

**FAC 8112 Stand-By/Emergency Power**

FY25 SUC:           \$27.51 / KW  
Source:             Calculated using R.S. Means CostWorks 2024 Qtr 3 component prices

FAC 8112 Stand-By/Emergency Power

FAC 8112 Stand-By/Emergency Power			FY25 SUC: \$27.51						
Release: 2024 Qtr 3			UM: KW						
Zip Code Prefix: 222			Expected Service Life: 45		Adjusted Occurrences are the occurrences remaining after subtracting Repair/Replacement Overlaps. Overlap reduction removes a repair when it occurs the same year as a replacement.				
Type: MR			Model Size: 306						
Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Service Life/Frequency	Occurrences	Adjusted Occurrences	Life Cost	Adjusted Cost
Repair switchboard meter	10	1.00 Ea.	\$1,321.89	\$1,553.91	4.5000	4	4	\$6,215.64	\$6,215.64
Replace safety switch, heavy duty 100 A	25	1.00 Ea.	\$1,662.22	\$1,950.38	1.8000	1	1	\$1,950.38	\$1,950.38
Maintenance and repair electrical service ground	25	0.65 M.L.F.	\$62.05	\$77.57	1.8000	1	1	\$77.57	\$77.57
Maintenance and inspection generator, gasoline, 175 KW	0.08	1.00 Ea.	\$69.98	\$87.79	562.5000	562	562	\$49,340.74	\$49,340.74
Replace generator component gasoline, 175 KW	25	1.00 Ea.	\$97,685.01	\$112,040.95	1.8000	1	1	\$112,040.95	\$112,040.95
Maintenance and inspection transfer switch	0.5	1.00 Ea.	\$43.82	\$54.97	90.0000	90	90	\$4,947.05	\$4,947.05
Replace battery charger	20	1.00 Ea.	\$1,263.88	\$1,459.08	2.2500	2	2	\$2,918.17	\$2,918.17
			\$102,108.85	\$117,224.65					
								MR Subtotal:	\$177,490.50
								MR Per Year:	\$3,944.23
								PM Total:	\$4,474.86
								Subtotal:	\$8,419.09
								Total Per Unit:	\$27.51

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Release: 2024 Qtr 3

Zip Code Prefix: 222

Type: PM

FY25 SUC: \$27.51

UM: KW

Expected Service Life: 45

Model Size: 306

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Circuit breaker, high voltage air, annualized	1	0.47	\$16.52	\$33.37	\$0.0000	49.88	61.54	74.03
Emergency diesel or gas generator, over 15 KVA, annualized	2	32.30	\$177.64	\$2,041.80	\$0.0000	2,219.44	2,849.75	3,488.94
Battery system and charger, annualized	1	8.73	\$21.96	\$552.78	\$0.0000	574.74	742.77	911.89
						\$2,844.06	\$3,654.06	\$4,474.86