

DEC and DEP Red Zone Transmission Expansion Plan

- Slide 2 reflects proposed DEC and DEP Red Zone Transmission Expansion Plan projects being screened by the North Carolina Transmission Planning Collaborative Local Transmission Planning process
- These projects will receive and consider stakeholder input through the NCTPC Transmission Advisory Group
- A Local Transmission Plan incorporating these projects is contingent on the NCTPC Oversight Steering Committee endorsing the Local Transmission Plan

Jun 03 2022



Project	Owner	Project Description	Total Cost (FB, w/ contingency)	Estimate Class
1 Lee 100 kV (Lee-Shady Grove)	DEC	Upgrade	\$45,000,000	5
2 Piedmont 100 kV (Lee-Shady Grove)	DEC	Upgrade	\$45,000,000	5
3 Newberry 115 kV (Bush River-DESC)	DEC	Upgrade	\$42,000,000	5
4 Clinton 100 kV (Bush River-Laurens)	DEC	Upgrade	\$109,000,000	5
5 Cape Fear Plant – West End 230kV Line	DEP	Rebuild	\$70,349,010	4
6 Erwin – Fayetteville East 230kV Line	DEP	Rebuild	\$83,933,750	4
7 Erwin – Fayetteville 115kV Line	DEP	Rebuild	\$21,288,975	4
8 Fayetteville-Fayetteville Dupont 115kV Line – 3.2 mile section	DEP	Rebuild	\$14,106,625	4
9 Rockingham – West End 230kV West Line	DEP	Upgrade	\$1,457,875	4
10 Milburnie 230kV Substation	DEP	Redundant Bus Protection	\$4,324,127	4
11 Erwin-Milburnie 230kV Line	DEP	Rebuild	\$5,300,000	5
12 Sutton Plant-Wallace 230kV Line	DEP	Upgrade	\$500,000	5
13 Weatherspoon-Marion 115kV Line	DEP	Rebuild	\$13,000,000	5
14 Camden-Camden Dupont 115kV Line	DEP	Rebuild	\$2,600,000	5
15 Camden Junction-DPC Wateree 115kV Line	DEP	Rebuild	\$10,000,000	5
16 Robinson Plant-Rockingham 115kV Line	DEP	Rebuild	\$38,000,000	5
17 Robinson Plant-Rockingham 230kV Line	DEP	Rebuild	\$43,100,000	5
18 Fayetteville-Fayetteville Dupont 115kV Line – 4.9 mile section	DEP	Rebuild	\$11,600,000	5
Total			\$560,560,362	