

**2023 CONTAMINANT SUMMARY REPORT**

August 01, 2024

2:58 pm

CN : CN600126767**Organization :** SOUTHWESTERN ELECTRIC POWER COMPANY**RN :** RN100214287**Account :** HH0037F**Site :** AEP PIRKEY POWER PLANT**Last EI Date :** 12/31/2023**CRITERIA EMISSIONS TOTALS**

Pollutant Class	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
PM2.5	17.5000	0.0000	0.0000	0.0000	0.0000
VOC	17.4664	1.8562	0.0000	0.0000	0.0000
CO	880.2100	0.0327	0.0000	0.0000	0.0000
NOX	822.0000	0.0000	0.0000	0.0000	0.0000
SO2	367.6000	0.0000	0.0000	0.0000	0.0000
PB	0.0097	0.0163	0.0000	0.0000	0.0000
PM10	40.6409	0.0000	0.0000	0.0000	0.0000

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	62.0329	3.1046	0.0000	0.0000	0.0000
11160	HYDROCHLORIC ACID	0.9300	0.0000	0.0000	0.0000	0.0000
11162	HYDROFLUORIC ACID	7.0600	0.0000	0.0000	0.0000	0.0000
11175	SULFURIC ACID	3.7000	0.0000	0.0000	0.0000	0.0000
14036	ARSENIC AND COMPOUNDS	0.0017	0.0000	0.0000	0.0000	0.0000
14051	BARIUM COMPOUNDS	0.0143	0.0000	0.0000	0.0000	0.0000
14071	BERYLLIUM AND COMPOUNDS	0.0006	0.0000	0.0000	0.0000	0.0000
14145	LIGNITE DUST	0.3576	0.0000	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0071	0.0000	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0047	0.0000	0.0000	0.0000	0.0000
14319	LEAD AND COMPOUNDS	0.0050	0.0163	0.0000	0.0000	0.0000
14350	MANGANESE-MN	0.0173	0.0000	0.0000	0.0000	0.0000
14360	MERCURY-HG	0.0080	0.0000	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.0080	0.0000	0.0000	0.0000	0.0000
14595	SELENIUM AND COMPOUNDS	0.2873	0.0000	0.0000	0.0000	0.0000
14610	SILVER-AG	0.0009	0.0000	0.0000	0.0000	0.0000
14700	THALLIUM-TL	0.0010	0.0000	0.0000	0.0000	0.0000
14760	VANADIUM	0.0069	0.0000	0.0000	0.0000	0.0000
14785	ZINC COMPOUNDS	0.0583	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	36.4556	0.0000	0.0000	0.0000	0.0000
21160	PM10 HYDROCHLORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
21162	PM10 HYDROFLUORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
21175	PM10 SULFURIC ACID	3.7000	0.0000	0.0000	0.0000	0.0000
24036	PM10 ARSENIC AND COMPOUNDS	0.0017	0.0000	0.0000	0.0000	0.0000
24051	PM10 BARIUM COMPOUNDS	0.0143	0.0000	0.0000	0.0000	0.0000
24071	PM10 BERYLLIUM COMPOUNDS	0.0006	0.0000	0.0000	0.0000	0.0000
24145	PM10 LIGNITE DUST	0.0693	0.0000	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.0070	0.0000	0.0000	0.0000	0.0000

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
24310	PM10 LEAD-PB	0.0047	0.0000	0.0000	0.0000	0.0000
24350	PM10 MANGANESE-MN	0.0173	0.0000	0.0000	0.0000	0.0000
24360	PM10 MERCURY-HG	0.0080	0.0000	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.0080	0.0000	0.0000	0.0000	0.0000
24595	PM10 SELENIUM AND COMPOUNDS	0.2873	0.0000	0.0000	0.0000	0.0000
24610	PM10 SILVER-AG	0.0009	0.0000	0.0000	0.0000	0.0000
24700	PM10 THALLIUM-TL	0.0010	0.0000	0.0000	0.0000	0.0000
24760	PM10 VANADIUM	0.0069	0.0000	0.0000	0.0000	0.0000
24785	PM10 ZINC COMPOUNDS	0.0583	0.0000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	17.5000	0.0000	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	17.3980	1.8562	0.0000	0.0000	0.0000
51550	PHENOL	0.0154	0.0000	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.0149	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0121	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.0181	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.0079	0.0000	0.0000	0.0000	0.0000
70050	AMMONIA	0.2200	0.7190	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	822.0000	0.0000	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	367.6000	0.0000	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	880.2100	0.0327	0.0000	0.0000	0.0000

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
11160	HYDROCHLORIC ACID	0.9300	0.0000	0.0000	0.0000	0.0000
11162	HYDROFLUORIC ACID	7.0600	0.0000	0.0000	0.0000	0.0000
14036	ARSENIC AND COMPOUNDS	0.0017	0.0000	0.0000	0.0000	0.0000
14071	BERYLLIUM AND COMPOUNDS	0.0006	0.0000	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0071	0.0000	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0047	0.0000	0.0000	0.0000	0.0000
14319	LEAD AND COMPOUNDS	0.0050	0.0163	0.0000	0.0000	0.0000
14350	MANGANESE-MN	0.0173	0.0000	0.0000	0.0000	0.0000
14360	MERCURY-HG	0.0080	0.0000	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.0080	0.0000	0.0000	0.0000	0.0000
14595	SELENIUM AND COMPOUNDS	0.2873	0.0000	0.0000	0.0000	0.0000
21160	PM10 HYDROCHLORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
21162	PM10 HYDROFLUORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
24036	PM10 ARSENIC AND COMPOUNDS	0.0017	0.0000	0.0000	0.0000	0.0000
24071	PM10 BERYLLIUM COMPOUNDS	0.0006	0.0000	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.0070	0.0000	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0047	0.0000	0.0000	0.0000	0.0000
24350	PM10 MANGANESE-MN	0.0173	0.0000	0.0000	0.0000	0.0000
24360	PM10 MERCURY-HG	0.0080	0.0000	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.0080	0.0000	0.0000	0.0000	0.0000
24595	PM10 SELENIUM AND COMPOUNDS	0.2873	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	0.0154	0.0000	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.0149	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0121	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.0181	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.0079	0.0000	0.0000	0.0000	0.0000
Total		8.7327	0.0163	0.0000	0.0000	0.0000