

# Capital Optimization: Capital deployment

## Case study

E Source developed a capital budget planning tool that provides insights into a variety of factors that influence the prioritization of strategic program investment.

### The challenge

As a utility client evolved its data-driven decision-making, it wanted to develop a capital budget baseline across the organization. This would allow transmission and distribution (T&D) executives to prioritize the remaining capital deployment on T&D project portfolio opportunities.

### The approach

E Source developed a capital budget planning tool that provides insights into a variety of factors that influence the prioritization of strategic program investment.

Undergrounding	Vegetation Management	Automation	Dropout Recloser	Fiber	Wire Replacement
2	496	167	1504	63	16
6	1946	122	268	326	151
10	1908	223	959	226	2
14	-1	975	623	222	17
16	1886	93	81	245	4
23	151	313	277	529	1092
39	1689	131	242	179	15
44	1681	112	1504	165	1092
48	475	377	1068	38	94
51	215	85	137	798	1092
62	337	115	314	932	169
73	1926	813	216	1092	1092
75	2178	310	1504	551	1092
78	780	340	891	425	53
82	2107	58	1504	935	1092
86	1512	1999	1504		1092
90	1234	357	574	1133	117
92	1665	222	452	338	30
93	-1	1122	484	415	1053
95	1484	907	699	298	93
97	1603	116	116	100	1092

### The impact

E Source delivered a comprehensive tool designed for data-driven decision-making. The tool included:

- A summary of operations and maintenance costs
- A heat map showing locations that are incurring the most costs
- Three strategic program prioritization matrices—undergrounding, automation, and dropout recloser

