Florida Power & Light Company Docket No. 160021-EI Staff's Forty-First Set of Interrogatories Interrogatory No. 504 Attachment No. 2 Page 1 of 20

Summary 8/9/2016 8:31:41 AM

Differences exist between documents.

New Document:
Corrected Appendix
19 pages (1.50 MB)
8/9/2016 8:30:27 AM
Used to display results.

Old Document:
Filed Appendix
19 pages (1.47 MB)
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indicates pages were changed.

indicates pages were moved.

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APPENDIX A - COST BREAKDOWNS

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Table A-1 Cape Canaveral Power Plant Decommissioning Cost Summary

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		I/	viateriai and						
	Labor		Equipment	Disposal	Е	nvironmental		Total Cost	Salvage
pe Canaveral Power Plant									
Unit 1									
GTs and HRSGs	\$	\$		-	\$	-	\$	5,587,000	-
Steam Turbine & Pedestal	\$ 1,174,000	\$	1,282,000	\$ -	\$	-	\$	2,456,000	\$ -
SCR	\$	\$	147,000	-	\$	-	\$		\$ -
GSU & Electrical	\$ 227,000	\$	248,000	54,000	\$	-	\$	529,000	\$ -
Stack	\$ 95,000	\$	103,000	-	\$	-	\$	198,000	\$ -
On-site Concrete Crushing & Disposal	\$ -	\$	-	\$ 182,000	\$	-	\$	182,000	\$ -
Scrap	\$ -	\$	-	\$ -	\$	-	\$	-	\$ (4,218,000
Subtotal	\$ 4,301,000	\$	4,697,000	\$ 236,000	\$	-	\$	9,234,000	\$ (4,218,000
Common									
Auxiliary, Switchyard and Substation	\$ 31,000	\$	34,000	\$ -	\$	-	\$	65,000	\$ -
Cooling Water Intakes and Circulating Water Pumps	\$ 172,000	\$	188,000	\$ -	\$	-	S	360,000	\$ -
Roads	\$ 193,000	\$	211,000	\$ 212,000	\$	-	S	616,000	\$ -
All BOP Buildings	\$ 521,000	\$	569,000	\$ -	\$	-	\$	1,090,000	\$ -
Fuel Oil Storage Tanks	\$ 110,000	\$	121,000	\$ -	\$	-	\$	231,000	\$ -
All Other Tanks	\$ 113,000	\$	124,000	\$ -	\$	-	\$	237,000	\$ -
Contaminated Soil Removal	\$ -	\$	-	\$ -	\$	101,000	\$	101,000	\$ -
Fuel Oil Storage Tank Cleaning	\$ -	\$	-	\$ -	\$	1,504,000	\$	1,504,000	\$ -
Fuel Oil Line Flushing/Cleaning	\$ -	\$	-	\$ -	\$	154,000	\$		\$ -
Settling Pond Closure	\$ -	\$	-	\$ -	\$	1,085,000	\$	1,085,000	\$ -
On-site Concrete Crushing & Disposal	\$ -	\$	-	\$ 65,000	\$	-	\$	65,000	\$ -
Seeding and Grading	\$ -	\$	-	\$ -	\$	137,000	\$	137,000	\$ -
Debris	\$ -	\$	-	\$ 1,000	\$	-	\$	1,000	\$ -
Scrap	\$ -	\$	-	\$ -	\$	-	\$	-	\$ (255,000
Subtotal	\$ 1,140,000	\$	1,247,000	\$ 278,000	\$	2,981,000	\$	5,646,000	\$ (255,000
Cape Canaveral Energy Center Subtotal	\$ 5,441,000	\$	5,944,000	\$ 514,000	\$	2,981,000	\$	14,880,000	\$ (4,473,000
TOTAL COST (CREDIT)							\$	14,880,000	\$ (4,473,000
PROJECT INDIRECTS (5%)							\$	744,000	
CONTINGENGY (20%)							\$	2,976,000	
SITE INVENTORY COST (CREDIT)							\$	1,431,993	\$ (143,199
TOTAL PROJECT COST (CREDIT)							\$	20,031,993	\$ (4,616,199
TOTAL NET PROJECT COST (CREDIT)							\$	15,415,794	

¹ Site inventory costs and recoverable scrap of inventory estimates (10%) were provided by FPL and were not independently reviewed by BMcD.

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Table A-2 DeSoto Next Generation Solar Energy Center Decommissioning Cost Summary

				Material and								
		Labor		Equipment		Disposal		Environmental		Total Cost		Salvage
DeSoto Next Generation Solar Energy Center												
Unit 1												
Demolition	\$	564,000		846,000		-	\$	-	\$	1,410,000		-
Collector System	\$	44,000		66,000		-	\$	-	\$	110,000		-
Project Buildings	\$	6,000		9,000		-	\$	-	\$	15,000		-
Hazardous Material Disposal	\$	-	\$	-	\$	393,000		-	\$	393,000		-
On-site Concrete Crushing & Disposal	\$	-	\$	-	\$	25,000	\$	-	\$	25,000		-
Site Restoration	\$	-	\$	-	\$	-	\$	300,000	\$	300,000		-
Debris	\$	-	\$	-	\$	47,000	\$ \$	-	\$	47,000	\$	(700,000)
Scrap	3)		3		-		2		-	(722,000)
Subtotal	\$	614,000	\$	921,000	\$	465,000	\$	300,000	\$	2,300,000	Þ	(722,000)
Desoto Solar Energy Center Subtotal	\$	614,000	\$	921,000	\$	465,000	\$	300,000	\$	2,300,000	\$	(722,000)
TOTAL COST (CREDIT)									\$	2,300,000	\$	(722,000)
PROJECT INDIRECTS (5%)									\$	115,000		
CONTINGENGY (20%)									\$	460,000		
SITE INVENTORY COST (CREDIT) ¹									\$	134,309	\$	(13,431)
TOTAL PROJECT COST (CREDIT)									\$	3,009,309	\$	(735,431)
TOTAL NET PROJECT COST (CREDIT)									\$	2,273,878		

¹ Site inventory costs and recoverable scrap of inventory estimates (10%) were provided by FPL and were not independently reviewed by BMcD.

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Table A-3 Ft. Myers Power Plant Decommissioning Cost Summary

Hyers Power Plant Unit 2 Ashestos Removal GTs and HRSGs Steam Turbines & Pedestals SCR GSUs & Electrical Stack Cooling Tower and Basin On-site Concrete Crushing & Disposal Scrap Subtotal Unit 3	\$ \$ \$ \$ \$ \$ \$ \$	4,272,000 1,079,000 144,000 174,000		,000 \$,000 \$	-	\$ \$ \$ \$ \$	-	\$n \$ \$	8,940,000 2,258,000	\$ 1	-
Asbestos Removal GTs and HRSGs Steam Turbines & Pedestals SCR GSUs & Electrical Stack Cooling Tower and Basin On-site Concrete Crushing & Disposal Scrap Subtotal	\$ \$ \$ \$ \$ \$ \$	4,272,000 1,079,000 144,000 174,000	\$ 4,668 \$ 1,179 \$ 158	,000 \$,000 \$,000 \$	-	\$	-	\$		\$	-
GTs and HRSGs Steam Turbines & Pedestals SCR GSUS & Electrical Stack Cooling Tower and Basin On-site Concrete Crushing & Disposal Scrap Subtotal	\$ \$ \$ \$ \$ \$ \$	4,272,000 1,079,000 144,000 174,000	\$ 4,668 \$ 1,179 \$ 158	,000 \$,000 \$,000 \$	-	\$	-	\$		\$	-
Steam Turbines & Pedestals SCR GSUs & Electrical Stack Cooling Tower and Basin On-site Concrete Crushing & Disposal Scrap Subtotal	s s s s s s	1,079,000 144,000 174,000 174,000	\$ 1,179 \$ 158	,000 \$,000 \$	-	\$	-	\$		\$	-
GSUs & Electrical Stack Cooling Tower and Basin On-site Concrete Crushing & Disposal Scrap Subtotal	\$ \$ \$ \$	144,000 174,000 174,000	\$ 158	,000 \$		0					
Stack Cooling Tower and Basin On-site Concrete Crushing & Disposal Scrap Subtotal	\$ \$ \$	174,000	\$ 190				-	\$	302,000	\$	-
Cooling Tower and Basin On-site Concrete Crushing & Disposal Scrap Subtotal	\$,000 \$		\$	-	\$	428,000	\$	-
On-site Concrete Crushing & Disposal Scrap Subtotal	\$,000 \$		\$		\$	364,000	\$	-
Scrap Subtotal				,000 \$		\$		\$	285,000	\$	-
Subtotal		-	\$	- \$		\$		\$	384,000	\$	(0.000.000
	\$	5,979,000	\$ 6,534	- 4		\$		\$	12,961,000	\$	(6,883,000
Unit 2	Þ	5,979,000	\$ 6,534	,000 \$	446,000	•	<u> </u>	Þ	12,961,000	•	(6,003,000
Asbestos Removal	S)		\$1	- \$		Sn .		\$11	-	\$11	-
GTs	\$,000 \$		\$		\$	1,570,000	\$	-
SCR GSUs & Electrical	\$ \$,000 \$		\$		\$ \$	231,000	\$	-
Stack	\$ \$,000 \$		\$		S	167,000 130,000	\$	-
On-site Concrete Crushing & Disposal	S		\$ 00			s s		S	66,000	S	-
Scrap	5 S		s S	- \$ - \$	66,000	s S		S	00,000	S	(1.090.00)
Subtotal	\$	989,000	\$ 1,082	,000 \$	93,000	\$		\$	2,164,000	\$	(1,090,00
Unit 4 (Proposed 2x GE 7FA.05s) Turbines & Foundations	\$	947,000	¢ 1.00E	,000 \$		\$		s	1,982,000	¢	
GSU	\$	87,000		,000 \$		\$		\$		\$	
Stack	\$	6,000		,000 \$		\$		\$		\$	-
On-site Concrete Crushing & Disposal	\$		\$	- \$		S		S	75,000	S	
Scrap	S		\$	- S		S		S		S	(1.066.00
Subtotal	\$	1,040,000	\$ 1,136	,000 \$	98,000	\$	-	\$	2,274,000	\$	(1,066,00
OT- 4 8 2											
GTs 1 & 2 Asbestos Removal	Su	_	Sn	- s		Si	-	Sn	_	Sn	_
GTs & Foundations	\$	218,000	\$ 238	,000 \$	_	\$	-	\$	456,000	\$	_
GSUs & Electrical	\$,000 \$		\$		\$	50,000	\$	-
On-site Concrete Crushing & Disposal	\$		\$	- \$		\$		\$	11,000	\$	-
Scrap	\$	-	\$	- \$	-	\$	-	\$	-	\$	(338,00)
Subtotal	\$	233,000	\$ 254	,000 \$	30,000	\$	-	\$	517,000	\$	(338,00
Common Facilities											
Asbestos Removal ¹	\$	-	\$	- \$		\$	14,000	\$	14,000	Sn	_
Auxiliary, Switchyard and Substation	Sn			,000 \$		\$		Sn	26,000	Sn	-
Cooling Water Intakes and Circulating Water Pumps	\$	500,000	\$ 547	,000 \$	-	\$	-	\$	1,047,000	\$	-
Roads	\$	734,000	\$ 802	,000 \$	805,000	\$	-	\$	2,341,000	\$	-
All BOP Buildings	\$	861,000	\$ 940	,000 \$		\$	-	\$	1,801,000	\$	-
Fuel Oil Storage Tanks	\$	132,000	\$ 144	,000 \$	-	\$	-	\$	276,000	\$	-
All Other Tanks	\$,000 \$		\$		\$	415,000	\$	-
Contaminated Soil Removal	\$		\$	- \$				\$	167,000	\$	-
Fuel Oil Storage Tank Cleaning	\$		\$	- \$				\$	4,854,000	\$	-
Fuel Oil Line Flushing/Cleaning	\$		\$	- \$				\$	723,000	\$	-
Settling Pond Closure	\$		\$	- \$				\$	1,036,000	\$	-
On-site Concrete Crushing & Disposal	\$		\$	- \$		\$		\$	114,000	\$	-
Seeding and Grading	\$		\$	- \$				\$	369,000	\$	-
Debris	\$	-	\$	- \$	3,000	\$	-	\$	3,000	\$	1
Scrap Subtotal	\$	2,429,000	\$ 2,655	,000 \$	939,000	\$ 7,	163,000	\$	13,186,000	\$	(479,00 (479,00
Gustotal	Þ	2,429,000	y 2,055	VUU \$	539,000	Ψ I,	100,000	Ŷ	13, 130,000	Ŷ	(4/9,00
Et Muses Davies Dieut Cultatel	· ·	40.070.000	6 44.004	000 6	4.000.000	£ 7	402.000	•	24 402 000	•	(0.9EC.00
Ft. Myers Power Plant Subtotal	\$	10,670,000	\$ 11,661	,000 \$	1,608,000	\$ 7,	163,000	\$	31,102,000	\$	(9,856
TOTAL COST (CREDIT)								\$	31,102,000	\$	(9,856,0
PROJECT INDIRECTS (5%)								\$	1,555,000		
CONTINGENGY (20%)								\$	6,220,000		
SITE INVENTORY COST (CREDIT) ²								\$	2,639,932	\$	(263,99
SITE INVENTORY COST (CREDIT) ² TOTAL PROJECT COST (CREDIT)								\$	2,639,932 41,516,932		(263,99 (10,119,99

<sup>Asbestos removal estimates were provided by FPL and were not independently reviewed by BMcD.
Site inventory costs and recoverable scrap of inventory estimates (10%) were provided by FPL and were not independently reviewed by BMcD.</sup>

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Table A-4 Lauderdale Power Plant Decommissioning Cost Summary

1,374,000 \$ 786,000 \$ 50,000 \$ 128,000 \$		Disposal	Environmental	Total			
786,000 \$ 50,000 \$ 128,000 \$						0.	alvage
786,000 \$ 50,000 \$ 128,000 \$							
50,000 \$ 128,000 \$	s 859.000	\$ -	\$ -			\$	
128,000 \$		\$ -	\$ -			\$	
		\$ -	\$ -			\$	
			\$ -			\$	
58,000 \$		\$ -	\$ -			\$	
- \$	- In -	\$ 136,000	\$ -	\$	136,000	S	
- 9		\$n 1,000 S -	s -	S		S	(2.034.
			7	_		7	(2,034,
1 274 000 (1 501 000	¢.	6	e 2	975 000	e	
			~	-			
7			-	-		-	
- 6	SII -	\$1,000	81 -	SII	1,000	\$	
2 395 000	2 616 000	\$ 185,000	\$ -	\$ 6	196 000	\$	(2,039,
2,000,000 4	2,010,000	100,000	•	ų <u>u</u>	130,000	*	(2,000,
			~				
			~				
- \$	-	\$ 188,000	\$ -	\$	188,000	\$	
- 9	-	\$ -	\$ -	\$		\$	(2,639,
2,571,000	2,809,000	\$ 211,000	\$ -	\$ 5	591,000	\$11 1	(2,639,
210.000 \$	\$ 229,000	s -	S -	S	439.000	S	
		\$ 10,000	\$ -	s	-	S	(332
227,000 \$	247,000	\$ 26,000	\$ -	\$	500,000	\$	(332,
		¢ .	\$ 195,000	e	195 000	60	
				-			
				-			
		\$ -					
- 9	-	\$ 108,000	\$ -	\$	108,000	\$	
- 9	-	\$ -	\$ 163,000	\$	163,000	\$	
		\$ 2,000	\$ -	S			
- \$		\$ -	\$ -	\$	-	\$	(379
1,832,000 \$	2,002,000	\$ 581,000	\$ 7,011,000	\$ 11.	426,000	\$	(379
.,002,000							
.,002,000	10,291,000	\$ 1,186,000	\$ 7,011,000				
	1,374,000 (1786,000 (1896,	1,374,000 \$ 1,501,000 786,000 \$ 859,000 129,000 \$ 141,000 58,000 \$ 63,000 58,000 \$ 63,000 219,000 \$ 141,000 58,000 \$ 2,616,000 218,000 \$ 2,554,000 218,000 \$ 239,000 15,000 \$ 16,000 15,000 \$ 16,000 17,000 \$ 28,000 17,000 \$ 229,000 17,000 \$ 229,000 17,000 \$ 18,000 17,000 \$ 18,000 227,000 \$ 247,000 - \$ - \$ - \$ - \$ 448,000 \$ 490,000 448,000 \$ 490,000 448,000 \$ 470,000 559,000 \$ 621,000 162,000 \$ 177,000 230,000 \$ 621,000 162,000 \$ 177,000 230,000 \$ 621,000 162,000 \$ 177,000 230,000 \$ 621,000 162,000 \$ 177,000 230,000 \$ 621,000 162,000 \$ 177,000 230,000 \$ 621,000 162,000 \$ 177,000 230,000 \$ 621,000 162,000 \$ 177,000 230,000 \$ 621,000 162,000 \$ 177,000 230,000 \$ 621,000 162,000 \$ 177,000 230,000 \$ 621,000 162	1,374,000 \$ 1,501,000 \$ -786,000 \$ 52,000 \$ -786,000 \$ 63,000 \$ -786,000 \$ 63,000 \$ -786,000 \$ 63,000 \$ -786,000 \$ 63,000 \$ -786,000	1,374,000 \$ 1,501,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	1,374,000 \$ 1,501,000 \$ - \$ - \$ 2,786,000 \$ 859,000 \$ - \$ - \$ 5 1,480,000 \$ 141,000 \$ - \$ - \$ - \$ 5 1,480,000 \$ 141,000 \$ - \$ - \$ - \$ 5 1,480,000 \$ - \$ - \$ - \$ 1,480,000 \$ - \$ - \$ - \$ 1,480,000 \$ - \$ - \$ - \$ 1,480,000 \$ - \$ - \$ - \$ 1,480,000 \$ - \$ - \$ - \$ 1,480,000 \$ - \$ - \$ - \$ 1,480,000 \$ - \$ - \$ - \$ 1,480,000 \$ - \$ 1,480,000 \$ - \$ - \$ - \$ 1,480,000 \$ 1,480,000 \$ 1,480,000 \$ 1,480,000 \$ 1,480,	1,374,000 \$ 1,501,000 \$ - \$ - \$ 1,645,000 \$ 858,000 \$ - \$ - \$ 1,645,000 \$ 858,000 \$ - \$ - \$ 1,645,000 \$ 858,000 \$ - \$ - \$ 100,000 \$ 129,000 \$ 141,000 \$ 160,000 \$ - \$ 121,000 \$ 141,000 \$ 160,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ 123,000 \$ - \$ 121,000 \$ 123,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ - \$ 121,000 \$ 123,000 \$ 123,000 \$ - \$ 123,000 \$ - \$ 123,000 \$ 123,000 \$ - \$ 123,000 \$ - \$ 123,000 \$ 123,000 \$ - \$ 123,000 \$ - \$ 123,000 \$ 123,000 \$ - \$ 123,000 \$ - \$ 123,000 \$ 123,000 \$ 123,000 \$ - \$ 123,000 \$ - \$ 123,000 \$ 123,000 \$ - \$ 123,000 \$ 123,000 \$ - \$ 123,000 \$ 123,000 \$ 123,000 \$ - \$ 123,000 \$ 123,000 \$ 123,000 \$ - \$ 123,000 \$ 123,000 \$ 123,000 \$ - \$ 123,000	1,374,000 \$ 1,501,000 \$ - \$ - \$ 2,875,000 \$ 786,000 \$ 859,000 \$ - \$ - \$ 100,000 \$ 149,000 \$ 52,000 \$ - \$ - \$ 100,000 \$ 129,000 \$ 141,000 \$ 480,000 \$ - \$ 136,000 \$ - \$ 121,000 \$ 141,000 \$ 63,000 \$ - \$ 121,000 \$ 136,000 \$ - \$ 121,000 \$ 136,000 \$ - \$ 121,000 \$ 136,000 \$ - \$ 121,000 \$ 136,000 \$ - \$ 121,000 \$ 136,000 \$ - \$ 136,000 \$ - \$ 136,000 \$ - \$ 136,000 \$ - \$ 136,000 \$ - \$ 136,000 \$ - \$ 136,000 \$ - \$ 136,000 \$ - \$ 136,000 \$ - \$ 136,000 \$ - \$ 136,000 \$ - \$ 136,000 \$ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

¹ Asbestos removal estimates were provided by FPL and were not independently reviewed by BMcD.
² Site inventory costs and recoverable scrap of inventory estimates (10%) were provided by FPL and were not independently reviewed by BMcD.

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Table A-5 Manatee Power Plant Decommissioning Cost Summary

			Material ar		_						
tee Power Plant		Labor	Equipmer	ıt	D	Disposal	Environmental		Total Cost		Salvage
Unit 1											
Boiler	\$	3,532,000	\$ 3,859	,000	\$	-	\$ -	\$		\$	
Steam Turbine & Building	\$	1,274,000	\$ 1,392	,000	\$	-	\$ -	\$	2,666,000	\$	
Precipitator	\$		\$ 1,017		\$	-	\$ -	\$		\$	
Stack	\$	189,000	\$ 206	,000	\$	-	\$ -	\$		\$	
GSU & Foundation	\$	63,000	\$ 69	,000	\$n		\$ -	\$		\$	
On-site Concrete Crushing & Disposal	\$		\$		\$		\$ -	\$		\$	
Debris	\$		\$		\$	52,000	\$ -	\$		\$	
Scrap	\$		\$		\$	-	\$ -	\$,	\$	(5,313,0
Subtotal	\$	5,989,000	\$ 6,543	,000	\$	408,000	\$ -	\$	12,940,000	\$	(5,313,
Unit 2											
Boiler	\$	3,532,000	\$ 3,859	000	S		s -	9	7,391,000	S	
Steam Turbine & Building	\$		\$ 1,392		\$		\$ -	9		\$	
Precipitator	S		\$ 1,017		\$		\$ -	9		S	
Stack	S				\$		\$ -	9		S	
GSU & Foundation	\$				\$		\$ -	9		\$	
On-site Concrete Crushing & Disposal	S		\$		\$		\$ -	9		S	
Debris	s S		\$		\$		\$ -	9		\$	
Scrap	\$		\$		\$	52,000	\$ -	9		9	(5.313.
Subtotal	Š		\$ 6.543		\$	408.000	\$ -	5	·	Ψ	(5,313,
			,						, ,		
Unit 3											
GTs and HRSGs	\$,000			\$ -	\$			
Steam Turbine & Pedestal	\$		\$ 1,095		\$	-	\$ -	\$		\$	
SCR	\$	97,000	\$ 106	,000	\$	-	\$ -	\$	203,000	\$	
GSU & Electrical	\$	236,000	\$ 258	,000	\$	57,000	\$ -	\$	551,000	\$	
Stack	\$	116,000	\$ 127	,000	\$	-	\$ -	\$	243,000	\$	
On-site Concrete Crushing & Disposal	\$		\$	-	\$	174,000	S -	5	174,000	\$	
Scrap	\$	-	\$	-	\$	-	S -	5	-	\$	(4,909,
Subtotal	\$	4,418,000	\$ 4,828	,000	\$	231,000	\$ -	\$	9,477,000	\$	(4,909,
O											
Common Facilities							_				
Asbestos Removal	\$		\$		\$		\$ 15,00			\$	
Cooling Water Intakes and Circulating Water Pumps	\$				\$		\$ -	Ş		\$	
Roads	\$				\$		\$ -	\$		\$	
All BOP Buildings	\$				\$		\$ -	\$		\$	
Fuel Oil Storage Tanks	\$				\$	-	\$ -	\$		\$	
All Other Tanks	\$	58,000	\$ 64	,000	\$	-	\$ -	\$	122,000	\$	
Contaminated Soil Removal ²	\$	-	\$	-	\$	-	\$ 1,004,00	0 \$	1,004,000	\$	
Fuel Oil Storage Tank Cleaning	s		\$	-	S	_	\$ 6,937,00			s	
Fuel Oil Line Flushing/Cleaning	Š		\$		S		\$ 7,034,00			\$	
Settling Pond Closure	Š		\$		S		\$ 484,00			Sin	
Cooling Pond Closure	60		Sn .		S		\$n -	6		Sil	
On-site Concrete Crushing & Disposal	\$		\$		\$		\$ -	9		\$	
	S		\$		\$		\$ 344.00			S	
Seeding and Grading	s S		\$		\$						
Debris	\$		\$ ¢		\$	3,000	\$ -	\$		\$	(505
Scrap Subtotal	s		\$ 2,460	_	\$ \$	556,000	\$ 15,818,00	4	-	Ψ	(505,
Subtotal	\$	2,252,000	\$ 2,460	,000	Þ	556,000	\$ 15,010,00	U Ş	21,000,000	•	(505,
Manatee Power Plant Subtotal	\$	18,648,000	\$ 20,374	,000	\$	1,603,000	\$ 15,818,00	0 \$	56,443,000	\$	(16,040,
TOTAL COST (CREDIT)								\$	56,443,000	\$	(16,040
PROJECT INDIRECTS (5%)								\$	2,822,000		
CONTINGENGY (20%)								\$	11,289,000		
SITE INVENTORY COST (CREDIT) ³								5		s	(323.
TOTAL PROJECT COST (CREDIT)								\$			(16,363,
, ,										•	(10,363
TOTAL NET PROJECT COST (CREDIT)								\$	57,425,987		

¹ Asbestos removal estimates were provided by FPL and were not independently reviewed by BMcD.
2 As provided by FPL's from estimates prepared by their Environmental Group based on areas of known soil contamination that will require remediation at the time of project dismantlement.
3 Site inventory costs and recoverable scrap of inventory estimates (10%) were provided by FPL and were not independently reviewed by BMcD.

Florida Power & Light Company Docket No. 160021-EI **Staff's Forty-First Set of Interrogatories** Interrogatory No. 504 Attachment No. 2 Page 8 of 20

Table A-6 Martin Energy Center Decommissioning Cost Summary

Docket No. 160021-EI FPL 2016 Dismantlement Study (Corrected) Exhibit KF-4. Page 57 of 127

		Labor	Material and Equipment	Disposal	Environmental	Total Cost		Salvage
n Energy Center Unit 1								
Boiler	\$	3,553,000		\$ -	\$ -	\$ 7,435,000	\$	
Steam Turbine & Building	\$	1,482,000			\$ -	\$ 3,101,000		
Precipitator	\$	931,000			\$ -	\$ 1,948,000		
Stack CSU & Foundation	\$	189,000			s -	\$ 395,000		
GSU & Foundation On-site Concrete Crushing & Disposal	\$ \$	53,000			\$ - \$ -	\$ 177,000 \$ 311,000		
Debris	\$				\$ -	\$ 52,000		
Scrap	\$	- !	\$ -	\$ -	\$ -	\$ -	\$	(6,369,0
Subtotal	\$	6,208,000	\$ 6,782,000	\$ 429,000	\$ -	\$ 13,419,000	\$	(6,369,0
Unit 2								
Boiler	\$				\$ -	\$ 7,435,000		
Steam Turbine & Building	\$	1,482,000			\$ -	\$ 3,101,000		
Precipitator Stack	\$ \$	931,000 1 189,000			\$ - \$ -	\$ 1,948,000 \$ 395,000		
GSU & Foundation	\$ \$	53,000			\$ - \$	\$ 177,000	-	
On-site Concrete Crushing & Disposal	\$				\$ -	\$ 311,000		
Debris	\$	- :	\$ -	\$ 52,000	\$ -	\$ 52,000	\$	
Scrap	\$		Ψ		\$ -	\$ -	\$	(6,369,0
Subtotal	\$	6,208,000	\$ 6,782,000	\$ 429,000	\$ -	\$ 13,419,000) \$	(6,369,0
Unit 3								
GTs and HRSGs	\$				\$ -	\$ 2,890,000		
Steam Turbine & Pedestal SCR	\$ \$	420,000 1 48,000			\$ - \$ -	\$ 879,000 \$ 101,000		
GSU & Electrical	\$	120,000			\$ -	\$ 278,000		
Stack	\$				\$ -	\$ 129,000		
On-site Concrete Crushing & Disposal	\$	- :	\$ -		\$ -	\$ 90,000		
Debris	Sn .		-	-	\$1 -	S	\$	
Scrap	\$		Ψ		\$ -	\$ -	\$1	(2,508,0
Subtotal	\$1	2,031,000	\$ 2,220,000	\$ 116,000	\$ -	\$ 4,367,000	, \$	(2,508,0
Unit 4		4 970 000	f 4 F00 005	e.	•			
GTs and HRSGs Steam Turbine & Pedestal	\$ \$	1,378,000 5 406,000			\$ - \$ -	\$ 2,884,000 \$ 849,000		
SCR	\$	48,000			\$ -	\$ 101,000		
GSU & Electrical	\$	107,000			\$ -	\$ 245,000	\$	
Stack	\$				\$ -	\$ 129,000		
On-site Concrete Crushing & Disposal	\$				\$ -	\$ 90,000		
Debris Scrap	\$1		-		\$11 - S	\$1 -	\$1	(2.415.0
Subtotal	\$	2,001,000	Ψ	Ψ	Ψ	\$ 4,298,000	Ψ	(2,415,0
	ą.	2,001,000	2,100,000	3 111,000	-	\$ 4,230,000	, 4	(2,415,0
Unit 8 GTs and HRSGs	\$	2,971,000	\$ 3,246,000	\$ -	\$ -	\$ 6,217,000	s	
Steam Turbine & Pedestal	\$	887.000			\$ -	\$ 1.857.000		
SCR	s	97,000			\$ -	\$ 203,000		
GSU & Electrical	\$	174,000	\$ 190,000	\$ 53,000	\$ -	\$ 417,000	\$	
Stack	\$	116,000			\$ -	\$ 243,000		
Cooling Tower and Basin	\$	240,000			\$ -	\$ 502,000		
On-site Concrete Crushing & Disposal Debris	\$ \$				§ -	\$ 232,000 \$ 14,000		
Scrap	S		φ - \$ -	\$ 14,000	\$ -	\$ 14,000	Sn	(5,231,0
Subtotal	\$1	4,485,000	\$ 4,901,000	\$ 299,000	\$ -	\$ 9,685,000	\$	(5,231,0
SCC							<u> </u>	
Mirrors and Frames	\$	4,151,000	\$ 4,535,000	s -	Sn -	\$ 8,686,000	\$	
Hazardous Waste Disposal	\$			\$ 1,160,000	§n -	\$ 1,160,000		
On-site Concrete Crushing & Disposal	\$				\$ -	\$ 278,000		
Debris Seran	\$			\$ 205,000 \$ -	\$ - \$ -	\$ 205,000	Sn Sn	(4.000
Scrap Subtotal	\$	4,151,000	Ψ	Ψ	Ψ	\$ 10,329,000	_	(1,809,0
	ą.	4,151,000	4,555,000	3 1,043,000	-	\$ 10,323,000	, 4	(1,009,0
Common				•		41		
Asbestos Removal ¹	\$				\$ 241,000	241,000 68,000		
Switchyard and Substation Cooling Water Intakes and Circulating Water Pumps	\$ \$	21,000 S 1,188,000 S		\$ 24,000 \$ -	\$ - 6 -	\$ 68,000		
Roads	\$				Ķ I	\$ 3,059,000		
All BOP Buildings	\$	1,154,000	\$ 1,260,000	\$ -	\$ -	\$ 2,414,000		
Fuel Oil Storage Tanks	\$				\$ -	\$ 4,188,000		
All Other Tanks	\$				\$ -	\$ 150,000		
Contaminated Soil Removal	\$ \$				\$ 619,000 \$ 7,444,000	\$ 619,000 \$ 7,444,000		
Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning	\$				\$ 7,444,000 \$ 4,537,000	\$ 7,444,000		
Settling Pond Closure	\$				\$ 2,676,000	\$ 2,676,000		
On-site Concrete Crushing & Disposal	\$	- :	\$ -		\$ -	\$ 365,000		
Seeding and Grading	\$	- :	\$ -	\$ -	\$ 886,000	\$ 886,000		
Debris	\$			\$ 5,000 \$ -		\$ 5,000		(726.0
Scrap Subtotal	\$	5,395,000	Ψ	Ψ	\$ 16,403,000	\$ 29,138,000	\$1 S	(726,0
Martin Energy Center Subtotal	\$	30,479,000	\$ 33,300,000	\$ 4,473,000	\$ 16,403,000	\$ 84,655,000	\$	(25,427,0
TOTAL COST (CREDIT)						\$ 84,655,000	S ₁	(25,427,0
							_	, ,, .=.,,
PROJECT INDIRECTS (5%)						\$ 4,233,000		
CONTINGENCY (20%)						\$ 16,931,000)	
						\$ 7,775,115	s	(777,5
SITE INVENTORY COST (CREDIT) ²								
SITE INVENTORY COST (CREDIT) FOTAL PROJECT COST (CREDIT)						\$ 113,594,115		(26,204,5

Asbestos removal estimates were provided by FPL and were not independently reviewed by BMcD.
 Site inventory costs and recoverable scrap of inventory estimates (10%) were provided by FPL and were not independently reviewed by BMcD.

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Docket No. 160021-EI
FPL 2016 Dismantlement Study (Corrected)
le A-7
es Power Plant

Docket No. 160021-EI
FPL 2016 Dismantlement Study (Corrected)
Exhibit KF-4. Page 58 of 127

Table A-7 Port Everglades Power Plant Decommissioning Cost Summary

		Labor		Material and Equipment		Disposal		Environmental		Total Cost		Salvage
Port Everglades Power Plant												
Unit 5												
GTs and HRSGs	\$	2,646,000	\$		\$	-	\$	-	\$		\$	-
Steam Turbine & Pedestal	\$		\$	1,219,000	\$	-	\$	-	\$	2,335,000	\$	-
SCR	\$		\$	147,000	\$	-	\$	-	\$	282,000	\$	-
GSU & Electrical	\$		\$	208,000		79,000	\$	-	\$	478,000	\$	-
Stack	\$	95,000	\$	103,000	\$	-	\$	-	\$	198,000	\$	-
On-site Concrete Crushing & Disposal	\$	-	\$	-	\$	179,000	\$	-	\$	179,000	\$	-
Scrap	\$		\$		\$		\$	-	\$		\$	(4,986,000)
Subtotal	\$	4,183,000	\$	4,568,000	\$	258,000	\$	-	\$	9,009,000	\$	(4,986,000)
GTs 1-12												
Turbines & Foundations	\$	1,377,000	\$	1,504,000	\$	-	\$		\$	2,881,000	\$	
GSUs	\$	75,000	\$	82,000	\$	12,000	\$		\$	169,000	\$	
On-site Concrete Crushing & Disposal	\$	-	\$	-	\$	96,000	\$	-	\$	96,000	\$	-
Scrap	\$	-	\$	-	\$	-	\$	-	\$	-	\$	(1,931,000)
Subtotal	\$	1,452,000	\$	1,586,000	\$	108,000	\$	-	\$	3,146,000	\$	(1,931,000)
Common												
Auxiliary, Switchyard and Substation	S	67.000	\$	73.000	\$	51.000	S		\$	191.000	s	
Cooling Water Intakes and Circulating Water Pumps	S	144,000	s	157,000	S	-	s		S	301,000	s	
Roads	S	124,000	\$	135,000	\$	136,000	\$		S	395,000	\$	-
All BOP Buildings	\$	110,000	\$	120,000	\$		\$	_	\$	230,000	\$	-
Fuel Oil Storage Tanks	S	521,000	\$	570,000	\$	-	\$		S	1,091,000	\$	-
All Other Tanks	S	115,000	\$	125,000	\$	-	\$		S	240,000	\$	-
Contaminated Soil Removal	\$	-	\$		\$	-	\$	147,000	\$	147,000	\$	-
Fuel Oil Storage Tank Cleaning	S	-	\$	-	\$	-	\$	1,488,000	S	1,488,000	\$	-
Fuel Oil Line Flushing/Cleaning	S	-	\$	-	\$	-	\$	288,000	S	288,000	\$	-
On-site Concrete Crushing & Disposal	\$	-	\$	-	\$	66,000	\$	· ·	\$	66,000	\$	-
Seeding and Grading	\$	-	\$	-	\$	-	\$	228,000	\$	228,000	\$	-
Debris	S	-	S	-	S	5,000	\$		S	5,000	S	
Scrap	S	-	\$	-	\$	-	\$		s	-	\$	(377,000)
Subtotal	\$	1,081,000	\$	1,180,000	\$	258,000	\$	2,151,000	\$	4,670,000	\$	(377,000)
Port Everglades Subtotal	\$	6,716,000	\$	7,334,000	\$	624,000	\$	2,151,000	\$	16,825,000	\$	(7,294,000)
TOTAL COST (CREDIT)									\$	16,825,000	•	(7,294,000)
TOTAL GOOT (GREENT)										10,020,000	•	(7,234,000)
PROJECT INDIRECTS (5%)									\$	841,000		
CONTINGENGY (20%)									\$	3,365,000		
SITE INVENTORY COST (CREDIT) ¹									\$	230,928	\$	(23,093)
TOTAL PROJECT COST (CREDIT)									\$	21,261,928	s	(7,317,093)
											•	(.,,)
TOTAL NET PROJECT COST (CREDIT)									\$	13,944,835		

¹ Site inventory costs and recoverable scrap of inventory estimates (10%) were provided by FPL and were not independently reviewed by BMcD.

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Table A-8 Riviera Beach Power Plant Decommissioning Cost Summary

				aterial and						
		Labor	E	Equipment		Disposal	Environmental	1	otal Cost	 Salvage
a Beach Power Plant										
Unit 5										
GTs and HRSGs	\$	2,670,000	\$	2,917,000	\$	-	Sin -	\$	5,587,000	\$ -
Steam Turbine & Pedestal	\$	1,124,000	\$	1,229,000	\$	-	\$n 👚	\$	2,353,000	\$ -
SCR	\$	135,000	\$	147,000	\$	-	Sn 👚	\$	282,000	\$ -
GSU & Electrical	\$	181,000	\$	197,000	\$	41,000	\$	\$	419,000	\$ -
Stack	\$	95,000	\$1	103,000	\$	- 4	Si 🛖	Sin	198,000	\$ -
Cooling Tower and Basin	Sin	-	\$	-	\$	-	\$ -	\$10	-	\$ -
On-site Concrete Crushing & Disposal	\$	-	\$	-	\$		\$n -	\$	180,000	\$ -
Scrap	\$	-	\$	-	\$11		\$ +	\$	-	\$ (4,024,00
Subtotal	\$	4,205,000	\$	4,593,000	\$	221,000	\$ -	\$	9,019,000	\$ (4,024,00
Common										
Auxiliary, Switchyard and Substation	\$	20,000	\$	22,000	\$	-	Sn -	\$	42,000	\$ -
Cooling Water Intakes and Circulating Water Pumps	\$	58,000	\$	63,000	\$	-	Sin 👚	\$	121,000	\$ -
Roads	\$	126,000	\$	138,000	\$	138,000	\$1	\$	402,000	\$ -
All BOP Buildings	\$	508,000	\$	555,000	\$n	-	\$	\$	1,063,000	\$ -
Fuel Oil Storage Tanks	\$	104,000	\$	114,000	\$11	-	\$	\$	218,000	\$ -
All Other Tanks	\$	112,000	\$	122,000	\$n	-	\$	\$	234,000	\$
Contaminated Soil Removal	\$	-	\$	-	\$11	-	\$ 101,000	\$	101,000	\$ -
Fuel Oil Storage Tank Cleaning	\$	-	\$	-	\$	-	\$ 1,504,00 0	\$	1,504,000	\$ -
Fuel Oil Line Flushing/Cleaning	\$	-	\$	-	\$	-	144,00 ↑	\$	144,000	\$
On-site Concrete Crushing & Disposal	\$	-	\$	-	\$	51,000	Sn - A	\$	51,000	\$ -
Seeding and Grading	\$	-	\$	-	\$11	-	\$ 164,000	\$	164,000	\$ -
Debris	\$	-	\$	-	\$n	1,000	\$ -	\$	1,000	\$ -
Scrap	\$	-	\$	-	\$	-	\$ 1	\$	-	\$ (246,00
Subtotal	\$	928,000	\$	1,014,000	\$	190,000	\$ 1,913,000	\$	4,045,000	\$ (246,00
							_			
iviera Beach Power Plant Subtotal	\$1	5,133,000	\$	5,607,000	\$	411,000	\$ 1,913,000	\$	13,064,000	\$ (4,270,00
OTAL COST (CREDIT)								\$	13,064,000	\$ (4,270,00
PROJECT INDIRECTS (5%)								\$	653,000	
, ,										
CONTINGENGY (20%)								\$	2,613,000	
SITE INVENTORY COST (CREDIT) ¹								\$	1,170,262	\$ (117,02
TOTAL PROJECT COST (CREDIT)								\$	17,500,262	\$ (4,387,02
TOTAL NET PROJECT COST (CREDIT)								\$	13,113,236	

¹ Site inventory costs and recoverable scrap of inventory estimates (10%) were provided by FPL and were not independently reviewed by BMcD.

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> Docket No. 160021-EI FPL 2016 Dismantlement Study (Corrected) Exhibit KF-4. Page 60 of 127

Table A-9 St. Johns River Power Plant Decommissioning Cost Summary

Character Char			Labor	Material and Equipment	Disposal	Environmental	Total Cost	Salvage
Boler				_qupmon.	_ iopoui			Juliuge
Steam Tubine & Building \$ 1,516,000 \$ 1,520,000 \$ - \$ \$ 3,177,000 \$ \$ \$ \$ \$ \$ \$ \$ \$								
Prepatater								-
SCRPTGD \$ 1,059,000 \$ \$ 1,157,000 \$ \$ - \$ \$ \$ \$ 2,216,000 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$								
Southbers								
Shack \$ 7,000 \$ 8,000 \$. \$. \$ \$ 16,000 \$								
Cooling Tower & Basins								
GSU A Foundation The Comment of Crushing & Disposal S					-			-
On-site Concrete Crushing & Disposal Debris Sarge Sarg		<u> </u>					011,000	
Debris S S S S. 24,000								
Surph			-			Ψ .		
Substitution Subs		\$	- \$			\$ - 5	\$ 24,000	
Bole	·	\$	- \$			\$ - 3	-	4 (0).00
Boller	Subtotal	\$	8,165,000 \$	8,922,000	\$ 636,000	\$ - :	17,723,000	\$ (5,455
Steam Turbine & Building	Unit 2							
Steam Turbine & Building S 1,151,000 S 1,452,000 S S S 2,685,000 S SCRPEO S 1,693,000 S 1,402,000 S S S 2,685,000 S SCRPEO S 1,693,000 S 1,693,000 S 1,693,000 S S S 2,685,000 S S S S S S S S S		S	3.620.000 \$	3.955.000	s -	s - :	7.575.000	S
Precipitation SCR/FGD \$ 1,055,000 \$ 1,157,000 \$ - \$ \$ - \$ 2,655,000 \$ S SCR/FGD \$ 1,055,000 \$ 1,157,000 \$ - \$ \$ - \$ 2,215,000 \$ S SCR/FGD \$ 2,1000 \$ 2,216,000 \$ 1,220,000 \$ - \$ \$ - \$ \$ 4,90,000 \$ S SCR/FGD \$ 2,1000 \$ 2,240,000 \$ - \$ \$ - \$ \$ 4,90,000 \$ S SCR/FGD \$ 2,1000 \$ 2,240,000 \$ - \$ \$ - \$ \$ 4,90,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,257,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,257,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,257,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000 \$ 1,250,000 \$ 1,250,000 \$ 1,250,000 \$ S SCR/FGD \$ 3,240,000 \$ 1,250,000	Steam Turbine & Building							
SCRF6D								
Secretabers S 219,000 S 240,000 S S S 5 55,000 S S S 5 55,000 S S S S S S S S S								
Stack								
Cooling Tower & Basins					-	-		
GSU & Foundation								
Construction Control Contr								
Debris Scrap S S S S S S S S.								
Script S. S. S. S. S. S. S. S								
Subtotal Subtotal Subtota		\$						
Handling		3	Ψ		-	Ψ		
Demoillion Sinitial 10,000	Subtotal	v	0,100,000 \$	0,322,000	000,000		11,123,000	(0,40)
Limestone Handling Facilities \$ \$65,000 \$ \$ \$60,000 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Handling							
On-site Concrete Crushing & Disposal S	Demolition	\$	1,613,000 \$	1,762,000	\$ -	\$ - 5	3,375,000	\$
Debris Scrap S	Limestone Handling Facilities	\$	555,000 \$	606,000		\$ - 5	1,161,000	\$
Debris Scrap S	On-site Concrete Crushing & Disposal	\$	- \$		\$ 434,000	s - :	134,000	\$
Scrap S	Debris	S	- \$	- 1		s - :	33,000	S
Common Auxiliary, Switchyard and Substation Cooling Water Intakes and Circulating Water Pumps S 127,0000 \$ 36,0000 \$ 5 - \$ 26,5000 \$ 80,0000 \$ 80,	Scrap	\$	- \$		S -	s - :	-	\$ (64
Auxiliary Switchyard and Substation Society Auxiliary Switchyard and Substation Society Soci	Subtotal	\$	2,168,000 \$	2,368,000	\$ 157,000	\$ - :	4,693,000	\$(64
Auxiliary Switchyard and Substation Society Auxiliary Switchyard and Substation Society Soci	0			_				
Cooling Water Intakes and Circulating Water Pumps S 128/1000 S 138/1000 S 148/1000		60	40:000 \$	44.000	\$1 34,000	Sn - 6	418,000	Sn
Roads All BOP Buildings \$ \$ \text{tightings} \$ \text{tightings} \$ \$ \tex		s				s - 9	(
All BOP Buildings Fuel Oil Storage Tanks S								
Fuel Oil Storage Tanks								
All Other Tanks								
Contaminated Soil Removal		-				Ψ .		-
Fuel Oil Storage Tank Cleaning								-
Fuel Oil Line Flushing/Cleaning								
Plant Washdown & Materials Disposal S								
Closure of Limestone Area \$ - \$ - \$ - \$ 44,550,000 \$ 44,550,000 \$ Closure of Limestone Area \$ - \$ - \$ - \$ 153,000 \$ 153,000 \$ 153,000 \$ Closure of Closure of Stormwater and Wastewater Ponds \$ - \$ - \$ - \$ 153,000 \$ 153,000 \$ Closure of Closure of Other Ponds \$ - \$ - \$ - \$ 21666,000 \$ 21666,000 \$ Closure of C								
Closure of Limestone Area S								
Closure of Stormwater and Wastewater Ponds Closure of Other Ponds S - S - S - S - S - S - S - S - S - S -	Closure of Ash Landfill	\$	- \$	<u>♣</u>	\$ -	\$ 44,550,000 \$	\$ 44,550,000	\$
Closure of Other Ponds	Closure of Limestone Area	\$	- \$	-	\$ -	\$ 153,000 \$	153,000	\$
Closure of Other Ponds Groundwater Monitoring Installation On-site Concrete Crushing & Disposal Seeding and Grading S-S-S-S-S-S-S-S-S-S-S-S-S-S-S-S-S-S-S-	Closure of Stormwater and Wastewater Ponds	\$	- S		\$ -	\$ 733,000	733,000	\$
Groundwater Monitoring Installation \$ - \$ 388,000 \$ 388,000 \$ 00-site Concrete Crushing & Disposal \$ - \$ 105,000 \$ - \$ 105,000 \$ 5 5-50								\$
On-site Concrete Crushing & Disposal Seeding and Grading Seeding Seedi		S						\$
Seeding and Grading S								
Debris Scrap S - S - S - S - S - S - S - S - S - S					Ψ,			
Scrap								
Subtotal \$ 2,217,000 \$ 2,422,000 \$ 999,000 \$ 49,903,000 \$ 55,541,000 \$ (496,000) St. Johns River Power Plant Subtotal \$ 20,715,000 \$ 22,634,000 \$ 49,903,000 \$ 95,680,000 \$ (11,476,000) TOTAL COST (CREDIT) \$ 95,680,000 \$ 4,784,000 \$ 4,784,000 \$ 4,784,000 PROJECT INDIRECTS (5%) \$ 19,136,000 \$ 19,136,000 \$ 19,136,000		S	- S	-	\$ -	S - 5	5,500	
St. Johns River Power Plant Subtotal \$ 20,715,000 \$ 22,634,000 \$ 2,428,000 \$ 49,903,000 \$ 95,680,000 \$ (11,470	·	S	2,217,000 \$	2,422,000	\$ 999,000	\$ 49,903,000	55,541,000	4 (
TOTAL COST (CREDIT) S 95,680,000 \$ (11,470 PROJECT INDIRECTS (5%) \$ 4,784,000 CONTINGENGY (20%) \$ 19,136,000 S				_,,_	,-30	,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. (100
PROJECT INDIRECTS (5%) \$ 4,784,000 CONTINGENGY (20%) \$ 19,136,000	St. Johns River Power Plant Subtotal	\$	20,715,000 \$	22,634,000	\$ 2,428,000	\$ 49,903,000	95,680,000	\$ (11,470
CONTINGENGY (20%) \$ 19,136,000						:	95,680,000	\$ (11,470
	TOTAL COST (CREDIT)							
TOTAL PROJECT COST (CREDIT) \$ 119,600,000 \$ (11,470)						:	4,784,000	
	PROJECT INDIRECTS (5%)							

¹ As provided by FPL's from estimates prepared by their Environmental Group based on areas of known soil contamination that will require remediation at the time of project dismantlement.

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Table A-10 Sanford Energy Center Decommissioning Cost Summary

				Material and								
		Labor		Equipment		Disposal	Environme	ntal		Total Cost		Salvage
ford Energy Center												
Unit 4 GTs and HRSGs	s	2,739,000	s	2.992.000	s		s		S	5.731.000	S	
Steam Turbine & Pedestal	s S	925.000	\$	1.010.000	S	-	\$	-	S	1.935.000	\$	-
SCR	\$	97.000	\$	106.000	\$	-	s s	-	S	203.000	S	-
GSU & Electrical	s		\$	168.000	\$	37.000	\$		S	359,000	S	-
Stack	\$		\$		S	37,000	\$	-	\$		\$	-
Cooling Tower	\$	116,000 18,000	\$	127,000 20,000	\$	-	\$	-	\$	243,000 38,000	\$	-
	\$	10,000		20,000		400.000		-	S		\$	-
On-site Concrete Crushing & Disposal Scrap	\$	-	\$	-	\$	180,000	\$	-	5	180,000	\$	(4,248,00)
Subtotal	s	4,049,000	\$	4 402 000	\$	247-000	\$	÷	\$	0.000.000	Ψ	
Subtotal	\$	4,049,000	Þ	4,423,000	Þ	217,000	*	_	Þ	8,689,000	Þ	(4,248,00
Unit 5												
GTs and HRSGs	S	2,739,000	\$	2.992.000	S		s		S	5.731.000	S	
Steam Turbine & Pedestal	Š	914.000	\$	999,000	S		\$		S	1,913,000	S	
SCR	Š		\$	106.000	S		s		S	203.000	S	
GSU & Electrical	S	149.000	\$	163.000	\$	37.000	S		S	349.000	S	
Stack	S	116,000	\$	127,000	\$	37,000	s		S	243,000	S	
Cooling Tower	s	18,000	\$	20,000	\$		S		s	38,000	S	
On-site Concrete Crushing & Disposal	\$	10,000	\$	20,000	\$	180,000	\$	-	\$	180,000	\$	-
Scrap	\$	-	\$	-	\$	100,000	\$	-	9	100,000	S	(4.235.00
Subtotal	s	4,033,000	\$	4,407,000	\$	217,000	\$	÷	\$	8,657,000	\$	(),
Subtotal	Þ	4,033,000	Þ	4,407,000	Þ	217,000	*	_	Þ	0,057,000	Þ	(4,235,00
Common												
Asbestos Removal ¹	s		s		S		S 5	50.000	S	50.000	S	
Switchyard and Substation	s S	25.000	\$	27.000	\$	35.000	\$	30,000	S	87,000	S	
Cooling Water Intakes and Circulating Water Pumps	s S		\$	37.000	\$	33,000	\$		S	71,000	S	-
	s		\$		\$	463.000	\$		S		s	-
Roads	» S	422,000		461,000	\$	463,000	\$	-	S	1,346,000	-	-
All BOP Buildings	-	166,000	\$	182,000		-	-	-		348,000	\$	-
Fuel Oil Storage Tanks	\$	329,000	\$	359,000	\$	-	\$	-	\$	688,000	\$	-
All Other Tanks	\$	45,000	\$	49,000	\$	-	\$	-	\$	94,000	\$	-
Contaminated Soil Removal	\$	-	\$	-	\$	-		67,000	\$	167,000	\$	-
Fuel Oil Storage Tank Cleaning	\$	-	\$	-	\$	-		66,000	\$	2,566,000	\$	-
Fuel Oil Line Flushing/Cleaning	\$	-	\$	-	\$	-		32,000	\$	282,000	\$	-
Settling Pond Closure	\$	-	\$	-	\$	-	\$ 24	44,000	\$	244,000	\$	-
On-site Concrete Crushing & Disposal	\$	-	\$	-	\$	26,000	\$	-	\$	26,000	\$	-
Seeding and Grading	S	-	\$	-	\$	-	\$ 35	51,000	\$	351,000	\$	-
Debris	S	-	\$	-	\$	2,000	\$	-	S	2,000	\$	-
Scrap	\$	_	\$	-	\$	-	\$	-	s	-	\$	(375,00
Subtotal	\$	1,021,000	\$	1,115,000	\$	526,000	\$ 3,66	000,00	\$	6,322,000	\$	(375,00
Sanfard Energy Contar Subtatal	Śı	9,103,000	\$1	9,945,000	S	960,000	\$ 3,66	60,000	\$	23,668,000	\$	(8,858,000
Sanford Energy Center Subtotal	140	9,103,000	φ	9,945,000	9	960,000	3,00	30,000	ą	23,668,000	ą	(0,000,00
TOTAL COST (CREDIT)									\$	23,668,000	\$	(8,858,00
PROJECT INDIRECTS (5%)									\$	1,183,000		
PROJECT INDIRECTS (3/6)									÷	1,103,000		
CONTINGENGY (20%)									\$	4,734,000		
SITE INVENTORY COST (CREDIT) ²									\$1	1,859,119	\$	(185,91
TOTAL PROJECT COST (CREDIT)									\$	31,444,119	\$	(9,043,91
TOTAL NET PROJECT COST (CREDIT)									\$	22,400,207		
									-	,,_0,		

<sup>Asbestos removal estimates were provided by FPL and were not independently reviewed by BMcD.
Site inventory costs and recoverable scrap of inventory estimates (10%) were provided by FPL and were not independently reviewed by BMcD.</sup>

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Table A-11 Scherer Power Plant Decommissioning Cost Summary

Steam Turbine & Building Precipitary SciR SciR SciR Sign Baghouse Stacks Stacks Stacks Stooling Towers & Basin GSU & Foundation On-site Concrete Crushing & Disposal Debris Scrap Subtotal Sign Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Scrap Subtotal Sign Debris Scrap Subtotal Sign Debris Scrap Subtotal Sign Debris Scrap Sign S	,520,000 \$,554,000 \$,554,000 \$,559,000 \$,599,000 \$,599,000 \$,570,0	449,000 231,000 75,000 1,329,000 280,000 1,369,000 287,000 247,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	00,000 00,000 00,000 00,000 00,000 00,000 00,000 00,000 00,000 00,000 00,000 00,000 00,000 00,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total Cost 10,504,000 3,635,000 1,169,000 685,000 405,000 405,000 802,000 22,387,000 2,333,000 492,000 2,333,000 492,000 14,571,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(7,274,4 (7,274,4 (897,4
Unit 4 Boller Steam Turbine & Building Precipitator SCR SCR SCR FGD Baghouse Stacks Conling Towers & Basin GSU & Foundation On-site Concrete Crushing & Disposal Debris Scrap Subtotal Finalding Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Stacks Scrap Subtotal Fandling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Scrap Subtotal Finalding Demolition Signary Scrap	.584,000 \$ 503,0	2,071,000 666,000 2,106,000 2,106,000 449,000 231,000 75,000 1,329,000 280,000 1,500,000 217,000		802,000 37,000 - 905,000 - 33,000 70,000 - 103,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,635,000 1,169,000 3,696,000 685,000 405,000 488,000 802,000 37,000 22,387,000 2,333,000 492,000 2,928,000 2,928,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(7,274, (
Boiler Steam Turbine & Building Precipitator SCR 66D Baghouse Stacks Cooling Towers & Basin GSU & Foundation On-site Concrete Crushing & Disposal Debris Scrap Subtotal Handling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Debris Scrap Subtotal \$ 9 Handling Demolition S 1 Limestone Handling Facilities On-site Concrete Crushing & Disposal Scrap Subtotal S 2 S 3 Subtotal S 3 S 4 S 4 S 5 S 5 S 5 S 5 S 5 S 5	.584,000 \$ 503,0	2,071,000 666,000 2,106,000 2,106,000 449,000 231,000 75,000 1,329,000 280,000 1,500,000 217,000		802,000 37,000 - 905,000 - 33,000 70,000 - 103,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,635,000 1,169,000 3,696,000 685,000 405,000 488,000 802,000 37,000 22,387,000 2,333,000 492,000 2,928,000 2,928,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(7,274,)
Steam Turbine & Building Precipitator SCR SCR SCR SI Baghouse Stacks Scoling Towers & Basin GSU & Foundation On-site Concrete Crushing & Disposal Debris Scrap Subtotal Handling Demolition Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Debris Scrap Subtotal Timestone Handling Facilities On-site Concrete Crushing & Disposal Debris Scrap Subtotal Tomonon Auxiliary, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks All Other Tanks All Other Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Flant Washdown & Materias Disposal (Unit 4)	.584,000 \$ 503,0	2,071,000 666,000 2,106,000 2,106,000 449,000 231,000 75,000 1,329,000 280,000 1,500,000 217,000		802,000 37,000 - 905,000 - 33,000 70,000 - 103,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,635,000 1,169,000 3,696,000 685,000 405,000 488,000 802,000 37,000 22,387,000 2,333,000 492,000 2,928,000 2,928,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(7,274,
Precipitator SCR SCR FGD Baghouse Stacks Cooling Towers & Basin GSU & Foundation On-site Concrete Crushing & Disposal Debris Scrap Subtotal Handling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Debris Scrap Subtotal Fuendling Demolition Signar Subtotal Common Auxiliary, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Line Flushing/Cleaning Flant Wathdown & Materias Disposal (Unit 4)	503,000 \$,500,000 \$ 286,000 \$ 339,000 \$ 379,000 \$ 57,000	1,329,000 2,160,000 231,000 275,000 275,000 280,000 280,000 1,329,000 280,000 280,000 280,000 280,000 1,500,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	802,000 37,000 - 905,000 - 33,000 70,000 - 103,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,169,000 3,696,000 788,000 485,000 488,000 802,000 37,000 22,387,000 2,333,000 492,000 33,000 492,000 34,000 492,000 492,000 492,000 492,000 492,000 492,000 492,000 492,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(7,274,
SCR FGD Baghouse Stacks Cooling Towers & Basin GSU & Foundation On-site Concrete Crushing & Disposal Debris Scrap Subtotal Handling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Debris Scrap Substotal Timestone Handling Facilities On-site Concrete Crushing & Disposal Debris Scrap Subtotal Tomorn Auxiliany, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other T	,590,000 \$ 286,000 \$ 339,000 \$ 774,000 \$ 57,000	2,106,000 2,106,000 449,000 231,000 75,000 75,000 1,329,000 1,609,000 217,000 229,000 1,500,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	802,000 37,000 - 905,000 - 33,000 70,000 - 103,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,696,000 665,000 788,000 405,000 405,000 488,000 37,000 37,000 2,333,000 492,000 33,000 492,000 33,000 492,000 492,000 492,000 492,000 492,000 492,000 492,000 492,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(7,274 ,
Baghouse Stacks Stacks Cooling Towers & Basin GSU & Foundation On-site Concrete Crushing & Disposal Debris Scrap Subtotal Handling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Subtotal Fuending Demolition S Stack S Subtotal S Subtotal Common Auxiliary, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Storage Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Storage Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Storage Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Line Flushing/Cleaning Flush Waterdown & Materias Disposal (Unit 4)	286,000 \$ 339,000 \$ 173,00	12;239,000 1,329,000 1,329,000 1,609,000 229,000 229,000 1,500,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	802,000 37,000 - 905,000 - 33,000 70,000 - 103,000	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$65,000 788,000 405,000 488,000 802,000 37,000 2,333,000 492,000 33,000 492,000 3,000 492,000 443,000	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	(7,274 ,
Baghouse Stacks Cooling Towers & Basin GSU & Foundation On-site Concrete Crushing & Disposal Debris Scrap Subtotal Handling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Debris Scrap Subtotal Limestone Handling Facilities On-site Concrete Crushing & Disposal Debris Scrap Subtotal Common Auxiliany: Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Flant Washdown & Materias Disposal (Unit 4)	339,000 \$ 174,000 \$ 174,000 \$ 57,000 \$ 57,000 \$ 243,000 \$,004,000 \$ 212,000 \$,004,000 \$ 133,000 \$ 173,000 \$ 173,000 \$ 0,009,000 \$	449,000 231,000 75,000 1,329,000 280,000 1,369,000 287,000 247,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	802,000 37,000 - 905,000 - 33,000 70,000 - 103,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	788,000 405,000 488,000 198,000 802,000 37,000 2,333,000 492,000 33,000 70,000 2,928,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(7,274 ,
Stacks Cooling Towers & Basin SS Us Foundation On-site Concrete Crushing & Disposal Debris Scrap Subtotal Handling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Scrap Subtotal Final Concrete Crushing & Disposal Debris Scrap Subtotal ST 1 Common Auxiliary, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Flant Washdown & Materiab Bisposal (Unit 4)	174,000 \$ 210,000 \$ 57,000 \$ 5	231,000 278,000 75,000 12,239,000 1,329,000 280,000 1,609,000	\$ \$ \$ \$ \$ \$ \$ \$ \$	802,000 37,000 - 905,000 - 33,000 70,000 - 103,000	\$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	405,000 488,000 802,000 37,000 22,387,000 2,333,000 492,000 30,000 2,000 2,928,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(7,274 ,
Cooling Towers & Basin GSU & Foundation On-site Concrete Crushing & Disposal Debris Scrap Subtotal Handling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Scrap Subtotal Image: Scrap Subtotal Scrap Subtotal Subtotal Subtotal Subtotal Scrap Subtotal Subto	210,000 \$ 57,000 \$ 57,000 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	278,000 75,000 12,239,000 1,329,000 280,000 1,609,000 217,000 229,000	\$	802,000 37,000 - 905,000 - 33,000 70,000 - 103,000	\$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	488,000 198,000 802,000 37,000 22,387,000 492,000 33,000 70,000 2,928,000	\$ \$ \$ \$ \$ \$ \$ \$ \$	(7,274 ,
GSU & Foundation On-site Concrete Crushing & Disposal Debris Scrap Subtotal Handling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Debris Scrap Subtotal Image: Concrete Crushing & Disposal Debris Scrap Subtotal Common Auxiliary, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks All Other Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Flant Washdown & Materias Disposal (Unit 4)	57,000 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	75,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	802,000 37,000 - 905,000 - 33,000 70,000 - 103,000	\$ \$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	198,000 802,000 37,000 - 22,387,000 492,000 33,000 492,000 2,928,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(7,274
On-site Concrete Crushing & Disposal Debris Scrap Subtotal ### Additional Concrete Crushing & Disposal Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Debris Scrap Subtotal #### Additional Common Auxiliary, Switchyard and Substation Asbestos Removal Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks Fuel Oil Storage Tank Cleaning Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Flant Washdown & Materias Disposal (Unit 4)	,004,000 \$,004,000 \$,212,000 \$,- \$,216,000 \$,133,000 \$,133,000 \$,133,000 \$,0069,000 \$	12;239,000 1,329,000 280,000 1,609,000 217,000 229,000	\$ \$ \$ \$ \$ \$ \$ \$ \$	802,000 37,000 - 905,000 - 33,000 70,000 - 103,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	802,000 37,000 - 22,387,000 2,333,000 492,000 33,000 70,000 - 2,928,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(7,274
Debris Scrap Subtotal ### Andling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Debris Scrap Subtotal #### Authoris	- \$ 243,000 \$	12,239,000 1,329,000 280,000 1,609,000 217,000 229,000 1,500,000	\$ \$ \$ \$ \$ \$ \$	37,000 - 905,000 - - 33,000 70,000 - 103,000	\$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$	37,000 22,387,000 2,333,000 492,000 33,000 70,000 2,928,000	\$ \$ \$ \$ \$ \$ \$ \$ \$	(7,274
Scrap Subtotal Handling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Debits Scrap Subtotal Common Auxiliary, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Flush Water Advows & Materials Disposal (Unit 4)	- \$ 243,000 \$	1,329,000 280,000 - - - 1,609,000 217,000 - 229,000	\$ \$ \$ \$ \$ \$	905,000 - 33,000 70,000 - 103,000	\$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	22,387,000 2,333,000 492,000 33,000 70,003 2,928,000	\$ \$ \$ \$ \$	(7,274
Subfotal Bandling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Debnis Scrap Subtotal Common Auxiliary: Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks All Other Tanks All Other Tanks Fuel Oil Storage Tank Cleaning Fuel Oil Une Flushing/Cleaning Fuel Oil Une Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Flant Washdown & Materias Disposal (Unit 4)	,004,000 \$ 212,000 \$ 212,000 \$ 212,000 \$ 3	1,329,000 280,000 - - - 1,609,000 217,000 - 229,000	\$ \$ \$ \$ \$	33,000 70,000 -	\$ \$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$	2,333,000 492,000 33,000 70,000 - 2,928,000	\$ \$ \$ \$ \$ \$ \$ \$	(7,274 ,
Handling Demolition Limestone Handling Facilities On-site Concrete Crushing & Disposal Scrap Subtotal Common Auxiliary, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Unie Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Flat Washdown & Materias Disposal (Unit 4)	,004,000 \$ 212,000 \$ - \$ - \$,216,000 \$ 164,000 \$ 173,000 \$,133,000 \$,069,000 \$	1,329,000 280,000 - - - 1,609,000 217,000 - 229,000	\$ \$ \$ \$ \$ \$	33,000 70,000 -	\$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$	2,333,000 492,000 33,000 70,000 - 2,928,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(897,
Demolition \$ 1 Limestone Handling Facilities \$ 5 On-site Concrete Crushing & Disposal \$ 5 Debts \$ 5 Scrap \$ 5 Subtotal \$ 1 Common Auxiliary, Switchyard and Substation \$ 5 Asbestos Removal \$ 5 Cooling Water Intakes and Circulating Water Pumps \$ 6 Roads \$ 1 Fuel Oil Storage Tanks \$ 1 Limes Contaminated Soil Removal \$ 1 Fuel Oil Storage Tank Cleaning \$ 1 Fuel Oil Line Flushing/Cleaning \$ 1 Flant Washdown & Materials Disposal (Unit 4) \$ 1	212,000 \$ - \$ - \$ - \$,216,000 \$ 164,000 \$ 173,000 \$,133,000 \$,069,000 \$	280,000 - 1,609,000 217,000 229,000 1,500,000	\$ \$ \$ \$ \$ \$ \$ \$	33,000 70,000 - 103,000	\$ \$ \$ \$ \$ \$		\$ \$ \$ \$	492,000 33,000 70,000 - 2,928,000	\$ \$ \$ \$ \$ \$	(001
Limestone Handling Facilities On-site Concrete Crushing & Disposal Debris Scrap Subtotal S Subtotal S Common Auxiliary, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Storage Tank Cleaning Fuel Oil Istorage Tank Cleaning Fuel Oil Storage Tank Cleaning Fuel Oil Istorage Tank Cleaning Fuel Oil Storage Tank Cleaning Fuel Oil Storage Tank Cleaning Fuel Oil Storage Tank Cleaning Fuel Oil Istorage Tank Cleaning	212,000 \$ - \$ - \$ - \$,216,000 \$ 164,000 \$ 173,000 \$,133,000 \$,069,000 \$	280,000 - 1,609,000 217,000 229,000 1,500,000	\$ \$ \$ \$ \$ \$ \$ \$	33,000 70,000 - 103,000	\$ \$ \$ \$ \$ \$		\$ \$ \$ \$	492,000 33,000 70,000 - 2,928,000	\$ \$ \$ \$ \$ \$	(001)
On-site Concrete Crushing & Disposal Debris Scrap Subtotal Common Auxiliary, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks All Other Tanks Fuel Oil Storage Tank Cleaning Fuel Oil Storage Tank Cleaning Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Flant Washdown & Materias Disposal (Unit 4)	- \$ - \$,216,000 \$ 164,000 \$ - \$ 173,000 \$,133,000 \$	1,609,000 217,000 - 229,000 1,500,000	\$ \$ \$ \$	33,000 70,000 - 103,000	\$ \$		\$ \$ \$ \$	33,000 70,000 - 2,928,000 443,000	\$11 \$11 \$ \$	(001)
On-site Concrete Crushing & Disposal Debris Scrap Subtotal Common Auxiliary, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks All Other Tanks Fuel Oil Storage Tank Cleaning Fuel Oil Storage Tank Cleaning Fuel Oil Storage Tank Cleaning Fuel Oil Une Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Flant Washdown & Materias Disposal (Unit 4)	- \$,216,000 \$ 164,000 \$ - \$ 173,000 \$,133,000 \$,069,000 \$	1,609,000 217,000 - 229,000 1,500,000	\$ \$	103,000	\$ \$		\$	2,928,000 443,000	\$ \$	(001
Debris Scrap Scrap Subtotal Common Auxiliary, Switchyard and Substation Absestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks Scontaminated Soil Removal Fuel Oil Istorage Tank Cleaning	- \$,216,000 \$ 164,000 \$ - \$ 173,000 \$,133,000 \$,069,000 \$	1,609,000 217,000 - 229,000 1,500,000	\$ \$	103,000	\$ \$		\$	2,928,000 443,000	\$ \$	(001
Scrap Subtotal Common Auxiliary, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks All Other Tanks Fuel Oil Storage Tank Cleaning Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Flant Washdown & Materias Disposal (Unit 4)	,216,000 \$ 164,000 \$ - \$ 173,000 \$,133,000 \$,069,000 \$	217,000 - 229,000 1,500,000	\$	103,000	\$		\$	2;928;000 443;000	\$ \$	(001
Subtotal Common Auxiliary, Switchyard and Substation Asbestos Removal Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fluel Oil Storage Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Flant Washdown & Materials Disposal (Unit 4)	164,000 \$ - \$ 173,000 \$,133,000 \$,069,000	217,000 - 229,000 1,500,000	\$ \$		\$n		\$1	443,000	\$n	(897,
Auxiliary, Switchyard and Substation Asbestos Removal Substation Six Substation	- \$ 173,000 \$,133,000 \$,069,000	229,000 1,500,000	\$	62,000		14,571,000				
Auxiliary, Switchyard and Substation Asbestos Removal S Cooling Water Intakes and Circulating Water Pumps Roads All BOP Buildings Fuel Oil Storage Tanks All Other Tanks S Contaminated Soil Removal Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Fuel Oil Line Flushing/Cleaning Flant Washdown & Materials Disposal (Unit 4)	- \$ 173,000 \$,133,000 \$,069,000	229,000 1,500,000	\$	62,000		14,571,000				
Asbestos Removal	- \$ 173,000 \$,133,000 \$,069,000	229,000 1,500,000	\$	(62,000)		14,571,000				
Cooling Water Intakes and Circulating Water Pumps Roads \$ 1 All BOP Buildings Fuel Oil Storage Tanks All Other Tanks \$ Contaminated Soil Removal Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Plant Washdown & Materials Disposal (Unit 4) \$ 5	173,000 \$,133,000 \$,069,000	1,500,000	\$	-	\$	14,571,000	\$	14,571,000		
Roads \$ 1 All BOP Buildings \$ 1 Fuel Oil Storage Tanks \$ 1 Other Tanks \$ S Contaminated Soil Removal \$ 5 Fuel Oil Storage Tank Cleaning \$ 5 Fuel Oil Line Flushing/Cleaning \$ 9 Plant Washdown & Materials Disposal (Unit 4)	,133,000 \$	1,500,000							φ	
All BOP Buildings Fuel Oil Storage Tanks All Other Tanks Contaminated Soil Removal Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Flant Washdown & Materials Disposal (Unit 4)	,069,000		S	-	\$	-	\$	402,000	\$	
Fuel Oil Storage Tanks \$ All Other Tanks \$ All Other Tanks \$ Contaminated Soil Removal \$ Fuel Oil Storage Tank Cleaning \$ Fuel Oil Line Flushing/Cleaning \$ Plant Washdown & Materials Disposal (Unit 4) \$		4 445 000		1,506,000	\$	-	\$	4,139,000	\$	
All Other Tanks \$ Contaminated Soil Removal \$ Fuel Oil Storage Tank Cleaning \$ Fuel Oil Line Flushing/Cleaning \$ Plant Washdown & Materials Disposal (Unit 4) \$		1,415,000	\$	-	\$	-	\$	2,484,000	\$	
Contaminated Soil Removal Fuel Oil Storage Tank Cleaning Fuel Oil Line Flushing/Cleaning Plant Washdown & Materials Disposal (Unit 4)	163,000	216,000	\$	-	\$	-	\$	379,000	-\$	
Fuel Oil Storage Tank Cleaning \$ Fuel Oil Line Flushing/Cleaning \$ Plant Washdown & Materials Disposal (Unit 4) \$	153,000 \$	202,000	\$	-	\$	-	\$	355,000	\$	
Fuel Oil Line Flushing/Cleaning \$ Plant Washdown & Materials Disposal (Unit 4) \$	- \$	-	\$	-	\$	16,000	\$	16,000	\$	
Plant Washdown & Materials Disposal (Unit 4) \$	- \$	-	\$	-	\$	119,000	\$	119,000	\$	
	- \$	-	\$	-	\$	1,200,000	\$	1,200,000	\$	
Closure of Ash Ponds and Landfills	- S		S	-	\$	248,000	S	248,000	S	
	- S	_	s	-	S		s	107.992.000	s	
Closure of Other Ponds \$	- S		\$		\$	2,514,000	S	2.514.000	S	
Limestone Area Closure \$	- 8	_	S		S		S	167,000	s	
Groundwater Monitoring Installation \$	- S	_	\$	_	\$		S	1,823,000	s	
On-site Concrete Crushing & Disposal \$	- S	_	\$	172,000	\$.,	S	172,000	\$	
Seeding and Grading \$	- S	_	Sn	.,2,000	S	2.097.000	S	2,097,000	Sn	
Debris S	- S		S	7.000	S	2,037,000	Sn	7.000	Sn	
Scrap	- \$		S	7,000	S		Sil	7,000	Sn	(1.458
	,855,000 \$	3,779,000		1,747,000	Sil	130,747,000	\$	139,128,000	_	(1,458,
Subtotal	,000,000 	5,775,000	•	1,747,000	ψ	100,141,000	*	100,120,000		(1,400
Scherer Power Plant Subtotal \$ 13	,314,000 \$	17,627,000	\$	2,755,000	\$	130,747,000	\$	164,443,000	\$	(9,629,
TOTAL COST (CREDIT)							\$	164,443,000	\$	(9,62
PROJECT INDIRECTS (5%)							\$	8,222,000		
CONTINGENGY (20%)		1					\$	32,889,000		
TOTAL PROJECT COST (CREDIT)							\$	205,554,000	\$11	(9,629
(TOTAL NET PROJECT COST (CREDIT)							S	195,925,000		

¹ Asbestos removal estimates were provided by FPL and were not independently reviewed by BMcD

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Docket No. 160021-EI
FPL 2016 Dismantlement Study (Corrected)
Table A-12
tt Generation Solar Energy Center

Table A-12 Space Coast Next Generation Solar Energy Center Decommissioning Cost Summary

			Ma	aterial and								
		Labor	Е	quipment		Disposal	Е	nvironmental		Total Cost		Salvage
ace Coast Next Generation Solar Energy Center												
Unit 1												
Demolition	\$	226,000		338,000	\$	-	\$	-	\$	564,000	\$	-
Collector System	\$	18,000	\$	26,000	\$	-	\$	-	\$	44,000	\$	-
Project Buildings	\$	2,000	\$	4,000	\$	-	\$	-	\$	6,000		-
Hazardous Material Disposal	\$	-	\$	-	\$	157,000	\$	-	\$	157,000	\$	-
On-site Concrete Crushing & Disposal	\$	-	\$	-	\$	10,000	\$	-	\$	10,000		-
Site Restoration	\$	-	\$	-	\$	-	\$	120,000	\$	120,000	\$	-
Debris	\$	-	\$	-	\$	19,000	\$	-	\$	19,000	\$	-
Scrap	\$	-	\$	-	\$	-	\$	-	\$	-	\$	(289,00
Subtotal	\$	246,000	\$	368,000	\$	186,000	\$	120,000	\$	920,000	\$	(289,00
	-		_		_				_		_	
Space Coast Next Generation Solar Energy Center Subtotal	\$	246,000	\$	368,000	\$	186,000	\$	120,000	\$	920,000	\$	(289,00
TOTAL COST (CREDIT)									\$	920,000	\$	(289,00
PROJECT INDIRECTS (5%)									\$	46,000		
CONTINGENGY (20%)									\$	184,000		
TOTAL PROJECT COST (CREDIT)									\$	1,150,000	\$	(289,00
TOTAL NET PROJECT COST (CREDIT)									\$	861,000		

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Table A-13 Turkey Point Power Plant Decommissioning Cost Summary

		Labor		laterial and Equipment	Disposal	Environmental		Total Cost		Salvage
y Point Power Plant		Labor		Equipment	Disposai	Environmental		Total Cost		Salvage
Jnit 1										
Boiler	\$	5,038,000	\$	4,695,000		\$ -	\$	9,733,000		-
Steam Turbine & Building	\$	801,000	\$		\$ -	\$ -	\$	1,575,000	\$	-
Stack	\$	1,324,000	\$		\$ -	\$ -	\$	2,602,000	\$	-
GSU & Foundation	\$	33,000	\$			\$ -	\$	116,000	\$	
On-site Concrete Crushing & Disposal Debris	\$ \$	-	\$		\$ 228,000 \$ 38,000	\$ - \$ -	\$	228,000 38,000	\$	-
Scrap	\$	-	φ φ		\$ 30,000	s -	9	36,000	0	(3.488.0
Subtotal	\$	7,196,000	\$		\$ 317,000	\$ -	\$	14,292,000	\$	(3,488,0
	*	1,100,000		2,112,000		*				(=,:==,=
Unit 2 Boiler	\$	5,038,000	s	4,695,000	s -	\$ -	\$	9,733,000	\$	
Steam Turbine & Building	\$	801,000	\$		э - \$ -	\$ -	\$	1,575,000	\$	
Stack	\$	1,324,000	\$		э - \$ -	\$ -	S	2,602,000	\$	
GSU & Foundation	S	33.000	\$		\$ 51,000	\$ -	S	116,000	S	
On-site Concrete Crushing & Disposal	\$	33,000	\$		\$ 228,000	\$ -	\$	228,000	\$	
Debris	\$		\$		\$ 38,000	\$ -	S	38,000	\$	
Scrap	S		s		\$ -	s -	S	-	S	(3,488.0
Subtotal	\$	7,196,000	\$		Ψ	\$ -	\$	14,292,000	\$	(3,488,0
Unit 5 GTs and HRSGs	\$	E-047-000	\$	4.044.000	s -	\$ -	\$	0.004.000	\$	
Steam Turbine & Pedestal	\$	5,017,000	\$		> - S -	\$ -	S	9,861,000	\$	
SCR	\$	216,000	\$		э - \$ -	\$ -	\$	425,000	S	
GSU & Electrical	\$	153,000	\$		\$ 70,000	\$ -	S	371,000	S	
Stack	\$ \$	130,000	\$		\$ 70,000	\$ -	S	255,000	\$	
Cooling Tower and Basin	\$	137,000	\$		ş - \$ -	\$ -	\$	270,000	\$	
On-site Concrete Crushing & Disposal	\$	101,000	\$		\$ 167,000	\$ -	s	167,000	\$	
Debris	Š.	_	Sin .		\$ -	\$ -	S	107,000	\$	
Scrap	Si	_	Sin		Sn -	Sn -	Sn	-	Sn	(6.130.)
Subtotal	\$10	6,654,000	\$	6,425,000	\$ 237,000	\$ -	\$	13,316,000	\$1	(6,130,0
Common										
Auxiliary, Switchyard and Substation	Sn	14,000	\$n	14,000	\$ 33,000	Sn -	Sn	61,000	Sn	
Asbestos Removal ¹	\$		\$		s -	\$ 859,000	S	859.000	Sin	
Cooling Water Intakes and Circulating Water Pumps	S	68,000	s		\$ -	\$ -	S	134,000	S	
Cooling Water Discharge Canal	S	73,000	\$		\$ -	\$ -	S	143,000	\$	
Roads	s	458.000	\$	442.000		\$ -	S	1.350.000	S	
All BOP Buildings	\$	426,000	S		\$ -50,000	\$ -	S	837,000	\$	
Fuel Oil Storage Tanks	S	683,000	\$		\$ -	\$ -	S	1,342,000	S	
All Other Tanks	s	85.000	\$		s -	s -	S	167.000	S	
Contaminated Soil Removal	S	00,000	s		s -	\$ 228.000	S	228,000	S	
Fuel Oil Storage Tank Cleaning	\$		\$		\$ -	\$ 2,151,000	\$	2,151,000	\$	
Fuel Oil Line Flushing/Cleaning	\$	_	\$		\$ -	\$ 60,000	\$	60,000	\$	
	S		\$			\$ -	S	93.000	\$	
On-site Concrete Crushing & Disposal			s		\$ -	\$ 293,000	S	293,000	\$	
On-site Concrete Crushing & Disposal Seeding and Grading	\$	-					S	2,000	\$	
Seeding and Grading	\$	-	\$		\$ 2.000	S -				
		-	-	- :	\$ 2,000	\$ - \$ -	S	-	S	(312.
Seeding and Grading Debris	\$	1,807,000	\$	-	\$ -		\$	7,720,000	\$	
Seeding and Grading Debris Scrap	\$ \$	1,807,000	\$	-	\$ -	\$ -	\$	-	~	
Seeding and Grading Debris Scrap Subtotal	\$ \$		\$	1,744,000	\$ 578,000	\$ - \$ 3,591,000	\$	7,720,000	\$	(312,
Seeding and Grading Debris Scrap Subtotal	\$ \$	1,807,000	\$	-	\$ 578,000	\$ - \$ 3,591,000	\$	7,720,000	\$	(312,
Seeding and Grading Debris Scrap Subtotal Furkey Point Subtotal	\$ \$		\$	1,744,000	\$ 578,000	\$ - \$ 3,591,000	\$ \$	7,720,000 49,620,000 49,620,000	\$	(312,
Seeding and Grading Debris Scrap Subtotal Furkey Point Subtotal FOTAL COST (CREDIT) PROJECT INDIRECTS (5%)	\$ \$		\$	1,744,000	\$ 578,000	\$ - \$ 3,591,000	\$	7,720,000	\$	(312,
Seeding and Grading Debris Scrap	\$ \$		\$	1,744,000	\$ 578,000	\$ - \$ 3,591,000	\$ \$	7,720,000 49,620,000 49,620,000	\$	(312,
Seeding and Grading Debris Scrap Subtotal Furkey Point Subtotal FOTAL COST (CREDIT) PROJECT INDIRECTS (5%)	\$ \$		\$	1,744,000	\$ 578,000	\$ - \$ 3,591,000	\$ \$	7,720,000 49,620,000 49,620,000 2,481,000	\$	(312, (13,418, (13,418,
Seeding and Grading Debris Scrap Subtotal Furkey Point Subtotal FOTAL COST (CREDIT) PROJECT INDIRECTS (5%) CONTINGENGY (20%)	\$ \$		\$	1,744,000	\$ 578,000	\$ - \$ 3,591,000	\$ \$ \$	7,720,000 49,620,000 49,620,000 2,481,000 9,924,000	\$ \$	(312,) (312,) (13,418,) (13,418,) (259,) (13,677,)

¹ Asbestos removal estimates were provided by FPL and were not independently reviewed by BMcD.
² Site inventory costs and recoverable scrap of inventory estimates (10%) were provided by FPL and were not independently reviewed by BMcD.

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Table A-14 West County Energy Center Decommissioning Cost Summary

			Material and						
County Energy Center		Labor	Equipment		Disposal	Environmental		Total Cost	Salvage
Unit 1									
GTs and HRSGs	s	2,625,000	\$ 2,869,00	0 \$	-	\$ -	S	5,494,000 \$	-
Steam Turbine & Pedestal	\$	990,000	\$ 1.082.00		-	\$ -	s	2,072,000 \$	
SCR	Š	93,000	\$ 101,00		-	\$ -	s	194,000 \$	
GSU & Electrical	\$	262,000	\$ 286,00		82,000	\$ -	s	630,000 \$	_
Stack	S	95,000	\$ 103.00		-	\$ -	s	198,000 \$	
Cooling Tower and Basin	S	302,000	\$ 329,00	0 \$	-	\$ -	s	631,000 \$	_
On-site Concrete Crushing & Disposal	\$		\$ -	\$	242,000	\$ -	S	242,000 \$	
Debris	S		\$ -	s	-	\$ -	s	- S	
Scrap	Si	-	S1 -	S	-	Si -	S	- s	
Subtotal	\$	4,367,000	\$ 4,770,000	0 \$	324,000	\$ -	\$	9,461,000 \$	(5,047,000)
Unit 2									
GTs and HRSGs	\$	2,625,000			-	\$ -	\$ S	5,494,000	
Steam Turbine & Pedestal	\$		\$ 1,082,000		-	<u> </u>	-	2,072,000	_
SCR GSU & Electrical	\$		\$ 101,000			5 -	\$	194,000 \$	-
	\$	278,000	\$ 303,000		82,000	\$ -	\$	663,000 \$	-
Stack	\$		\$ 103,000		-	\$ -	\$	198,000 \$	
Cooling Tower and Basin	\$	302,000	\$ 329,00			\$ -	\$	631,000 \$	
On-site Concrete Crushing & Disposal	\$	-	\$ -	\$	242,000	\$ -	\$	242,000 \$	
Debris	Sin	-	Sin -	Sin	-	Si -	Sin	- 8	_
Scrap	\$	-	\$ -	\$	-	\$ -	Şin	- \$	(0)000,000)
Subtotal	\$	4,383,000	\$ 4,787,000	0 \$	324,000	\$ -	\$	9,494,000 \$	(5,060,000)
Unit 3									
GTs and HRSGs	\$	2,625,000	\$ 2,869,00	0 \$		\$ -	S	5,494,000 \$	
Steam Turbine & Pedestal	Š		\$ 1,082,00			\$ -	S	2,072,000 \$	
SCR	Š		\$ 101,00			s -	4.4	194,000 \$	
GSU & Electrical	S		\$ 320.00		82.000	<u> </u>	A.A.	695,000 S	
Stack	s	95,000	\$ 103,00		02,000	\$ -	s	198,000 \$	
Cooling Tower and Basin	s	302,000	\$ 329,000			\$ -	S	631,000 \$	
On-site Concrete Crushing & Disposal	S	302,000	\$ 329,000	υ φ \$	242,000	\$ -	S	242,000 \$	
Debris	<u>\$</u>		S -	Sin	242,000	Sn -	Sin .	242,000 ş	
Scrap	9		2	S		9	s s	- 9	(5.073.000)
Subtotal	\$	4,398,000	\$ 4,804,00	Ψ	324,000	\$ -	\$1	9,526,000 \$	
Common		*****						040.000	
Auxiliary, Switchyard and Substation	\$ S		\$ 98,000		31,000	\$ - \$ -	\$	312,000 \$ 187,000 \$	
Cooling Water Intakes and Circulating Water Pumps Roads		89,000				9 -			
	\$	535,000	\$ 585,00		587,000	§ -	S	1,707,000	
All BOP Buildings Fuel Oil Storage Tanks	\$		\$ 548,000				PA	1,050,000	-
	\$		\$ 1,271,000			-	3	2,435,000 \$	
All Other Tanks	\$	138,000	\$ 151,000		-	-	\$	289,000 \$	-
Contaminated Soil Removal	\$	-	\$ -	\$	-	\$ 253,000		253,000 \$	-
Fuel Oil Storage Tank Cleaning	\$	-	\$ -	\$	-	\$ 2,835,000		2,835,000 \$	
Fuel Oil Line Flushing/Cleaning	\$	-	\$ -	\$	-	\$ 1,688,000		1,688,000 \$	
On-site Concrete Crushing & Disposal	\$	-	\$ -	\$n	156,000	\$ -	Sin	156,000 \$	
Seeding and Grading	\$	-	\$ -	\$	-	\$ 699,000		699,000 🚳	_
Debris	\$	-	\$ -	\$	1,000	Sn -	Sin	1,000 \$	
Scrap	\$	-	\$ -	\$	-	\$1 -	\$n	- 8	(504,000)
Subtotal	\$	2,562,000	\$ 2,800,000	0) \$	775,000	\$ 5,475,000	0 \$	11,612,000 \$	(504,000)
West County Energy Center Subtotal	\$	15,710,000	\$ 17,161,00	0 \$	1,747,000	\$ 5,475,000	0 \$	40,093,000 \$	(15,684,000)
TOTAL COST (CREDIT)							\$	40,093,000 \$	(15,684,000)
PROJECT INDIRECTS (5%)							\$	2,005,000	
CONTINGENGY (20%)							\$10	8,019,000	
SITE INVENTORY COST (CREDIT) ¹							\$=	4,725,211 \$	(472,521)
TOTAL PROJECT COST (CREDIT)							\$11	54,842,211 \$	(16,156,521)
TOTAL NET PROJECT COST (CREDIT)							S	38,685,690	
TOTAL NET PROJECT COST (CREDIT)							3	30,000,000	

¹ Site inventory costs and recoverable scrap of inventory estimates (10%) were provided by FPL and were not independently reviewed by BMcD.

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Docket No. 160021-EI
FPL 2016 Dismantlement Study (Corrected)
Table A-15
Ranch Solar Energy Center

Docket No. 160021-EI
FPL 2016 Dismantlement Study (Corrected)
Exhibit KF-4. Page 66 of 127

Table A-15 Babcock Ranch Solar Energy Center Decommissioning Cost Summary

	Material and													
		Labor	Е	quipment		Disposal	Er	vironmental		Total Cost		Salvage		
bcock Ranch Solar Energy Center														
Unit 1														
Demolition	\$	1,681,000	\$	2,521,000	\$	-	\$	-	\$	4,202,000	\$	-		
Collector System	\$	131,000	\$	197,000	\$	-	\$	-	\$	328,000	\$	-		
Project Buildings	\$	18,000	\$	27,000		-	\$	-	\$	45,000		-		
Hazardous Material Disposal	\$	-	\$	-	\$	1,171,000	\$	-	\$	1,171,000	\$	-		
On-site Concrete Crushing & Disposal	\$	-	\$	-	\$	75,000		-	\$	75,000		-		
Site Restoration	\$	-	\$	-	\$	-	\$	894,000	\$	894,000	\$	-		
Debris	\$	-	\$	-	\$	140,000	\$	-	\$	140,000	\$	-		
Scrap	\$	-	\$	-	\$	-	\$	-	\$	-	\$	(2,152,000		
Subtotal	\$	1,830,000	\$	2,745,000	\$	1,386,000	\$	894,000	\$	6,855,000	\$	(2,152,000		
Babcock Ranch Solar Energy Center Subtotal	\$	1,830,000	\$	2,745,000	\$	1,386,000	\$	894,000	\$	6,855,000	\$	(2,152,00		
TOTAL COST (CREDIT)									\$	6,855,000	\$	(2,152,00		
PROJECT INDIREGTS (5%)									\$	343,000				
CONTINGENGY (20%)									\$	1,371,000				
TOTAL PROJECT COST (CREDIT)									\$	8,569,000	\$	(2,152,00		
TOTAL NET PROJECT COST (CREDIT)									\$	6,417,000				

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Table A-16 Citrus Solar Energy Center Decommissioning Cost Summary

		Labor	Equipment	Disposal	Е	nvironmental		Total Cost	Salvage
itrus Solar Energy Center									
Unit 1									
Demolition	\$	1,681,000	\$ 2,521,000	\$ -	\$	-	\$	4,202,000	\$ -
Collector System	\$	131,000	\$ 197,000	\$ -	\$	-	\$	328,000	\$ -
Project Buildings	\$	18,000	\$ 27,000	\$ -	\$	-	\$	45,000	\$ -
Hazardous Material Disposal	\$	-	\$ -	\$ 1,171,000	\$	-	\$	1,171,000	\$ -
On-site Concrete Crushing & Disposal	\$	-	\$ -	\$ 75,000		-	\$	75,000	-
Site Restoration	\$	-	\$ -	\$ -	\$	894,000	\$	894,000	\$ -
Debris	\$	-	\$ -	\$ 140,000	\$	-	\$	140,000	-
Scrap	\$	-	\$ -	\$ -	\$	-	\$	-	\$ (2,152,000)
Subtotal	\$	1,830,000	\$ 2,745,000	\$ 1,386,000	\$	894,000	\$	6,855,000	\$ (2,152,000)
Citrus Solar Energy Center Subtotal	\$	1,830,000	\$ 2,745,000	\$ 1,386,000	\$	894,000	\$	6,855,000	\$ (2,152,000
•		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, , , , , , , , , , , , , , , , , , , ,			
TOTAL COST (CREDIT)							\$	6,855,000	\$ (2,152,000)
PROJECT INDIREGTs (5%)							\$	343,000	
CONTINGENGY (20%)							\$	1,371,000	
TOTAL PROJECT COST (CREDIT)							\$	8,569,000	\$ (2,152,000)
TOTAL NET PROJECT COST (CREDIT)							\$	6,417,000	

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Table A-17 Manatee Solar Energy Center Decommissioning Cost Summary

	Material and										
		Labor	E	Equipment		Disposal	E	Environmental		Total Cost	Salvage
lanatee Solar Energy Center											
Unit 1											
Demolition	\$	1,681,000	\$	2,521,000	\$	-	\$	-	\$	4,202,000	\$ -
Collector Sytem	\$	131,000	\$	197,000	\$	-	\$	-	\$	328,000	\$ -
Project Buildings	\$	18,000	\$	27,000	\$	-	\$	-	\$	45,000	\$ -
Hazardous Material Disposal	\$	-	\$	-	\$	1,171,000	\$	-	\$	1,171,000	\$ -
On-site Concrete Crushing & Disposal	\$	-	\$	-	\$	75,000	\$	-	\$	75,000	\$ -
Site Restoration	\$	-	\$	-	\$	-	\$	894,000	\$	894,000	\$ -
Debris	\$	-	\$	-	\$	140,000	\$	-	\$	140,000	\$ -
Scrap	\$	-	\$	-	\$	-	\$	-	\$	-	\$ (2,152,00
Subtotal	\$	1,830,000	\$	2,745,000	\$	1,386,000	\$	894,000	\$	6,855,000	\$ (2,152,00
Manatee Solar Energy Center Subtotal	\$	1,830,000	\$	2,745,000	\$	1,386,000	\$	894,000	\$	6,855,000	\$ (2,152,00
TOTAL COST (CREDIT)									\$	6,855,000	\$ (2,152,00
PROJECT INDIREGTs (5%)									\$	343,000	
CONTINGENGY (20%)									\$	1,371,000	
TOTAL PROJECT COST (CREDIT)									\$	8,569,000	\$ (2,152,00
TOTAL NET PROJECT COST (CREDIT)									\$	6,417,000	

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Table A-18
Okeechobee Clean Energy Center
Decommissioning Cost Summary

Material and

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		Labor	ï	Equipment		Disposal	Environmental		Total Cost		Salvage
echobee Clean Energy Center											
Unit 1											
GTs and HRSGs	\$	2,682,000	\$	2,930,000	\$	-	\$ -	\$	5,612,000	\$	-
Steam Turbine & Pedestal	\$	1,045,000	\$	1,142,000	\$	-	\$ -	\$	2,187,000	\$	-
SCR	\$	98,000	\$	107,000	\$	-	\$ -	\$	205,000	\$	-
GSU & Electrical	\$	238,000	\$	260,000	\$	82,000	\$ -	\$	580,000	\$	-
Stack	\$	95,000	\$	104,000		-	\$ -	\$	199,000	\$	-
Cooling Tower and Basin	\$	311,000	\$	340,000	\$	-	\$ -	\$		\$	-
On-site Concrete Crushing & Disposal	\$	-	\$	-	\$	247,000	\$ -	\$	247,000		-
Scrap	\$	-	\$	-	\$	-	\$ -	\$	-	\$	(5,252,000
Subtotal	\$	4,469,000	\$	4,883,000	\$	329,000	\$ -	\$	9,681,000	\$	(5,252,000
Common											
Auxiliary, Switchyard and Substation	\$	16,000	\$	18,000	\$	13,000	\$ -	\$	47,000	\$	-
Cooling Water Intakes and Circulating Water Pumps	\$	41,000	\$	45,000	\$	-	\$ -	\$	86,000	\$	-
Roads	\$	161,000	\$	175,000	\$	176,000	\$ -	\$	512,000	\$	-
All BOP Buildings	\$	501,000	\$	548,000	\$	-	\$ -	\$	1,049,000	\$	-
Fuel Oil Storage Tanks	\$	174,000	\$	190,000	\$	-	\$ -	\$	364,000	\$	-
All Other Tanks	\$	107,000	\$	117,000	\$	-	\$ -	\$	224,000	\$	-
Contaminated Soil Removal	\$	-	\$	-	\$	-	\$ 134,000	\$	134,000	\$	-
Fuel Oil Storage Tank Cleaning	\$	-	\$	-	\$	-	\$ 1,498,000	\$	1,498,000	\$	-
Fuel Oil Line Flushing/Cleaning	\$	-	\$	-	\$	-	\$ 154,000	\$	154,000	\$	-
On-site Concrete Crushing & Disposal	\$	-	\$	-	\$	52,000	\$ -	\$	52,000	\$	-
Seeding and Grading	\$	-	\$	-	\$	-	\$ 210,000	\$	210,000	\$	-
Debris	\$	-	\$	-	\$	1,000	\$ -	\$	1,000	\$	-
Scrap	\$	-	\$	-	\$	-	\$ -	\$	-	\$	(308,000
Subtotal	\$	1,000,000	\$	1,093,000	\$	242,000	\$ 1,996,000	\$	4,331,000	\$	(308,000
	A										
Ockeechobee Clean Energy Center Subtotal	\$1	5,469,000	\$1	5,976,000	\$1	571,000	\$ 1,996,000	\$	14,012,000	\$	(5,560,000
TOTAL COST (CREDIT)								\$	14,012,000	\$11	(5,560,000
PROJECT INDIRECTS (5%)								\$	701,000		
CONTINGENCY (20%)								\$	2,802,000		1
TOTAL PROJECT COST (CREDIT)								\$	17,515,000	\$1	(5,560,000
TOTAL NET PROJECT COST (CREDIT)								S	11.955.000		
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