Name Name No. No. </th <th>El Paso Electric</th> <th></th> <th>1</th> <th></th> <th></th>	El Paso Electric															1		
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Share		NDITURES (Presented in \$000)																
Inition			Туре	LAST	FREQUENCY	NEXT	TOTAL	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	CATEGORY
migra converging shore means image	BOILER & HIGH ENE						4000					4000						
NameN															ć1 000			
NormalNorm												\$1,000			\$1,000			
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numenumenum <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$110</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>											\$110							
Product important Con 2017 Form Withow 51.20 - - 1 51.20 - <td></td> <td></td> <td>Cap</td> <td>2006</td> <td>10 yrs</td> <td>within 5 yrs.</td> <td>\$400</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$400</td> <td></td> <td></td> <td></td> <td>industry practice</td>			Cap	2006	10 yrs	within 5 yrs.	\$400							\$400				industry practice
Philometry Por Por Norte Sum Sum <	TORDINE GENERAT		Can	2017	6 yrs	When due	\$1.600							\$1.600				Industry practice
Pickey/weignegate Constraint Const														. ,				
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Inducidation transmission Fine State Vertical	BALANCE OF PLANT		4				Ç0											
Addition to diverge over plane No			Exp	1992	30 yrs	Within 5 yrs*	\$2,000							\$2,000				Required
make is which use banding and grammed Go N/A Ore With Synt Side I 000 100 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>. ,</td><td>\$500</td><td></td><td></td><td></td></td<>														. ,	\$500			
Allowance on using particular sequencesMAOnceWith S of MSourd		Replace FW heater tube bundles	Cap	N/A	Once	Within 5 yrs*	\$1,500							\$1,500				Industry practice
Batement Cons NA One NA NA NA NA NA					Once		\$1,500							\$1,500				
sindigengendesindi		Allowance for major pump/fan work	Exp	N/A	Once	Within 5 yrs*	\$1,000						\$1,000					Required
Reduce induce methom Gen Monto Mathem Math <m math<="" math<m="" th=""> Math<m mathem<="" th=""> Math<m mathem<="" th=""> Math<m math<m="" mathem<="" th=""> Math<m math<m="" mathem<="" th=""> Math<m math<m="" mathem<="" th=""> <t< td=""><td>ELECTRICAL & CONT</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<></m></m></m></m></m></m>	ELECTRICAL & CONT																	
Index candimoneGrageNAOneWith symSym <td></td> <td>Switchgear upgrade</td> <td>Cap</td> <td>N/A</td> <td>Once</td> <td>Within 5 yrs*</td> <td>\$1,000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$1,000</td> <td></td> <td></td> <td></td> <td></td> <td>Industry practice</td>		Switchgear upgrade	Cap	N/A	Once	Within 5 yrs*	\$1,000						\$1,000					Industry practice
1074.		Replace station batteries	Cap	2000	20 yrs	When due	\$200							\$200				Required
IDTAL - Coperating GAMImage: Solution of the state of the		Replace unit aux. transformers	Cap	N/A	Once	Within 5 yrs*	\$500						\$500					Required
TOTAL - one shearing GBMIn <td>TOTAL</td> <td></td>	TOTAL																	
TOTAL Objectively Priorital Constrained Priorital <br< td=""><td></td><td>TOTAL - Capital</td><td></td><td></td><td></td><td></td><td>\$11,520</td><td></td><td></td><td></td><td>\$110</td><td>\$1,600</td><td>\$1,500</td><td>\$7,310</td><td>\$1,000</td><td>\$0</td><td>\$0</td><td></td></br<>		TOTAL - Capital					\$11,520				\$110	\$1,600	\$1,500	\$7,310	\$1,000	\$0	\$0	
Important or spread out expression and out expr		TOTAL - Non Recurring O&M					\$8,000				. ,		. ,	. ,				
PRED OPERATIONS & MAINTENANCE EXPENDITURES + INISO/CULA BASIS Initial and any and any							\$19,520				\$1,310	\$1,600	\$2,500	\$11,410	\$2,700	\$0	\$0	
Discreption 74 Normal 701K 701K 701K 701K		*Distrubuted over years to spread out expense																
Discreption 74 Normal 701K 701K 701K 701K		-																
Image PM (symp)74Image PM (symp)74 </td <td>-</td> <td>IONS & MAINTENANCE EXPENDITURES - F</td> <td>HISTORICAL BAS</td> <td>SIS</td> <td></td>	-	IONS & MAINTENANCE EXPENDITURES - F	HISTORICAL BAS	SIS														
FOM (5/W yr) \$20.7 Sum	DESCRIPTION				l.	1	TOTAL	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$																		
Image: control in the state of the stat		FOM (\$/kW-yr)	\$20.74			\$000	\$10,745				\$1,535	\$1,535	\$1,535	\$1,535	\$1,535	\$1,535	\$1,535	
Image: control in the state of the stat																		
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Unit Capacity (Net Summer) 74 Image of the service 1m 74 Image of the service 1m		IONS & MAINTENANCE EXPENDITURES - A	ADJUSTED FOR	AGE BASED DEGRAD	DATION													
Maintenance Aging Rate per Year 1960 Image Maintenance Aging Rate per Year 125%	DESCRIPTION		1 = 1			1	TOTAL	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
Maintenance Aging Rate per Year 125% Image: Maintenance Aging Rate per Year 125% Sec. P Sec.																		
FOM (\$/kW-yr) \$20.74 omage \$11,578 omage \$11,633 \$1,633 \$1,633 \$1,674 \$1,695 \$1,716 Image Imag											624 52	624.00	622.07	622.24	600 C0	622.04	622.40	
Image: space						¢000	Ć11 F70											
Image: constraint of the constrain		ΓΟΙΝΙ (\$/ΚΨ-ΥΓ)	\$20.74			\$UUU	\$11,578				\$1,593	\$1,613	\$1,633	\$1,653	¢1,674	\$1,695	\$1,/16	
Image: constraint of the constrain						Total (\$000)	Total (\$ /k)A	n										
Image: Note of the sector of				Canital Exponditures				,										
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Image: Note of the system o					I													
DESCRIPTIONVINITS20192029202220232024202520262027Unit Capacity (Net Summer)74Image and the second se				TOLdi			- JJIZ											
DESCRIPTIONVINITS20192029202220232024202520262027Unit Capacity (Net Summer)74Image and the second se		DATION & MAINTENANCE EXPENDITURES					1											
Init Capacity (Net Summer)74Init Capacity (Net Summer)74Init Capacity (Net Summer)10Init Capacity (Net Summer)10 <t< td=""><td></td><td></td><td></td><td></td><td> </td><td></td><td>1</td><td>2010</td><td>2010</td><td>2020</td><td>2024</td><td>2022</td><td>2022</td><td>2024</td><td>2025</td><td>2020</td><td>2027</td><td>l</td></t<>							1	2010	2010	2020	2024	2022	2022	2024	2025	2020	2027	l
Annual Capacity Factor34.2%Image: Constraint of the constraint of th	DESCRIPTION	Unit Capacity (Net Summer)					1	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
Variable O&M Costs (\$/MWh) \$2.54 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td> </td></th<>																		
Annual Variable O&M Costs (\$) Image: Cost of Costs (\$) Image: Cost of Cos							+				¢2 ⊑1	¢7 ⊑1	¢7 ⊑1	¢2 ⊑1	¢7 ⊑1	¢7 ⊑1	¢2 Ε4	
Image: Non-Security of Security of			<i>ş</i> 2.54				+											
TOTAL - Capital TOTAL - Capital \$11,520 \$0 \$0 \$1,600 \$1,500 \$1,000 \$0 \$0 TOTAL - Non Recurring O&M 50 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000 \$1,000 \$1,000 \$0 \$0 Fixed O&M (adjusted for age) 50 \$11,578 \$0 \$0 \$1,633 \$1,673 \$1,674 \$1,695 \$1,716											100,600	100,000 ډ	,00,c0c¢	100,007	100,2024	/ ٥٥,٤٥٦ ډ	/00,600	
TOTAL - Capital TOTAL - Capital \$11,520 \$0 \$0 \$1,600 \$1,500 \$1,000 \$0 \$0 TOTAL - Non Recurring O&M 50 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000 \$1,000 \$1,000 \$0 \$0 Fixed O&M (adjusted for age) 50 \$11,578 \$0 \$0 \$1,633 \$1,673 \$1,674 \$1,695 \$1,716						1								+ +				
TOTAL - Capital TOTAL - Capital \$11,520 \$0 \$0 \$1,600 \$1,500 \$1,000 \$0 \$0 TOTAL - Non Recurring O&M 50 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000 \$1,000 \$1,000 \$0 \$0 Fixed O&M (adjusted for age) 50 \$11,578 \$0 \$0 \$1,633 \$1,673 \$1,674 \$1,695 \$1,716	SUMMARY		UNITS		I	·	1	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
TOTAL - Non Recurring 0&M O \$1,000 \$1,000 \$1,000 \$1,700 \$0 \$0 Fixed 0&M (adjusted for age) 6 6 \$11,578 \$0 \$0 \$1,633 \$1,653 \$1,674 \$1,674 \$1,674 \$1,716		TOTAL - Capital					\$11,520											
Fixed O&M (adjusted for age) \$11,578 \$0 \$0 \$1,593 \$1,633 \$1,673 \$1,674 \$1,674 \$1,716																		

El Paso Electric, Inc.														i
Newman Unit 2														
Burns & McDonnell Project No. 101955														
Condition Assessment & Life Extension Assessment - 2027														
Capital Expenditures and Maintenance Forecasts														
All costs are presented in 2017\$, no inflation is included														
CAPITAL EXPENDITURES (Presented in \$000)														
DESCRIPTION	Туре	LAST	FREQUENCY	NEXT	TOTAL	2018	2019	2020	2021	2022	2023	2024	2025	2026
BOILER & HIGH ENERGY PIPING					Γ									
Boiler clean	Сар	2011	10 yrs	When due	\$600					\$600				
Regular boiler piping replacements	Сар	2016	3 yrs	When due	\$2,000					\$1,000			\$1,000	
Main steam piping replacement	Сар	N/A	Once	ASAP	\$0									
NDE of selected areas	Сар	N/A	3yrs	ASAP	\$220				\$110			\$110		
Replace air heater cold end baskets	Сар	N/A	10 yrs	Within 5 yrs*	\$400							\$400		
TURBINE GENERATOR					\$0									
STG Major Inspection	Сар	2013	6 yrs	When due	\$1,600								\$1,600	
STG Major Inspection	Exp	2013	6 yrs	When due	\$1,600								\$1,600	
ST blades/valve repl./repairs	Сар	N/A	Once	Next major	\$0									
Valve Inspection	Exp	N/A	4 yrs	Next major	\$2,400					\$1,200		\$1,200		
Generator rewind	Сар	N/A	Once	Within 5 yrs*	\$3,500					\$3,500				
BALANCE OF PLANT														
Refurbish cooling tower	Exp	N/A	Once	Within 5 yrs*	\$2,000								\$2,000	
Add liner to UG circulating water pipe	Exp	N/A	Once	Within 5 yrs*	\$500								\$500	
Replace FW heater tube bundles	Сар	N/A	Once	Within 5 yrs*	\$500								\$500	
Condenser retubing	Сар	N/A	Once	Within 5 yrs*	\$1,500					\$1,500				
Allowance for major pump/fan work	Exp	N/A	Once	Within 5 yrs*	\$1,000					\$1,000				
ELECTRICAL & CONTROLS					\$0									
Switchgear upgrade	Сар	N/A	Once	Within 5 yrs*	\$1,000						\$1,000			
Replace station batteries	Сар	2000	20 yrs	When due	\$200							\$200		
Replace GSU	Сар	N/A	Once	Within 5 yrs*	\$0									
Replace unit aux. transformer	Сар	N/A	Once	Within 5 yrs*	\$500						\$500			
ΤΟΤΑΙ														
TOTAL - Capital				ļ	\$12,020				\$110	\$6,600	\$1,500	\$710	\$3,100	\$0
TOTAL - Non Recurring O&M					\$7,500				\$0	\$2,200	\$0	\$1,200	\$4,100	\$0
TOTAL					\$19,520				\$110	\$8,800	\$1,500	\$1,910	\$7,200	\$0
*Distrubuted over years to spread out expense														

		1				1										
El Paso Electric, Inc.																
Rio Grande Unit 7	Project No. 404055															
Burns & McDonnell F																
Condition Assessme	nt & Life Extension Assessment - 2027															
Conital Expanditures	and Maintenance Ferenceto															
	and Maintenance Forecasts															
All costs are present	ed in 2017\$, no inflation is included															
	RES (Presented in \$000)															
DESCRIPTION		ТҮРЕ	LAST	FREQUENCY	NEXT	TOTAL	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
BOILER & HIGH ENERGY PI		-		-		40.000								A4 000		
	Regular boiler piping replacements	Cap	N/A N/A	3 yrs Once	When due	\$2,000					\$1,000			\$1,000		
	Main steam piping replacement NDE of selected areas	Cap Cap	N/A N/A	3yrs	Within 5 yrs* ASAP	\$0 \$220				\$110			\$110			
	Replace air heater cold end baskets	Сар Сар	2011 (insp.)	10 yrs	Within 5 yrs*	\$400				\$110			\$110			
TURBINE GENERATOR		Cap	2011 (IIISp.)	10 yrs	Within 5 yrs	Ş400							Ş400			
	STG Major Inspection	Сар	2005	6 yrs	ASAP	\$3,200					\$1,600		\$1,600			
	STG Major Inspection	Exp	2005	6 yrs	ASAP	\$3,200					\$1,600		\$1,600			
	ST blades/valve repl./repairs	Сар	N/A	Once	Next major	\$2,000					\$2,000		+_,			
	Valve Inspection	Exp	2016	4 yrs	When due	\$2,400					\$1,200		\$1,200			
	Generator rewind	Сар	N/A	Once	ASAP	\$0				\$0						
	Comply with TDP-1	Сар	N/A	Once	ASAP	\$0										
BALANCE OF PLANT																
	Reburbish cooling tower	Exp	N/A	Once	Within 5 yrs*	\$1,500					\$1,500					
	Add liner to UG circulating water pipe	Exp	N/A	Once	Within 5 yrs*	\$1,000					\$1,000					
	Replace FW heater tube bundles	Сар	N/A	Once	Within 5 yrs*	\$1,500					\$1,500					
	Condenser retubing	Сар	Unknown	Once	Within 5 yrs*	\$1,500					\$1,500					
	Allowance for major pump/fan work	Exp	N/A	Once	Within 5 yrs*	\$1,000					\$1,000					
ELECTRICAL & CONTROLS																
	Switchgear upgrade	Сар	N/A	Once	Within 5 yrs*	\$1,000					\$1,000					
	Replace station batteries	Cap	2005	20 yrs	When due	\$200				1			\$200			
	Replace unit aux. transformers	Сар	N/A	Once	Within 5 yrs*	\$500				\$500						
TOTAL	TOTAL Control					642 520				6640	<u> </u>	ćo	62.240	ć1 000	ćo	ćo
	TOTAL - Capital					\$12,520				\$610 ¢0	\$8,600	-	\$2,310	\$1,000	\$0 ¢0	\$0 ¢0
	TOTAL - Non Recurring O&M TOTAL					\$9,100 \$21,620				\$0 \$610	\$6,300 \$14,900	\$0 \$0	\$2,800 \$5,110	\$0 \$1,000	\$0 \$0	\$0 \$0
	*Distrubuted over years to spread out expense					\$21,020				2010	\$14,900	ŞU	\$5,110	\$1,000	ŞU	ŞU
	& MAINTENANCE EXPENDITURES - HISTORICA															
	& MAINTENANCE EXPENDITORES - HISTORICA	AL DASIS				-	2010	2010	2020	2024	2022	2022	2024	2025	2026	2027
DESCRIPTION	Unit Connector (Net Common)	48				TOTAL	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	Unit Capacity (Net Summer) Fixed O&M (\$/kW-yr)	\$26.60			\$000	\$8,939				\$1,277	\$1,277	\$1,277	\$1,277	\$1,277	\$1,277	\$1,277
	Fixed Oalvi (\$/kw-yi)	\$20.00			\$000	20,939				\$1,277	\$1,277	\$1,277	Ş1,277	\$1,277	\$1,277	Ş1,277
					Total (\$000)	Total (\$/kW)										
			Capital expenditures		12,520	260.83	/									
			Maintenance		\$8,939	186										
			Total	l	\$21,459	447										
		1	Total		Ş21,435	447										
	& MAINTENANCE EXPENDITURES - ADJUSTED	FOR AGE DA	SED DEGRADATION			TOTAL	2010	2010	2020	2024	2022	2022	2024	2025	2026	2027
DESCRIPTION		40	L			TOTAL	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	Unit Capacity (Net Summer)	48														
	Year in Service O&M Aging Rate/year	1958 1.25%								\$27.60	\$27.95	\$28.30	\$28.65	\$29.01	\$29.37	\$29.74
	D&M Aging Rate/year Maintenance (\$/kW-yr)	\$26.60			\$000	\$9,630				\$27.60 \$1,325			\$28.65 \$1,375	\$29.01 \$1,393	\$29.37 \$1,410	\$29.74 \$1,428
					γυυυ	020,e¢				22,225	¢1,542	٥دد, ۲	د ۱ د, ۱ ډ	555,75	¥1,410	428, <i>4</i> 28
					Total (\$000)	Total (\$/kW)										
			Capital expenditures		12,520	261	·									
		1	Maintenance		\$9,630											
			Total		\$22,150	461										
			13141		<i><i><i>q</i>₂2,130</i></i>	101										
	DN & MAINTENANCE EXPENDITURES															
DESCRIPTION		UNITS		I			2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	Unit Capacity (Net Summer)	48					2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	Annual Capacity Factor	24.2%														
	Variable O&M Costs (\$/MWh)	\$4.68								\$4.68	\$4.68	\$4.68	\$4.68	\$4.68	\$4.68	\$4.68
	Annual Variable O&M Costs (\$)	÷								\$476,219						\$476,219
		1								+ ., S,LIJ	+ ·· 0,213	÷	+ ., 0,L1J	+ 5,215	+ ., 0,21J	+ ., 0,21J
SUMMARY		UNITS					2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	TOTAL - Capital					\$12,520	\$0	\$0	\$0	\$610	\$8,600	\$0	\$2,310	\$1,000	\$0	\$0
	TOTAL - Non Recurring O&M					\$9,100	\$0	\$0	\$0	\$0		\$0	\$2,800	\$0	\$0	\$0
	Fixed O&M (adjusted for age)					\$9,630	\$0	\$0	\$0		\$1,342	\$1,358	\$1,375	\$1,393	\$1,410	\$1,428
	Variable O&M						\$0	\$0	\$0	\$476,219	\$476,219		\$476,219	\$476,219	\$476,219	\$476,219
						\$16,064					FOM (K\$)	\$7,658	\$4,175	\$1,393	\$1,410	\$1,428
							FOM Costs - co	nsumables	left out sinc	e extensions	will not be c	perable until	2023			
							Non-Reculrring	g O&M Cost	ts - Omar sai	d to add thei	m all into yea	ar 2023 with t	hat year's FC	0&M Costs		