

Kentucky Power Company
KPSC Case No. 2021-00004
Commission Staff's Fourth Set of Data Requests
Dated May 21, 2021

DATA REQUEST

KPSC 4_1 Provide a timeline of environmental compliance projects constructed at Mitchell Generating Station since 1971, including the cost of each project and the statute or regulation with which the project complied.

RESPONSE

Please see KPCO_R_KPSC_4_1_Attachment1.

Witness: Gary O. Spitznogle

Witness: Brian D. Sherrick

Description	Total In Service Cost	Regulatory Driver	In-Service Years
FGD	\$329,488,910	National Ambient Air Quality Standard Related	2005-2021
Mitchell Units 1 and 2 Water Injection	\$117,322	National Ambient Air Quality Standard Related	1993-1994, 2004
Low NOX Burners	\$2,696,247	National Ambient Air Quality Standard Related	2002-2006, 2009, 2017, 2019-2020
Low NOX Burner Modification	\$14,195,467	National Ambient Air Quality Standard Related	2005-2007, 2015
SCR	\$160,548,463	National Ambient Air Quality Standard Related	2005-2010, 2012-2021
Landfill	\$16,420,565	National Ambient Air Quality Standard (FGD Project Related)	2006-2008, 2012, 2017, 2019
Coal Blending Facilities	\$16,475,788	National Ambient Air Quality Standard Related (SO2 reductions)	2003-2007, 2019
SO3 Mitigation	\$10,983,738	National Ambient Air Quality Standard Related (SO2 reductions)	2007, 2016-2017, 2020
Mitchell Plant Common CEMS	\$1,327,604	Acid Rain Rule; CAIR; NOx SIP Call	1993, 2001, 2003-2007, 2009-2014, 2017-2020
Replace Burner Barrier Valves	\$4,324,175	National Ambient Air Quality Standard Related (NOx reductions)	2003-2007
Gypsum Material Handling Facilities	\$16,256,227	National Ambient Air Quality Standard (FGD Project Related)	2006-2008, 2012-2017, 2019-2020
Precipitator Modifications	\$12,671,715	National Ambient Air Quality Standard Related	2002, 2006-2020
Bottom Ash and Fly Ash Handling	\$21,230,312	National Ambient Air Quality Standard (FGD Project Related)	2001-2021
Mercury Monitoring (MATS)	\$3,285,963	MATS Rule	2010-2011, 2015, 2017
Dry Fly Ash Handling Conversion	\$64,591,348	NPDES Permit	2009-2019
Coal Combustion Waste Landfill	\$36,907,469	NPDES Permit	2014-2015
Electrostatic Precipitator Upgrade	\$2,386,974	MATS Rule	2014-2015, 2018-2019



Sherrick Verification_June 1.docx

DocVerify ID: FBE9C51A-B936-4AE7-83A3-77E09A5E61C3
 Created: May 28, 2021 14:54:22 -8:00
 Pages: 1
 Remote Notary: Yes / State: OH

This document is a DocVerify VeriVaulted protected version of the document named above. It was created by a notary or on the behalf of a notary, and it is also a DocVerify E-Sign document, which means this document was created for the purposes of Electronic Signatures and/or Electronic Notary. Tampered or altered documents can be easily verified and validated with the DocVerify veriCheck system. This remote online notarization involved the use of communication technology.

Go to www.docverify.com at any time to verify or validate the authenticity and integrity of this or any other DocVerify VeriVaulted document.

E-Signature Summary

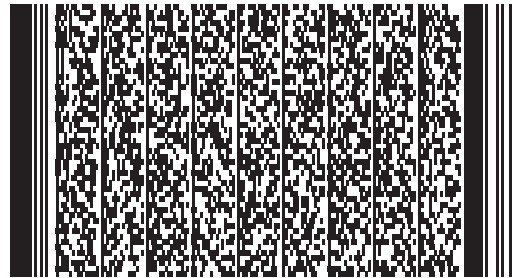
E-Signature 1: Brian D. Sherrick (BDS)

June 01, 2021 12:08:12 -8:00 [D0BA1B6A158B] [167.239.2.88]
 bdsherrick@aep.com (Principal) (Personally Known)

E-Signature Notary: S. Smithhisler (SRS)

June 01, 2021 12:08:12 -8:00 [695A2B2249CA] [161.235.2.86]
 srsmithhisler@aep.com

I, S. Smithhisler, did witness the participants named above electronically sign this document.



VERIFICATION

The undersigned, Brian D. Sherrick, being duly sworn, deposes and says he is the Managing Director of Projects for American Electric Power Service Corporation, that he has personal knowledge of the matters set forth in the forgoing responses, and the information contained therein is true and correct to the best of his information, knowledge and belief after reasonable inquiry.

Brian D. Sherrick
Signed on 2021/06/01 12:08:12 -8:00

Brian D. Sherrick

STATE OF OHIO

)

) Case No. 2021-00004

COUNTY OF FRANKLIN

)

Subscribed and sworn to before me, a Notary Public in and before said County and State, by Brian D. Sherrick, on 06/01/2021.



S. Smithhisler
Signed on 2021/06/01 12:08:12 -8:00

Notary Public

Notary ID Number: 2019-RE-775042

FBE9C51A-B936-4AE7-83A3-77E09A5E61C3 --- 2021/05/28 14:54:22 -8:00 --- Remote Notary





Spitznogle Verification_June 1.docx

DocVerify ID: 99BF1609-02AA-47D0-B409-935A2AD3A9FE
Created: May 28, 2021 14:56:27 -8:00
Pages: 1
Remote Notary: Yes / State: OH

This document is a DocVerify VeriVaulted protected version of the document named above. It was created by a notary or on the behalf of a notary, and it is also a DocVerify E-Sign document, which means this document was created for the purposes of Electronic Signatures and/or Electronic Notary. Tampered or altered documents can be easily verified and validated with the DocVerify veriCheck system. This remote online notarization involved the use of communication technology.

Go to www.docverify.com at any time to verify or validate the authenticity and integrity of this or any other DocVerify VeriVaulted document.

E-Signature Summary

E-Signature 1: Gary O. Spitznogle (GOS)

June 01, 2021 12:15:19 -8:00 [FE34C07625D8] [96.28.241.47]
gospitznogle@aep.com (Principal) (Personally Known)

E-Signature Notary: S. Smithhisler (SRS)

June 01, 2021 12:15:19 -8:00 [93A21F7C7D43] [161.235.2.86]
srsmithhisler@aep.com

I, S. Smithhisler, did witness the participants named above electronically sign this document.



VERIFICATION

The undersigned, Gary O. Spitznogle, being duly sworn, deposes and says he is the Vice President – Environmental Services for American Electric Power Service Corporation, that he has personal knowledge of the matters set forth in the forgoing responses, and the information contained therein is true and correct to the best of his information, knowledge and belief after reasonable inquiry.


Signed on 2021/06/01 12:15:19 -8:00

Gary O. Spitznogle

STATE OF OHIO

)


) Case No. 2021-00004

COUNTY OF FRANKLIN

)

Subscribed and sworn to before me, a Notary Public in and before said County and State, by Gary O. Spitznogle, on 06/01/2021.




Signed on 2021/06/01 12:15:19 -8:00

Notary Public

Notary ID Number: 2019-RE-775042

99BF1609-02AA-47D0-B409-935A2AD3A9FE --- 2021/05/28 14:56:27 -8:00 --- Remote Notary

