	2023 Base Rate Case	Invoice Number:	1679277
	AEP LawPack Matter No.	Matter Number:	KE057-230008
	AEP064371		

<u>Date</u>	<u>Tkpr ID</u>	<u>Description</u>	<u>Hours</u>	<u>Amount</u>
09/12/23	KMG	L120 A107 Telephone conference with Larry Cook re supplementation of data request response	0.10	\$29.00
09/12/23	KMG	L120 A104 Evaluate strategy re supplementation of AG-KIUC data request	0.60	\$174.00
09/12/23	KMG	P400 A103 Draft motion for confidential treatment of private letter ruling attachments	1.20	\$348.00
09/13/23	KMG	L120 A104 Evaluate strategy re request from counsel for Joint Intervenors with respect to objection	0.30	\$87.00
09/13/23	KMG	P400 A103 Review and revise motion for confidential treatment	0.20	\$58.00
09/13/23	KMG	P400 A104 Evaluate strategy re transmitting confidential documents via encrypted file to PSC Executive Director	0.20	\$58.00
09/13/23	KMG	P400 A104 Evaluate strategy re data requests concerning customers per line mile data	0.20	\$58.00
09/13/23	KMG	L120 A107 Correspond with counsel for Joint Intervenors re objection	0.10	\$29.00
09/13/23	KMG	L120 A104 Evaluate strategy re potential supplementation of AG-KIUC data request	0.30	\$87.00
09/13/23	KMG	P400 A106 Participate in conference call to discuss [REDACTED]	0.50	\$145.00
09/14/23	KMG	L120 A106 Participate in conference call to discuss [REDACTED]	1.00	\$290.00

Client:	Kentucky Power	Invoice Date:	October 10, 2023
Matter:	2023 Base Rate Case AEP LawPack Matter No. AEP064371	Invoice Number:	1679277
		Matter Number:	KE057-230008

<u>Date</u>	<u>Tkpr ID</u>	<u>Description</u>	<u>Hours</u>	<u>Amount</u>
09/14/23	KMG	L120 A107 Correspond with Commission Staff re Staff data request issue and evaluate strategy re same	0.20	\$58.00
09/14/23	KMG	L120 A104 Review AG-KIUC's errata data requests and evaluate strategy re same	0.20	\$58.00
09/14/23	KMG	P400 A106 Participate in conference call to discuss [REDACTED]	0.70	\$203.00
09/15/23	KMG	P400 A106 Correspond with Tony Sutor re [REDACTED]	0.10	\$29.00
09/15/23	KMG	P400 A106 Correspond with Michael Childs re [REDACTED]	0.10	\$29.00
09/19/23	KMG	L120 A104 Evaluate strategy re supplementation of AG-KIUC 1-26	1.00	\$290.00
09/19/23	KMG	L120 A104 Evaluate strategy re upcoming intervenor testimonies	0.10	\$29.00
09/19/23	KMG	L120 A104 Evaluate strategy re confidential documents	0.30	\$87.00
09/20/23	KMG	L120 A104 Evaluate strategy re confidential password secured documents	0.20	\$58.00
09/20/23	KMG	L120 A108 Telephone conference with Brandon Bruner re confidential password secured documents	0.10	\$29.00
09/20/23	KMG	L120 A107 Correspond with counsel for AG-KIUC re confidential documents	0.10	\$29.00

Client:	Kentucky Power	Invoice Date:	October 10, 2023
Matter:	2023 Base Rate Case	Invoice Number:	1679277
	AEP LawPack Matter No.	Matter Number:	KE057-230008
	AEP064371		

<u>Date</u>	<u>Tkpr ID</u>	<u>Description</u>	<u>Hours</u>	<u>Amount</u>
09/20/23	KMG	L120 A104 Evaluate strategy re inquiry from counsel for Joint Intervenors re data request response	0.40	\$116.00
09/20/23	KMG	P400 A104 Telephone conference with Christen Blend re [REDACTED]	0.20	\$58.00
09/20/23	KMG	P400 A104 Review and comment on draft responses to Commission Staff data requests	3.50	\$1,015.00
09/20/23	KMG	P400 A104 Review and comment on draft distribution-related responses to AG-KIUC data requests	0.50	\$145.00
09/20/23	KMG	P400 A104 Review and comment on draft distribution-related responses to Joint Intervenors data requests	0.20	\$58.00
09/21/23	KMG	L120 A104 Evaluate strategy re request for supplement from Joint Intervenors	0.20	\$58.00
09/21/23	KMG	L120 A106 Correspond with Michelle Caldwell re [REDACTED]	0.20	\$58.00
09/21/23	KMG	P400 A104 Continue to review and comment on draft responses to AG-KIUC data requests	0.70	\$203.00
09/21/23	KMG	P400 A104 Review and comment on draft responses to Joint Intervenors' data requests	0.50	\$145.00
09/21/23	KMG	P400 A106 Participate in conference call to discuss [REDACTED]	1.60	\$464.00

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<u>Date</u>	<u>Tkpr ID</u>	<u>Description</u>	<u>Hours</u>	<u>Amount</u>
09/21/23	KMG	L120 A104 Evaluate strategy re low-income bill credit from solar garden program	0.30	\$87.00
09/21/23	KMG	P400 A106 Participate in conference call with Lerah Kahn to discuss [REDACTED]	0.50	\$145.00
09/21/23	KMG	P400 A106 Participate in additional conference call to discuss [REDACTED]	1.70	\$493.00
09/21/23	KMG	P400 A104 Review and comment on draft responses to AG-KIUC 2-14 and 2-15	0.40	\$116.00
09/21/23	KMG	P400 A104 Review and comment on draft tariff language for low income solar garden credit	0.40	\$116.00
09/22/23	KMG	P400 A104 Continue to review and comment on draft responses to Joint Intervenors' data requests	0.50	\$145.00
09/22/23	KMG	P400 A106 Participate in conference call to discuss [REDACTED]	1.10	\$319.00
09/22/23	KMG	L120 A106 Participate in conference call with Scott Bishop to discuss [REDACTED]	0.20	\$58.00
09/22/23	KMG	P400 A104 Additional review and comment on distribution-related data request responses	0.40	\$116.00
09/22/23	KMG	L120 A104 Evaluate strategy re confidential attachments and request for confidential treatment	0.20	\$58.00

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<u>Date</u>	<u>Tkpr ID</u>	<u>Description</u>	<u>Hours</u>	<u>Amount</u>
09/23/23	KMG	P400 A104 Final review and comment on draft responses and attachments to AG-KIUC data requests	1.30	\$377.00
09/23/23	KMG	P400 A104 Final review and comment on draft responses and attachments to SWVA data requests	0.40	\$116.00
09/23/23	KMG	P400 A104 Final review and comment on draft responses and attachments to Joint Intervenors data requests	1.50	\$435.00
09/25/23	KMG	P400 A103 Draft motion for confidential treatment	2.70	\$783.00
09/25/23	KMG	P400 A106 Participate in conference call to discuss [REDACTED]	0.30	\$87.00
09/25/23	KMG	P400 A104 Final review and comment on distribution-related responses to Commission Staff set 3	0.50	\$145.00
09/25/23	KMG	P400 A104 Review and comment on proposed solar garden credit program tariff language	0.30	\$87.00
09/25/23	KMG	P400 A103 Draft read first files for all sets of data request responses	1.00	\$290.00
09/25/23	KMG	P400 A106 Telephone conference with Tanner Wolfram re [REDACTED]	0.10	\$29.00
09/25/23	KMG	P400 A108 Prepare and transmit confidential attachments to PSC Executive Director and counsel for intervenors	0.20	\$58.00

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<u>Date</u>	<u>Tkpr ID</u>	<u>Description</u>	<u>Hours</u>	<u>Amount</u>
09/26/23	KMG	L120 A104 Evaluate strategy re Joint Intervenors' inquiry re DSM RFP	0.30	\$87.00
09/26/23	KMG	L120 A104 Evaluate strategy re payroll expense	0.20	\$58.00
09/26/23	KMG	L120 A104 Evaluate strategy re request from AG-KIUC to supplement data request responses	0.30	\$87.00
09/26/23	KMG	L120 A104 Evaluate strategy re potential update to West testimony	0.20	\$58.00
09/26/23	KMG	P400 A103 Draft read first for supplemental response to KPSC 1-39	0.10	\$29.00
09/27/23	KMG	P400 A106 Participate in conference call to discuss [REDACTED]	0.60	\$174.00
09/27/23	KMG	P400 A104 Review and comment on draft response to Commission Staff 4-4	0.20	\$58.00
09/27/23	KMG	L120 A104 Participate in conference call to discuss [REDACTED]	1.00	\$290.00
09/27/23	KMG	P400 A104 Review and comment on draft supplemental response to AG-KIUC data requests	0.50	\$145.00
09/27/23	KMG	P400 A104 Review and comment on draft supplemental response to KPSC 1-48	0.20	\$58.00
09/27/23	KMG	P400 A103 Draft read first file for supplemental response to KPSC 1-48	0.10	\$29.00
09/27/23	KMG	P400 A103 Draft read first file for supplemental response to AG-KIUC data requests	0.10	\$29.00

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<u>Date</u>	<u>Tkpr ID</u>	<u>Description</u>	<u>Hours</u>	<u>Amount</u>
09/27/23	KMG	P400 A106 Participate in conference call to discuss [REDACTED]	0.60	\$174.00
09/27/23	KMG	L210 A104 Review AG-KIUC's motion to compel and evaluate strategy re same	0.40	\$116.00
09/27/23	KMG	L120 A106 Participate in conference call to discuss [REDACTED]	0.30	\$87.00
09/28/23	KMG	P400 A104 Review and comment on draft transmission study update	0.20	\$58.00
09/28/23	KMG	P400 A103 Draft read first file for transmission study update	0.10	\$29.00
09/28/23	KMG	P400 A104 Review and comment on draft supplemental response to KPSC 1-48	0.10	\$29.00
09/28/23	KMG	L120 A107 Correspond with counsel for Joint Intervenor re DSM RFP question	0.10	\$29.00
09/28/23	KMG	L120 A106 Evaluate strategy re payroll expense	0.30	\$87.00
09/28/23	KMG	P400 A104 Evaluate strategy re confidential production of PLR requests	0.50	\$145.00
09/28/23	KMG	L210 A104 Review AG-KIUC's withdrawal of motion to compel and evaluate strategy re same	0.20	\$58.00
09/28/23	KMG	P400 A107 Transmit confidential documents to counsel for intervenors who signed a non-disclosure agreement	0.30	\$87.00
09/28/23	KMG	L120 A107 Telephone conference with Larry Cook re confidential documents	0.10	\$29.00

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	AEP064371		

<u>Date</u>	<u>Tkpr ID</u>	<u>Description</u>	<u>Hours</u>	<u>Amount</u>
09/28/23	KMG	P400 A103 Draft supplemental response to AG-KIUC 1-26 and read first file for same	0.20	\$58.00
09/28/23	KMG	L120 A104 Evaluate strategy re request from Joint Intervenors re JI 2-22	0.30	\$87.00
09/29/23	KMG	P400 A106 Correspond with Michelle Caldwell re verification	0.10	\$29.00
09/29/23	KMG	L120 A104 Evaluate strategy re Joint Intervenors' question about JI 2-22	0.20	\$58.00
09/29/23	KMG	L120 A104 Evaluate strategy re potential supplement to AG-KIUC 1-31	0.20	\$58.00
09/29/23	KMG	P400 A103 Draft read first file for supplemental response to AG-KIUC 1-31	0.10	\$29.00
09/30/23	KMG	L120 A104 Review assigned witnesses' testimony and make notes re same in anticipation of intervenor testimony being filed	2.60	\$754.00
Total			46.40	\$13,456.00

Timekeeper Summary

<u>Timekeeper</u>	<u>Timekeeper ID</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Katie Glass	KMG	46.40	\$290.00	\$13,456.00
Total		46.40		\$13,456.00

Amount Due **\$13,456.00**

Client:	Kentucky Power	Invoice Date:	October 10, 2023
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	AEP LawPack Matter No.	Matter Number:	KE057-230008
	AEP064371		

To ensure proper credit, please return a copy of this statement for payments made via check.
For electronic payments please reference your invoice and matter number in the special instructions field and send remittance detail to wach@stites.com.

Wire/ACH Information:

Stites & Harbison, PLLC
PNC Bank, N.A.
101 South Fifth Street
Louisville, KY 40202
Bank ABA #: [REDACTED]
Account #: [REDACTED]
Swift Code: [REDACTED]

For billing inquiries, please call (502) 779-5809

Please disregard this statement if payment has already been made.

Thank you for trusting Stites & Harbison, PLLC to handle your important legal matters.

FEES

DATE	NAME	HRS	TASK	ACT	DESCRIPTION	AMOUNT
09/06/23	K.J. Gish	1.20	L310	A106	Participate in conferences to review responses to AG/KIUC requests	600.00
09/07/23	K.J. Gish	0.60	L310	A106	Participate in conference to review supplemental discovery responses	300.00
09/08/23	K.J. Gish	0.40	L310	A104	Review updated supplemental discovery responses	200.00
09/08/23	K.J. Gish	0.50	L310	A106	Participate in conference to review updated supplemental discovery responses	250.00
09/11/23	K.J. Gish	0.60	L310	A104	Initial review of supplemental discovery from intervenors and staff	300.00
09/12/23	K.J. Gish	0.60	L310	A104	Review second set of discovery requests	300.00
09/12/23	K.J. Gish	0.40	L310	A106	Participate in conference to review discovery response assignments	200.00
09/14/23	K.J. Gish	0.80	L310	A104	Review and comment on draft discovery responses	400.00
09/18/23	K.J. Gish	0.80	L310	A104	Review updated draft discovery responses	400.00
09/21/23	K.J. Gish	0.80	L310	A104	Review and comment on draft discovery responses	400.00
09/21/23	K.J. Gish	3.00	L310	A106	Participate in conferences to review draft data request responses	1,500.00
09/22/23	K.J. Gish	1.20	L310	A106	Participate in conference to review outstanding discovery responses	600.00
09/24/23	K.J. Gish	1.40	L310	A104	Review and comment on draft discovery responses	700.00
09/27/23	K.J. Gish	0.40	L310	A104	Review motion to compel filed by AG/KIUC	200.00
09/27/23	K.J. Gish	0.90	L310	A106	Participate in conference to review supplemental data request responses	450.00
09/27/23	K.J. Gish	0.40	L310	A104	Review and comment on supplemental responses to data requests	200.00
09/28/23	K.J. Gish	0.90	L310	A104	Review and comment on supplemental data	450.00

DATE	NAME	HRS	TASK	ACT	DESCRIPTION	AMOUNT
					request responses	
		TOTAL FEES			14.90 hrs	\$ <u>7,450.00</u>

TIMEKEEPER SUMMARY

K.J. Gish		14.90	hrs at	\$ 500.00	/ hr	<u>7,450.00</u>
		TOTAL FEES		14.90	hrs	\$ <u>7,450.00</u>

TASK CODE SUMMARY

L310	Written Discovery	14.90	hrs	<u>7,450.00</u>
	TOTAL FEES	14.90	hrs	\$ <u>7,450.00</u>

FINANCIAL CONCEPTS AND APPLICATIONS, INC.
3907 RED RIVER
AUSTIN, TEXAS 78751

(512) 458-4644 (O)
(512) 217-2701 (C)

BHFairchild@gmail.com

April 30, 2023

Kentucky Power Company
c/o Mr. Brian West
1645 Winchester Avenue
Ashland, Kentucky 41101

DUE ON RECEIPT

bkwest@aep.com

Reference No.: 01988 -15

Taxpayer ID No.: [REDACTED]

Consulting Services:

Research, Analysis, and Testimony
Preparation in Connection with Rate of Return
on Equity for Kentucky Power before the
Kentucky Public Service Commission.

For the Period:
through April 30, 2023

Professional Time:

Adrien M. McKenzie			
6.5 hours @	\$ 450	\$	2,925
Brent L. Heidebrecht			
12.0 hours @	\$ 300		3,600
John S. Thompson			
11.5 hours @	\$ 250		2,875

Total

\$ 9,400



FINANCIAL CONCEPTS AND APPLICATIONS, INC.

3907 RED RIVER
AUSTIN, TEXAS 78751

(512) 458-4644 (O)
(512) 217-2701 (C)

BHFairchild@gmail.com

September 30, 2023

Kentucky Power Company
c/o Mr. Brian West
1645 Winchester Avenue
Ashland, Kentucky 41101

DUE ON RECEIPT

bkwest@aep.com

Reference No.: 01988 -18

Taxpayer ID No.: [REDACTED]

Consulting Services:

Research, Analysis, and Testimony
Preparation in Connection with Rate of Return
on Equity for Kentucky Power before the
Kentucky Public Service Commission.

For the Period:
September 1 through September 30, 2023

Professional Time:

Adrien M. McKenzie
6.0 hours @ \$ 450 \$ 2,700

Total

\$ 2,700





Guidehouse Inc
 150 North Riverside Plaza
 Suite 2100
 Chicago IL 60606-1528
 United States

INVOICE

Invoice No: 0100083624
Invoice Date: 10/13/23
Page: 1 of 12

Bill To:
 American Electric Power - AEP
 Accounts Payable
 1 Riverside Plaza
 Columbus OH 43215
 United States

Purchase Order Number:
Customer Number: 14355
Payment Terms: Net 30
Due Date: 11/12/23

Project #(s)
 224984 AEP Kentucky Regulatory Support

Contract #(s)
 224984

Name/Category	Level	Hours	Rate	Extended Amount
PROFESSIONAL FEES				
Eugene Shlatz	Associate Staff	22.00	525.00	\$11,550.00
Graeme Jones	Associate Staff	87.00	333.00	\$28,971.00
Hector Artze	Partner	21.75	647.00	\$14,072.25
Eduardo Batalla	Director	2.50	525.00	\$1,312.50
Emily Cross	Associate Director	22.50	459.00	\$10,327.50
Lawrence Gelbien	Principal	32.75	525.00	\$17,193.75
Jeffrey Lewis	Partner	12.00	647.00	\$7,764.00
Cameron Moy	Managing Consultant	3.00	385.00	\$1,155.00
Bilhuda Rasheed	Associate Director	12.00	459.00	\$5,508.00
Silvia Valerio	Associate Director	47.50	459.00	\$21,802.50
Caleb White	Consultant II	16.00	258.00	\$4,128.00
Luyi Xu	Senior Consultant	88.50	333.00	\$29,470.50
TOTAL PROFESSIONAL FEES:				\$153,255.00

EXPENSES

Airfare \$2,013.40
 Ground Transportation \$365.23
 Lodging: Hotel \$895.00
 Meals \$35.72

TOTAL EXPENSES: \$3,309.35



Guidehouse Inc
150 North Riverside Plaza
Suite 2100
Chicago IL 60606-1528
United States

INVOICE

Invoice No: 0100083624
Invoice Date: 10/13/23
Page: 2 of 12

AMOUNT DUE: USD **\$156,564.35**



Guidehouse Inc
 150 North Riverside Plaza
 Suite 2100
 Chicago IL 60606-1528
 United States

INVOICE

Invoice No: 0100083624
Invoice Date: 10/13/23
Page: 3 of 12

PROFESSIONAL FEES

<u>Name</u>	<u>Date</u>	<u>Hours</u>	<u>Amount</u>	
Artze, Hector	9/19/2023	4.00	2,588.00	Engagement mobilization, interviews preparation, data request review - 3 hrs; Team meeting 1 hr.
Artze, Hector	9/20/2023	7.00	4,529.00	Meeting with Greg Bell and his team to review data request, interview objectives, 1hr. Interview for Grid Modernization and Hardening 2 hrs.;
Artze, Hector	9/21/2023	8.00	5,176.00	Prepare for interviews with KPCO personnel (review and prepare questions 1.5 hrs Conduct interviews with Greg Bell (Reliability plans); interview George Sharp (engineering standards and plans); interview with Bill D. Roll (vegetation management); interview with Greg Bell, Everett Phillips and team (Follow up Interview - Responses to Commission Recommendations) 5 hrs; Guidehouse team debrief Day 2, 1Hr; prepare interview notes and review action items 0.5 hr.
Artze, Hector	9/22/2023	1.50	970.50	Prepare for interview about capacity planning, review questions 15 min. Participated in the interview with John-Mark Neil about capacity planning 75 min.
Artze, Hector	9/26/2023	1.25	808.75	Reviewed interview questions and prepare for interview 0.25 hr.; Conducted interview - Engineering Standards (Pam Ellis and Ross McCorcle) 1 hr.
	Subtotal	21.75	14,072.25	USD
Batalla, Eduardo	9/20/2023	0.50	262.50	Project - AEP - Kentucky Power Regulatory Support - (224984) Interview Kick Off (Everett's Team - 09.20) -- kickoff meeting with KPCO team in supporting the data request list.
Batalla, Eduardo	9/21/2023	1.00	525.00	Project - AEP - Kentucky Power Regulatory Support - (224984) KPCo (On site) Interview and Demo w/ Greg Bell (reliability plans)
Batalla, Eduardo	9/21/2023	1.00	525.00	Project - AEP - Kentucky Power Regulatory Support - (224984) KPCo (Remote) Interview w/ George Sharp (Engineering Standards and Reliability Plans)



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PROFESSIONAL FEES

<u>Name</u>	<u>Date</u>	<u>Hours</u>	<u>Amount</u>	
	Subtotal	2.50	1,312.50	USD
Cross, Emily	9/11/2023	0.50	229.50	AEP KCPO regulatory support - attended first half of the internal team kickoff
Cross, Emily	9/13/2023	2.25	1,032.75	AEP KCPO regulatory support - revied data request and attended internal data request meeting; attended client kickoff meeting
Cross, Emily	9/15/2023	0.25	114.75	AEP KCPO regulatory support planning
Cross, Emily	9/18/2023	2.75	1,262.25	AEP KCPO includes discovery interview prep with Lucy, Larry, Graeme; internal team meeting to discuss benchmarking, economic growth, AEP parent company engineering standards and spending approval process that the Kentucky operating company is subject to; initial data review
Cross, Emily	9/19/2023	1.75	803.25	AEP KCPO includes document review and internal prep meeting for interviews
Cross, Emily	9/20/2023	4.50	2,065.50	AEP KCPO discovery interviews and internal debrief; includes discussion with Dawn Cassie about confidential document downloaded from the internet
Cross, Emily	9/21/2023	4.00	1,836.00	AEP KCPO includes discovery interviews, documents review and edit; includes vegetation management, Commission recommendations; internal team debrief
Cross, Emily	9/22/2023	2.75	1,262.25	AEP KCPO includes discovery interviews, documents review and edit; capacity planning with Jon-Mark and financial projects database with Lerah and Ashley; internal documents management
Cross, Emily	9/25/2023	2.00	918.00	AEP KCPO includes tiger team checking, meeting with First Quartile, internal GH data meeting
Cross, Emily	9/27/2023	1.00	459.00	AEP KCPO internal meeting on approach to data analysis
Cross, Emily	9/28/2023	0.50	229.50	AEP KCPO data review and report discussions
Cross, Emily	9/29/2023	0.25	114.75	AEP KCPO discussed report content
	Subtotal	22.50	10,327.50	USD
Gelbien, Lawrence	9/13/2023	4.00	2,100.00	Review and edit first data request; Internal meeting to review data request; Meeting with FirstQuartile to



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<u>Name</u>	<u>Date</u>	<u>Hours</u>	<u>Amount</u>	
				develop peer review process; Kick-off meeting with KPCO
Gelbien, Lawrence	9/17/2023	2.00	1,050.00	Develop interview questions for on-site working sessions
Gelbien, Lawrence	9/18/2023	4.00	2,100.00	Review and analysis data received from KPCO.
Gelbien, Lawrence	9/19/2023	2.50	1,312.50	Internal meeting prep. for client interviews tomorrow 09.20; Development of Interview question for three interviews on 9/20.
Gelbien, Lawrence	9/20/2023	6.00	3,150.00	Five interview held with executives at KPCO. Reviewed and edited interview forms and follow-up request for additional data.
Gelbien, Lawrence	9/21/2023	3.50	1,837.50	KPCo Interview w/ Greg Bell (reliability plans), KPCo Interview w/ George Sharp (30 minutes), Internal debrief meeting, reviewed and edit capacity planning and action item list.
Gelbien, Lawrence	9/22/2023	1.00	525.00	KPCo (Remote) Interview w/ John-Mark Neal (Capacity Planning)
Gelbien, Lawrence	9/25/2023	2.50	1,312.50	Weekly core "tiger" team check-in - AEP KPCo Commission Order Review & Distribution Investments Assessment; Bilhuda-Larry discussion on reliability metrics; AEP Kentucky reliability Data review; First Quartile peer review approach; Internal meeting to discuss deliverable requirements.
Gelbien, Lawrence	9/26/2023	2.00	1,050.00	Held interview KPCo - Pam Ellis Ross McCorcle (Distribution Standards); Held meeting to discuss KPCo perform on prior storms; Held meeting on development of deliverables.
Gelbien, Lawrence	9/27/2023	2.25	1,181.25	Internal team meeting to develop approach to final report deliverables; Developed and issued approach for capital and expense budget proposed and spent from KPECO 2008 to 2023.
Gelbien, Lawrence	9/28/2023	2.00	1,050.00	Reviewed document on PSC Kentucky rate filing questions and KEPCo response questions in support of report development.
Gelbien, Lawrence	9/29/2023	1.00	525.00	Participated in bi-weekly Executive team check-in - AEP KPCo Commission Order Review & Distribution Investments Assessment; Internal meeting to develop table of content for final report.



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<u>Name</u>	<u>Date</u>	<u>Hours</u>	<u>Amount</u>	
	Subtotal	32.75	17,193.75	USD
Jones, Graeme	9/30/2023	87.00	28,971.00	
	Subtotal	87.00	28,971.00	USD
Lewis, Jeffrey	9/20/2023	4.00	2,588.00	Attended on-site meeting in Kentucky to interview subject matter experts to support report deliverables.
Lewis, Jeffrey	9/21/2023	4.00	2,588.00	Attended on-site Kentucky meetings and interviews to support project deliverables.
Lewis, Jeffrey	9/26/2023	1.00	647.00	Develop performance analytics strategy
Lewis, Jeffrey	9/27/2023	1.00	647.00	Regulatory Order Review
Lewis, Jeffrey	9/28/2023	1.00	647.00	Project review with team
Lewis, Jeffrey	9/29/2023	1.00	647.00	AEP meeting materials development and meeting
	Subtotal	12.00	7,764.00	USD
Moy, Cameron	9/18/2023	2.00	770.00	Setting up Energy drive folder structure and planning data import
Moy, Cameron	9/22/2023	0.50	192.50	Check in on progress of data stacking
Moy, Cameron	9/25/2023	0.50	192.50	Data check-in with project leadership team
	Subtotal	3.00	1,155.00	USD
Rasheed, Bilhuda	9/13/2023	4.00	1,836.00	data request, kickoff
Rasheed, Bilhuda	9/15/2023	1.00	459.00	data request and team coordination on review
Rasheed, Bilhuda	9/18/2023	2.00	918.00	Interviews
Rasheed, Bilhuda	9/21/2023	2.00	918.00	interviews
Rasheed, Bilhuda	9/25/2023	1.50	688.50	reliability benchmarking analysis approach discussions
Rasheed, Bilhuda	9/28/2023	1.50	688.50	analysis approach on reliability benchmarks
	Subtotal	12.00	5,508.00	USD



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<u>Name</u>	<u>Date</u>	<u>Hours</u>	<u>Amount</u>	
Shlatz, Eugene	9/30/2023	22.00	11,550.00	
	Subtotal	22.00	11,550.00	USD
Valerio, Silvia	9/11/2023	1.00	459.00	AEP Kentucky- Workstream #1, data collection
Valerio, Silvia	9/13/2023	2.00	918.00	AEP Kentucky- Workstream #1, Kickoff and data collection
Valerio, Silvia	9/15/2023	1.00	459.00	AEP Kentucky- Workstream #1, data collection, Interview preparation
Valerio, Silvia	9/18/2023	2.00	918.00	AEP Kentucky Regulatory Support project- project mobilization and data collections
Valerio, Silvia	9/19/2023	6.00	2,754.00	AEP Kentucky Regulatory Support project- project mobilization and data collection
Valerio, Silvia	9/20/2023	10.00	4,590.00	AEP Kentucky Regulatory Support project- project mobilization and data collection
Valerio, Silvia	9/21/2023	8.00	3,672.00	AEP Kentucky Regulatory Support project- project mobilization and data collection
Valerio, Silvia	9/21/2023	2.00	918.00	AEP Kentucky Regulatory Support project- Responses to commission recommendations
Valerio, Silvia	9/22/2023	2.00	918.00	AEP Kentucky Regulatory Support project- project mobilization and data collection
Valerio, Silvia	9/25/2023	2.00	918.00	AEP-K Regulatory Support Project- Data Collection & Review, Data Analytics approach, Weekly Team collaboration towards final deliverable
Valerio, Silvia	9/26/2023	1.50	688.50	AEP-K Regulatory Support Project- SME interview: Pam Ellis Ross McCorcle (Distribution Standards), Data analysis and workstreams support approach
Valerio, Silvia	9/27/2023	3.50	1,606.50	AEP-K Regulatory Support Project- Storm performance analysis, Data Review and Analytics, Team collaboration towards final deliverable
Valerio, Silvia	9/28/2023	4.50	2,065.50	AEP-K Regulatory Support Project- Storm performance data analysis, support reliability and capacity planning/standards workstreams and final report development
Valerio, Silvia	9/29/2023	2.00	918.00	AEP-K Regulatory Support Project- Storm performance and final report development
	Subtotal	47.50	21,802.50	USD



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<u>Name</u>	<u>Date</u>	<u>Hours</u>	<u>Amount</u>	
White, Caleb	9/18/2023	0.50	129.00	In this initial phase, we focused on importing and reading Excel files into R. The emphasis was on understanding the file structure and deciding on what approach to take for reading in files that have multiple years.
White, Caleb	9/19/2023	1.50	387.00	During this phase, we faced issues of inconsistent column names and different numbers of columns across the data frames within the lists of reliability and sales data.
White, Caleb	9/21/2023	4.00	1,032.00	The most labor-intensive part came here. We delved deep into SQL-based operations in R for joining the two different sets of data: reliability and sales data.
White, Caleb	9/25/2023	1.00	258.00	Discussion on joining a Vegetation Coverage dataset to the combined utility data.
White, Caleb	9/26/2023	1.00	258.00	Research regarding overhead and underground distribution
White, Caleb	9/27/2023	2.00	516.00	Explored topography data and imported SRTM data into R. Filtered the data to cover specific peer states.
White, Caleb	9/28/2023	3.00	774.00	Calculated average topography elevation by state, wrote this topographical data, modified existing R scripts to average data from years 2018-2022.
White, Caleb	9/29/2023	3.00	774.00	Enlisted an approach to narrowing down the list of poorer utilities based on customer count and tree coverage for peer comparison. Exported the peer comparison as multiple sheets of data. Identified and resolved issues with the peer comparison data including correcting and clarifying aspects of the data.
	Subtotal	16.00	4,128.00	USD
Xu, Luyi	9/12/2023	4.00	1,332.00	Review Commission Order Summary; Data Request
Xu, Luyi	9/13/2023	5.00	1,665.00	Internal and External Team Meetings; Review Commission Order Summary; Data Request
Xu, Luyi	9/14/2023	4.00	1,332.00	Develop reliability database;
Xu, Luyi	9/15/2023	5.50	1,831.50	Develop reliability database; review data transfer pathway; develop data collection and interview plan
Xu, Luyi	9/18/2023	6.00	1,998.00	Data collection and analysis (reliability); onsite



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<u>Name</u>	<u>Date</u>	<u>Hours</u>	<u>Amount</u>	
				interview prep;
Xu, Luyi	9/18/2023	1.00	333.00	Review Commission Order and Develop Summary
Xu, Luyi	9/19/2023	1.00	333.00	Review Commission Order and Develop Summary
Xu, Luyi	9/19/2023	8.00	2,664.00	Data collection and analysis (reliability); onsite interview prep;
Xu, Luyi	9/20/2023	10.00	3,330.00	Onsite interviews and meeting notes (kick-off; grid mod; storm preparedness; performance); Debrief on key arguments; develop day 2 interview sheets; develop action item list
Xu, Luyi	9/21/2023	9.00	2,997.00	Onsite interviews and meeting notes (reliability, vegetation management, field visit, commission order responses); Debrief on key arguments; develop day 3 interview sheets; develop action item list
Xu, Luyi	9/22/2023	7.00	2,331.00	Interviews and meeting notes (Capacity planning, financial); OMS Visit; Data collection and analysis (reliability)
Xu, Luyi	9/25/2023	6.50	2,164.50	Tiger Team Meeting; Reliability Data Analysis and Visualization
Xu, Luyi	9/26/2023	5.50	1,831.50	Reliability Data Analysis and Visualization; Vegetation Data Analysis
Xu, Luyi	9/27/2023	4.50	1,498.50	Reliability Data Analysis and Visualization; Vegetation Data Analysis
Xu, Luyi	9/27/2023	1.50	499.50	Review Reliability Case 99-149 and develop summary
Xu, Luyi	9/28/2023	3.00	999.00	Review investment data and develop graphs; reliability data analyses by special districts
Xu, Luyi	9/28/2023	3.00	999.00	KPCO Peer Group Review; Develop Peer Group based on different parameters
Xu, Luyi	9/29/2023	1.50	499.50	Develop Peer Group based on different parameters; status update
Xu, Luyi	9/29/2023	1.00	333.00	Review Commission Order to develop supporting arguments
Xu, Luyi	9/29/2023	1.50	499.50	Review investment data and develop graphs;
	Subtotal	88.50	29,470.50	USD



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<u>Name</u>	<u>Date</u>	<u>Hours</u>	<u>Amount</u>
Total Professional Fees		367.50	\$153,255.00 USD

REIMBURSABLE EXPENSES

<u>Name</u>	<u>Date</u>	<u>Amount</u>	
Airfare			
Valerio, Silvia	9/16/2023	976.70	Flight purchase for client meeting in Kentucky
Valerio, Silvia	9/17/2023	30.00	Luggage fee
Valerio, Silvia	9/21/2023	30.00	luggage fee
Xu, Luyi	9/18/2023	976.70	Flights
	Subtotal	2,013.40	USD

Ground Transportation

Lewis, Jeffrey	9/20/2023	11.06	Rideshare UBER
Lewis, Jeffrey	9/21/2023	24.99	Rideshare UBER
Lewis, Jeffrey	9/22/2023	38.16	Taxi
Lewis, Jeffrey	9/22/2023	30.00	Concur Fee GBYFYFA
Lewis, Jeffrey	9/23/2023	81.90	Rideshare UBER
Valerio, Silvia	9/18/2023	93.13	Lyft ride from home to airport
Valerio, Silvia	9/21/2023	79.99	Lyft ride from airport to home
Xu, Luyi	9/18/2023	6.00	Booking
	Subtotal	365.23	USD

Lodging: Hotel

Valerio, Silvia	9/16/2023	444.60	hotel cost for client meeting in Kentucky
Xu, Luyi	9/22/2023	450.40	Hotel
	Subtotal	895.00	USD

Meals

Lewis, Jeffrey	9/20/2023	5.49	For Self
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REIMBURSABLE EXPENSES

<u>Name</u>	<u>Date</u>	<u>Amount</u>	
Lewis,Jeffrey	9/20/2023	4.69	For Self
Lewis,Jeffrey	9/22/2023	3.00	For Self
Lewis,Jeffrey	9/22/2023	22.54	For Self
	Subtotal	35.72	USD

Total Reimbursable Expenses 3,309.35 USD

Report Total **\$156,564.35 USD**



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If you have any questions, please contact Lawrence Gelbien at 781-248-6301.

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Regular Mail

Guidehouse
4511 Paysphere Circle
Chicago IL 60674
United States

FedEx/Courier

Guidehouse
4511 Paysphere Circle
Chicago IL 60674
United States

Electronic Payment Info

Wire Instructions

Account Name: Guidehouse
Account Number: [REDACTED]
Bank of America
135 S. Lasalle Street
Chicago IL 60603
United States
ABA# [REDACTED]
SWIFT: [REDACTED]

ACH Instructions

Account Name: Guidehouse
Account Number: [REDACTED]
Bank of America
135 S. Lasalle Street
Chicago IL 60603
United States
ABA# [REDACTED]

Federal Tax ID: [REDACTED]



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E-Signature Summary

E-Signature 1: Lerah M. Kahn (LK)
 November 22, 2023 05:45:13 -8:00 [F3D1D2C5047F][167.239.221.104]
 lm Kahn@aep.com (Principal) (Personally Known)

E-Signature Notary: Marilyn Michelle Caldwell (MMC)
 November 22, 2023 05:45:13 -8:00 [FC92E546FDAF][167.239.221.106]
 mmcaldwell@aep.com
 I, Marilyn Michelle Caldwell, did witness the participants named above electronically sign this document.



