

ANNEX VIII: LIST AND MAPS PER COUNTY OF EXISTING/PLANNED ELECTRICAL INFRA-STRUCTURES

1 LIST OF EXISTING AND PLANNED ELECTRICAL GRID

Table 1.1 – High Voltage Substations.

Name	Voltages (kV)	County	Situation	Feeders
Paynesville	66/22	Montserrado	Existing	5
Kru Town	66/22	Montserrado	Existing	2
Capitol	66/22	Montserrado	Existing	3
Bushrod Island	66/22	Montserrado	Existing	4
Virginia	66/22	Montserrado	Planned	2
Tubmanburg	66/33	Bomi	Planned	1
Kle	66/33	Bomi	Planned	3
Gbarnga	66/33	Bong	Planned	3
Bong Mine	66/33	Bong	Planned	1
Buchanan 66kV	66/33	Grand Bassa	Planned	2
Robertsport	66/33	Grand Cape Mount	Planned	1
Madina	66/33	Grand Cape Mount	Planned	3
Bo	66/33	Grand Cape Mount	Planned	1
Schefflien	66/33	Margibi	Planned	2
RIA	66/33	Margibi	Planned	3
Kakata	66/33	Margibi	Planned	4
SP1	225/??	Bong	Planned	1
Buchanan 225kV	225/33	Grand Bassa	Planned	4
Mano	225/33	Grand Cape Mount	Planned	2
Yekepa	225/33	Nimba	Planned	4
Mt. Coffee	225/66/33	Montserrado	Planned	8
Stockton Town	66/22	Montserrado	Planned	3
Gardnerville	66/22	Montserrado	Planned	2
Congo Town	66/22	Montserrado	Planned	2

Table 1.2 – High Voltage Power Lines.

Name	Length (km)	Voltage Level (kV)	Status
Gardnersville - Paynesville	10.0	66	Existing
Bushrod island - Kru Town	6.2	66	Existing
Stockton Town - Gardnersville	4.6	66	Existing
Stockton Town - Capitol	4.5	66	Existing
Bushrod Island - Stockton Town	2.8	66	Existing
Kakata - Gbarnga	123.9	66	Planned
RIA - Buchanan	70.4	66	Planned
Paynesville - Kakata	50.9	66	Planned
Madina - Bo	50.2	66	Planned
Madina - Robertsport	37.5	66	Planned

Name	Length (km)	Voltage Level (kV)	Status
Kakata - Bong Mines	37.0	66	Planned
RIA - Kakata	36.9	66	Planned
Virginia - Kle	33.7	66	Planned
MT Coffee - Paynesville Substation	26.6	66	Planned
Kle - Tubmanburg	25.6	66	Planned
Kle/Tubmanburg - Madina	23.0	66	Planned
Bushrod - Mt. Coffee (LCPDP)	21.9	66	Planned
Paynesville - Schefflien	21.7	66	Planned
Schefflien - RIA	17.2	66	Planned
Capitol - Congo Town	8.7	66	Planned
Bushrod Island - Virginia	6.4	66	Planned
Congo Town - Paynesville	4.9	66	Planned
Ring System of Monrovia (Kru Town - Capitol)	3.3	66	Planned
Yekepa - Buchanan (CLSG)	229.4	225	Planned
Buchanan - Mount Coffee (CLSG)	114.4	225	Planned
Mount Coffee - Mano (CLSG)	108.6	225	Planned
Côte d'Ivoire - Yekepa (CLSG)	34.9	225	Planned
Guinea - Yekepa (CLSG)	34.1	225	Planned
Mano - Sierra Leone (CLSG)	9.8	225	Planned
SP1 - MT. Coffee	60.5	225	Planned

Table 1.3 – Medium Voltage Power Lines.

Name	Length (km)	Voltage Level (kV)	Status
Monrovia Distribution Grid	(*) 61.0	22	Existing
Cestos River - Pouh Town (Cross Border)	45.2	33	Existing
Pouh Town - Zwedru (Cross Border)	38.4	33	Existing
Ganta - Sanniquellie (Cross Border)	37.7	33	Existing
Seikempa - Yekepa (Cross Border)	33.1	33	Existing
Zorgowee - Louguatuo (Cross Border)	32.6	33	Existing
Tappita - Cestos River (Cross Border)	28.2	33	Existing
Pleebo - Harper (Cross Border)	27.5	33	Existing
Harper - Fish Town (Cross Border)	19.5	33	Existing
Harper - Cavala Town (Cross Border)	18.3	33	Existing
Sanniquellie - Zorgowee (Cross Border)	16.5	33	Existing
Harper - Cavalla (Cross Border)	14.4	33	Existing
Tobli – Côte d'Ivoire Border (Cross Border)	10.3	33	Existing
To – Rocktown (Cross Border)	3.9	33	Existing
Pleebo - Fish Town (Cross Border)	101.0	33	Planned
Ganta - Gbarnga (Cross Border)	72.0	33	Planned

2 MAPS OF EXISTING AND PLANNED ELECTRICAL GRID PER COUNTY

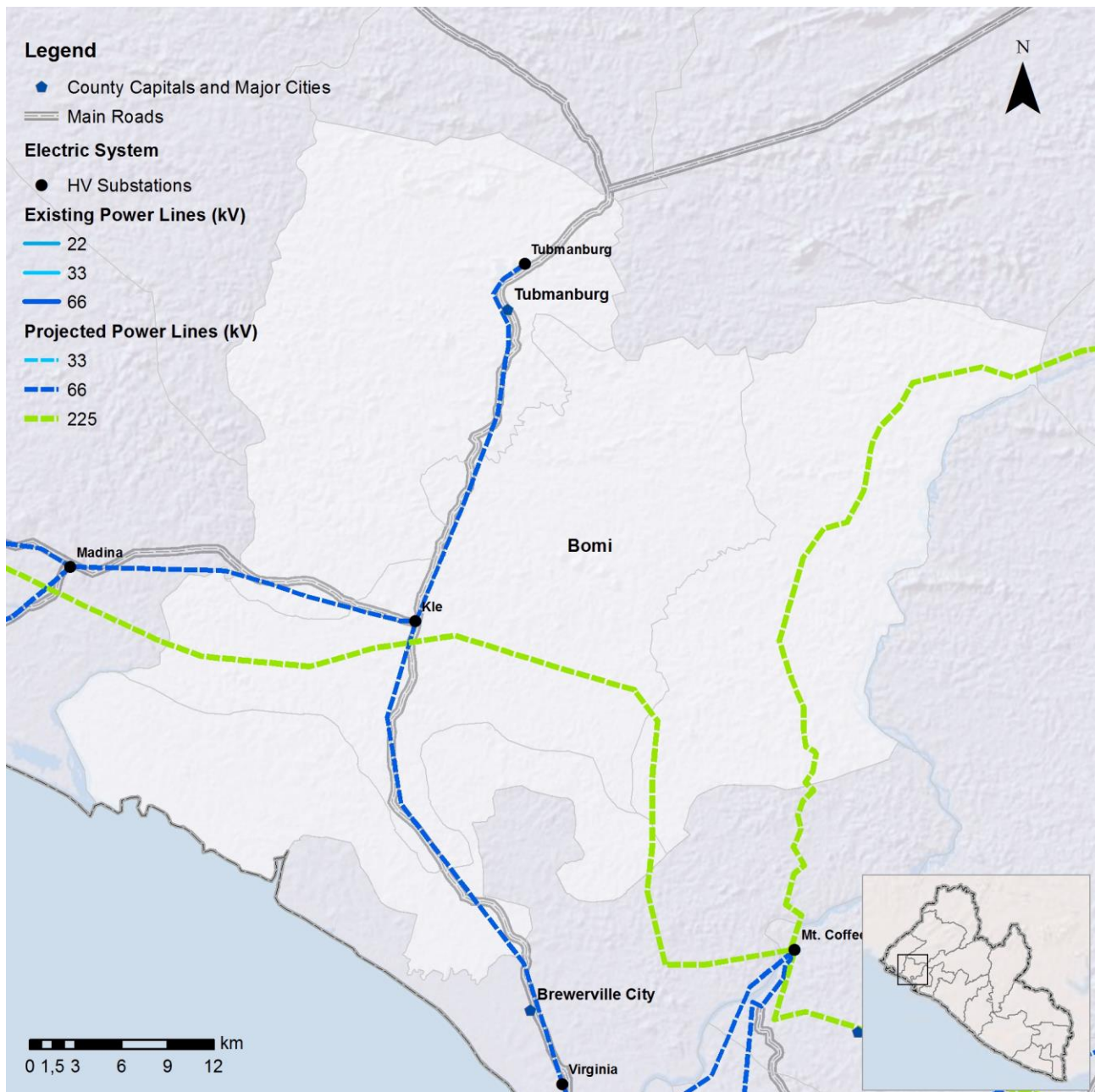


Figure 2.1 – Existing and Planned Infra-Structure in Bomi County.

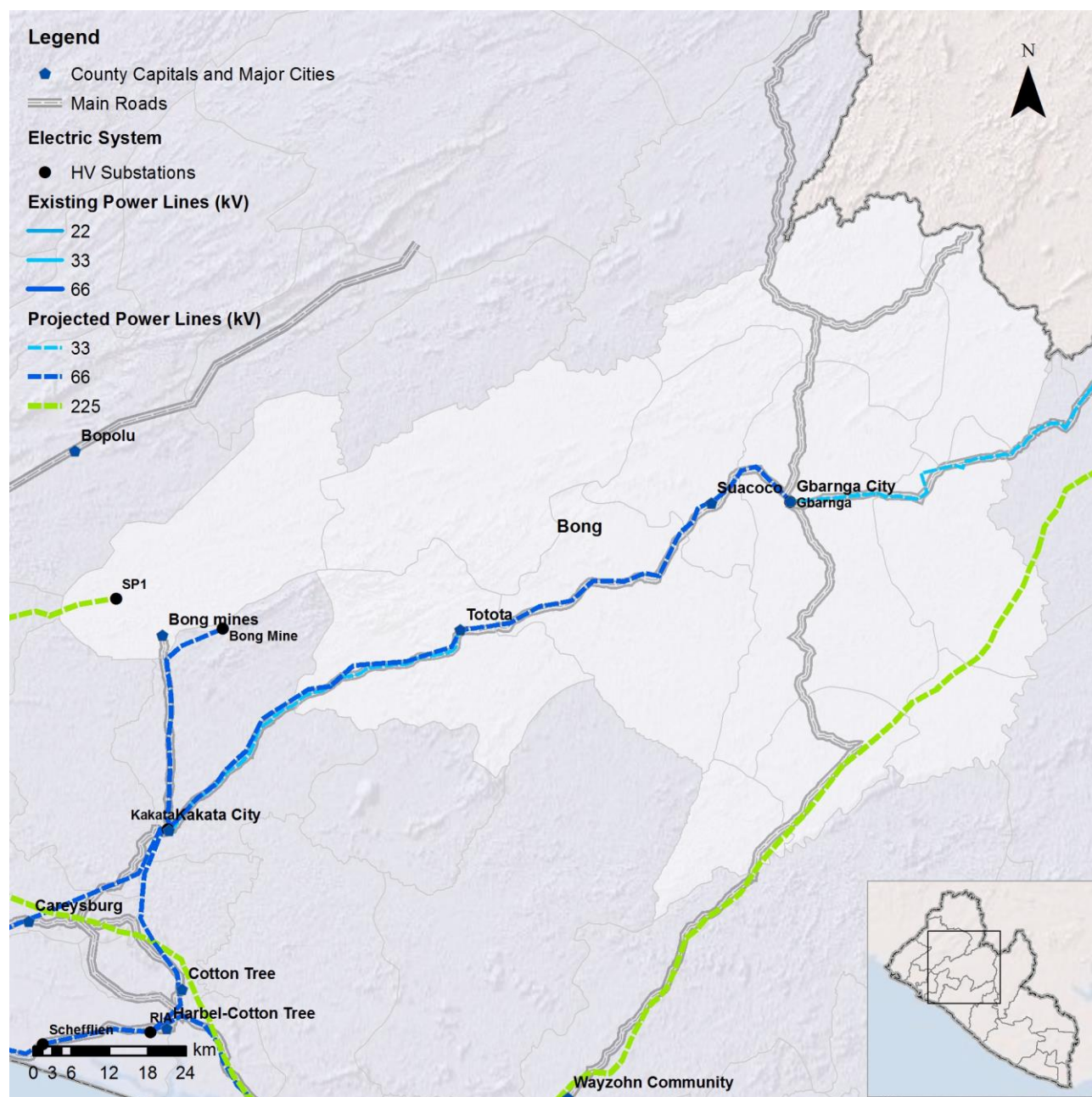


Figure 2.2 – Existing and Planned Infra-Structure in Bong County.

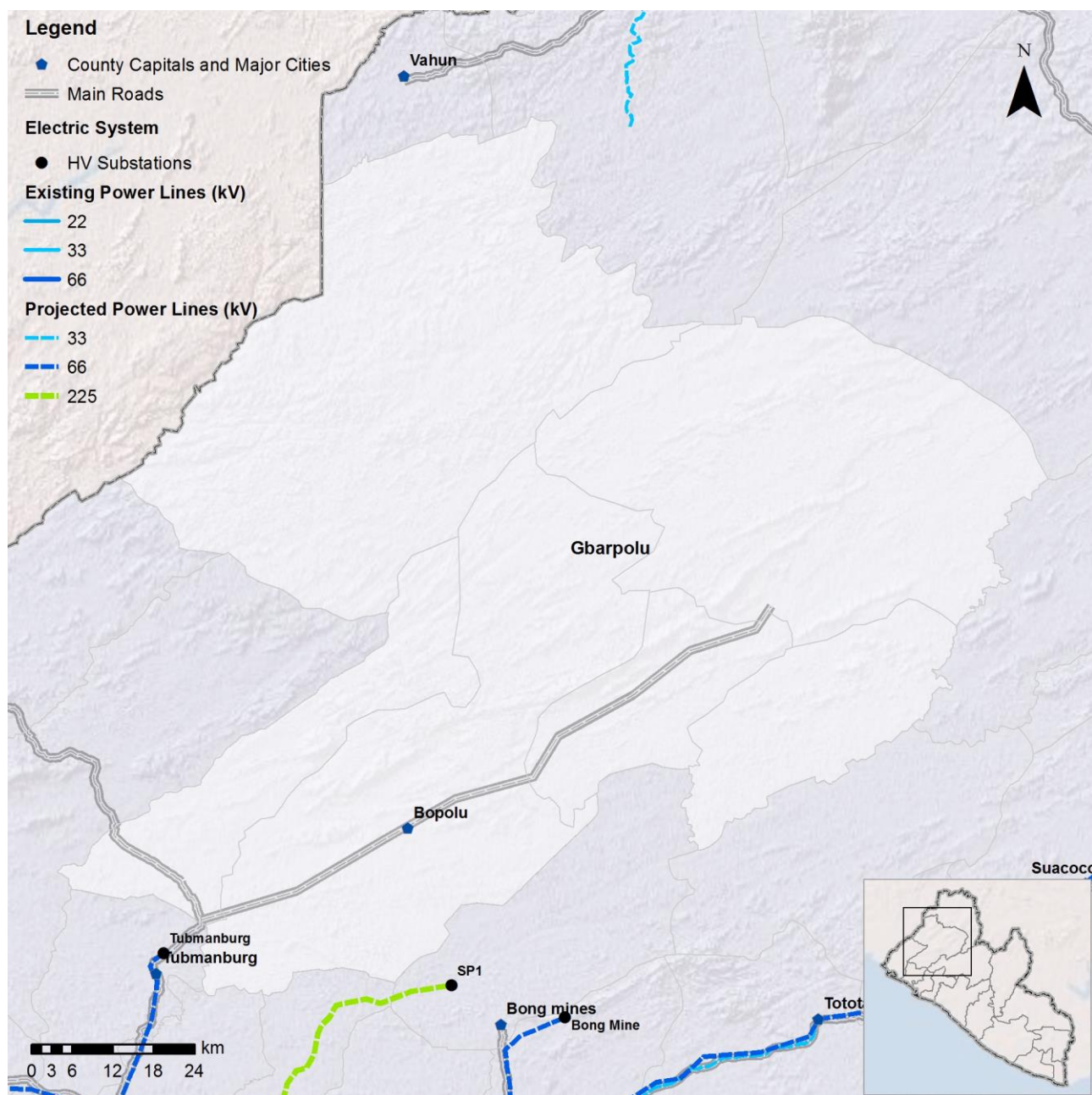


Figure 2.3 – Existing and Planned Infra-Structure in Gbarpolu County.

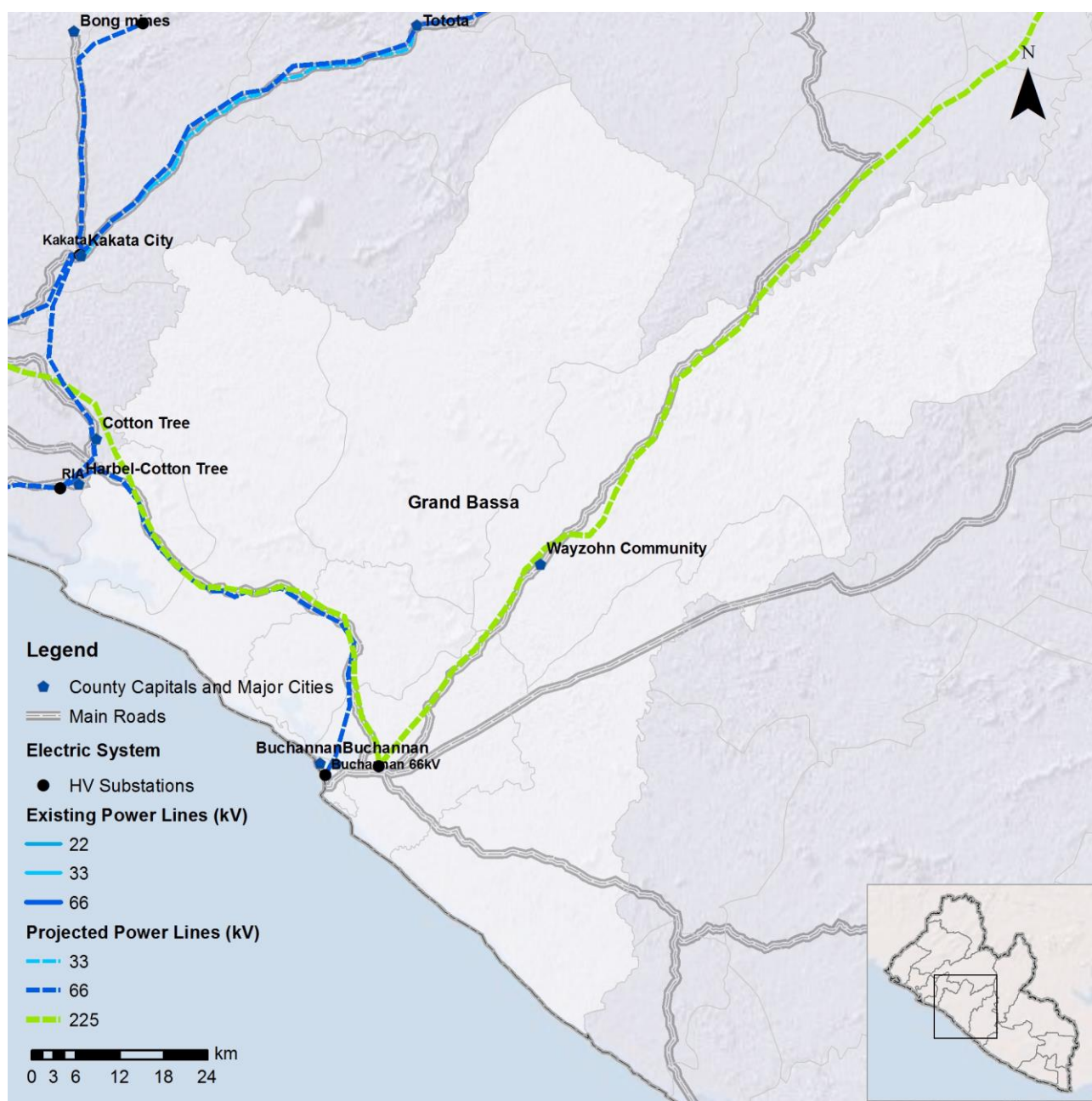


Figure 2.4 – Existing and Planned Infra-Structure in Grand Bassa County.

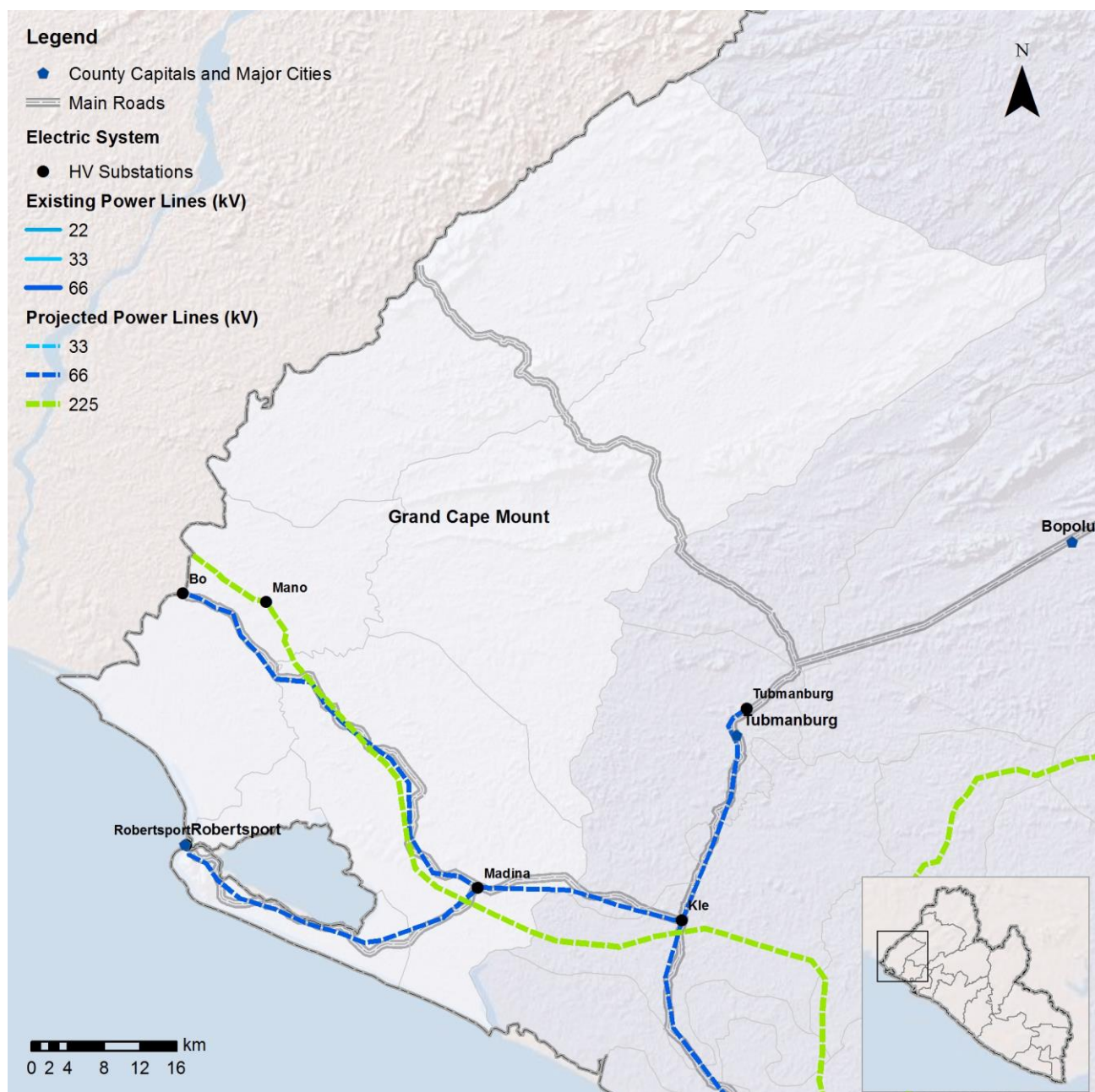


Figure 2.5 – Existing and Planned Infra-Structure in Grand Cape Mount County.

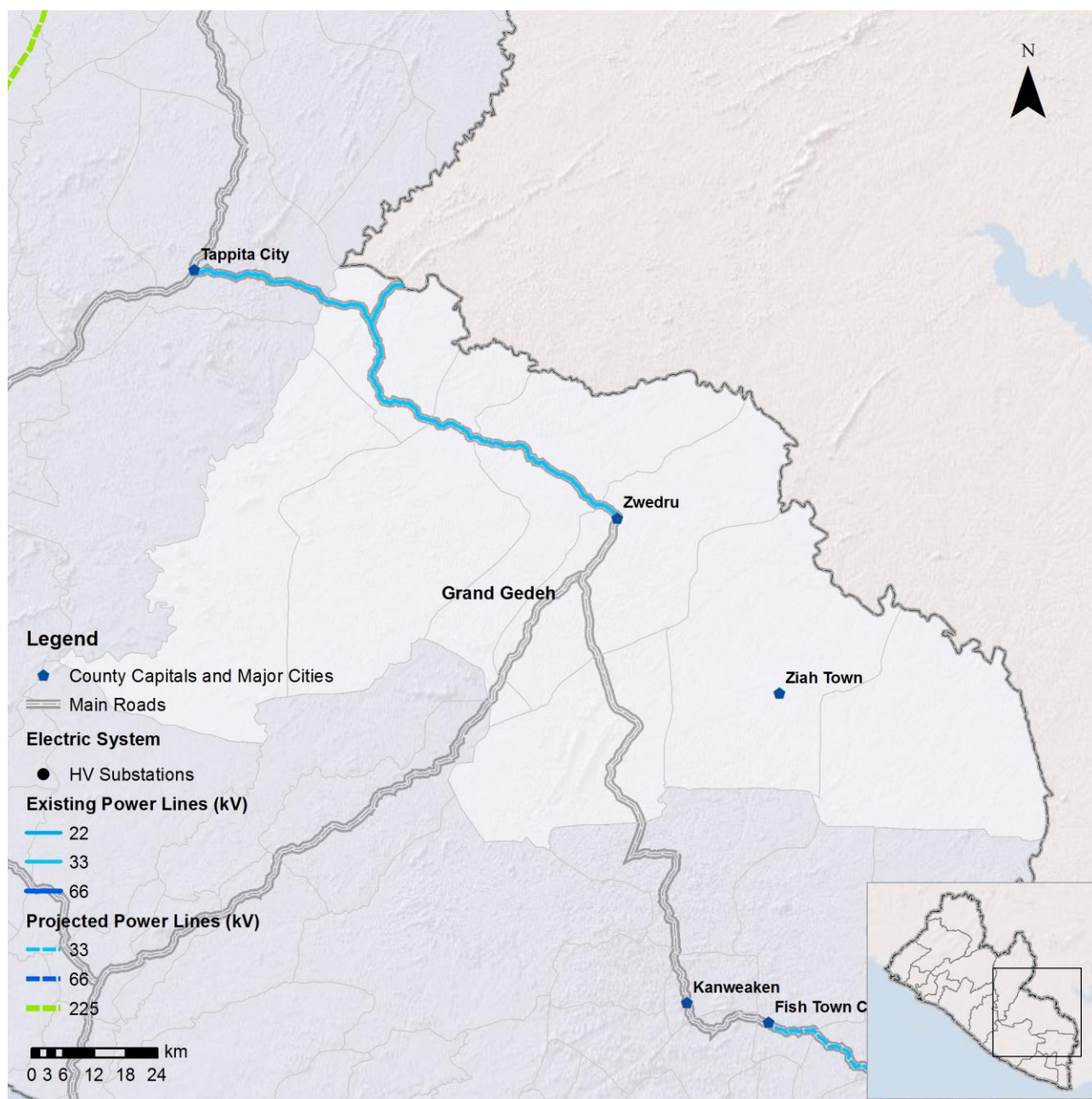


Figure 2.6 – Existing and Planned Infra-Structure in Grand Gedeh County.



Figure 2.7 – Existing and Planned Infra-Structure in Grand Kru County.

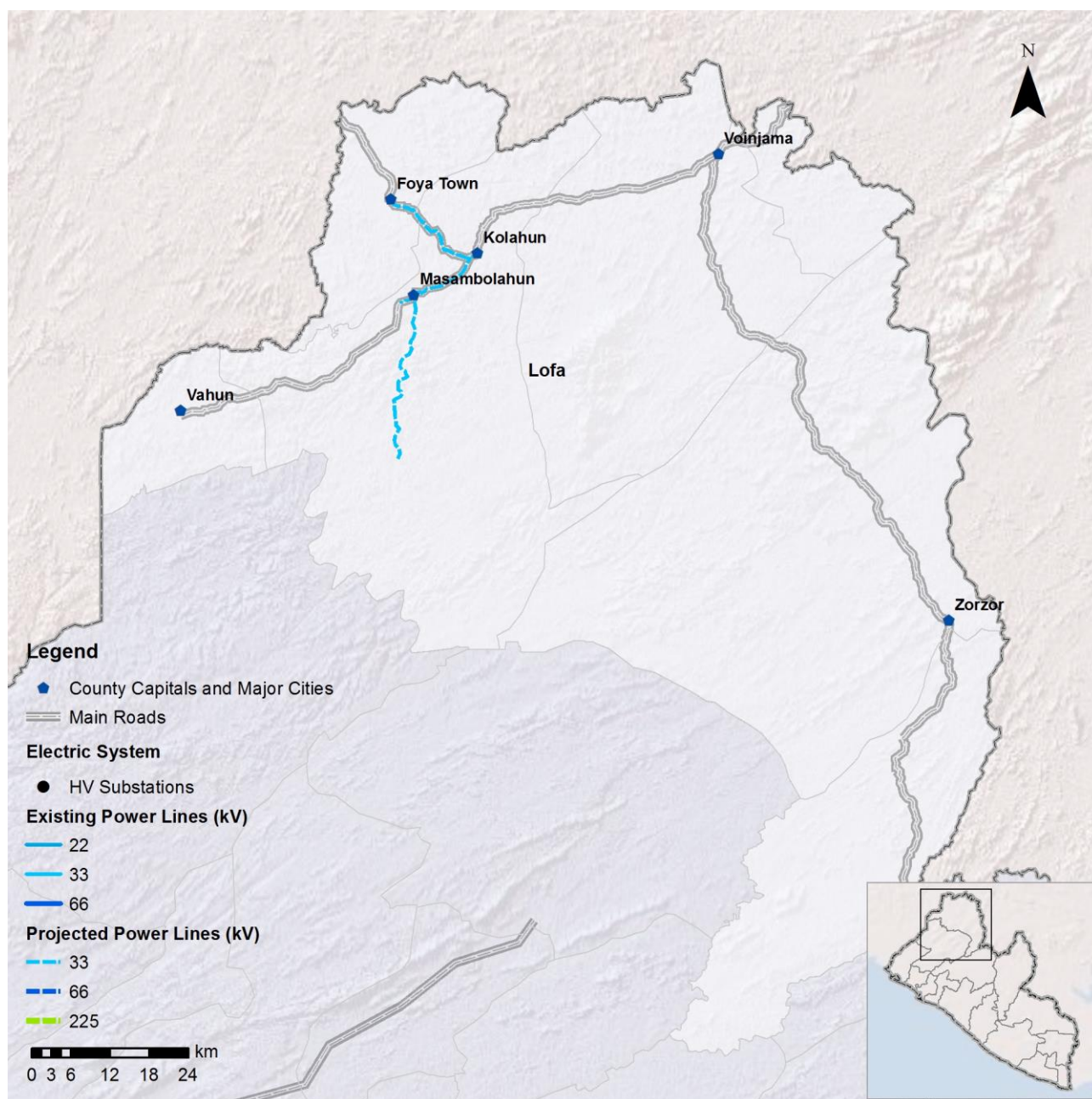


Figure 2.8 – Existing and Planned Infra-Structure in Lofa County.

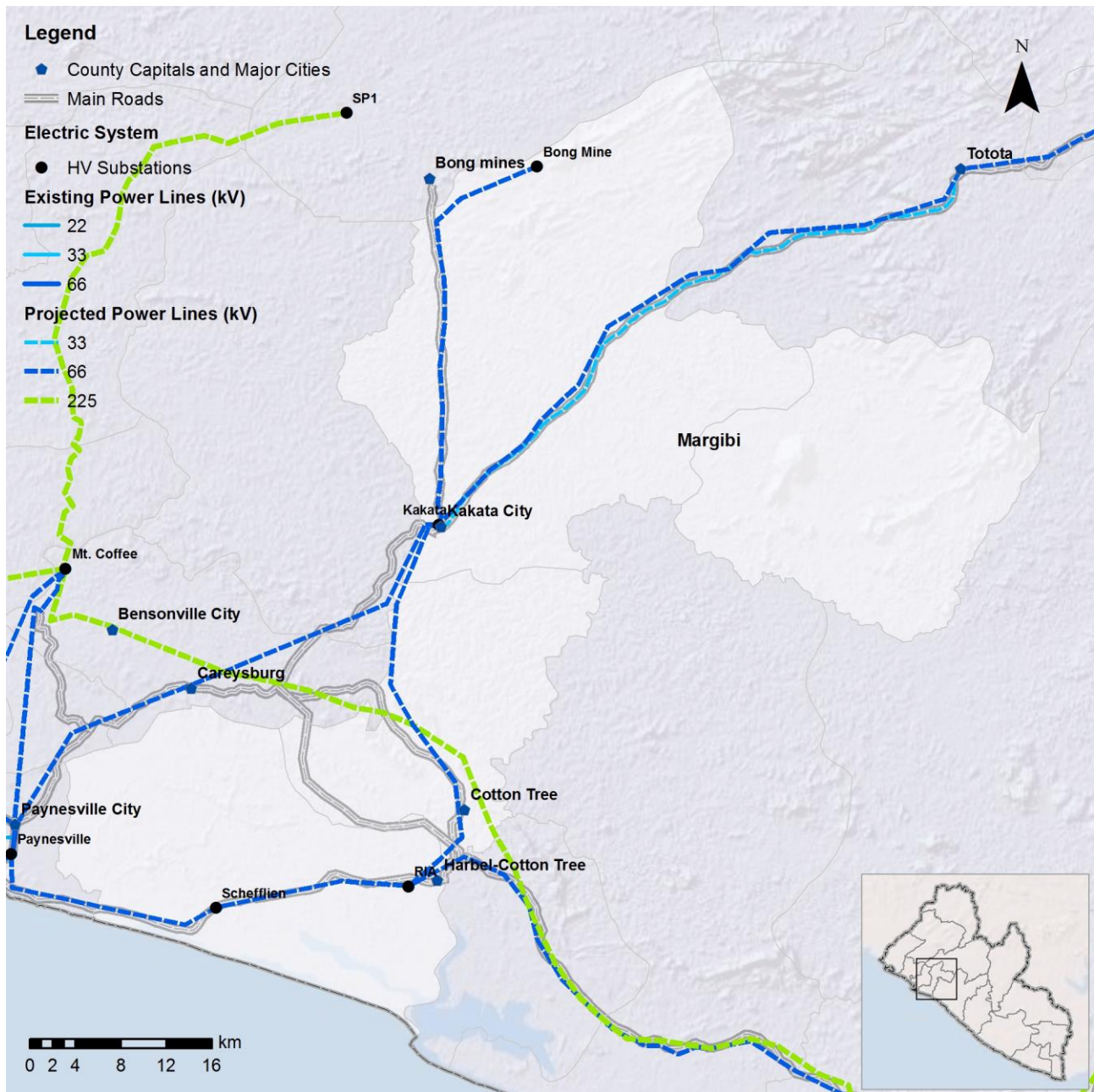


Figure 2.9 – Existing and Planned Infra-Structure in Margibi County.

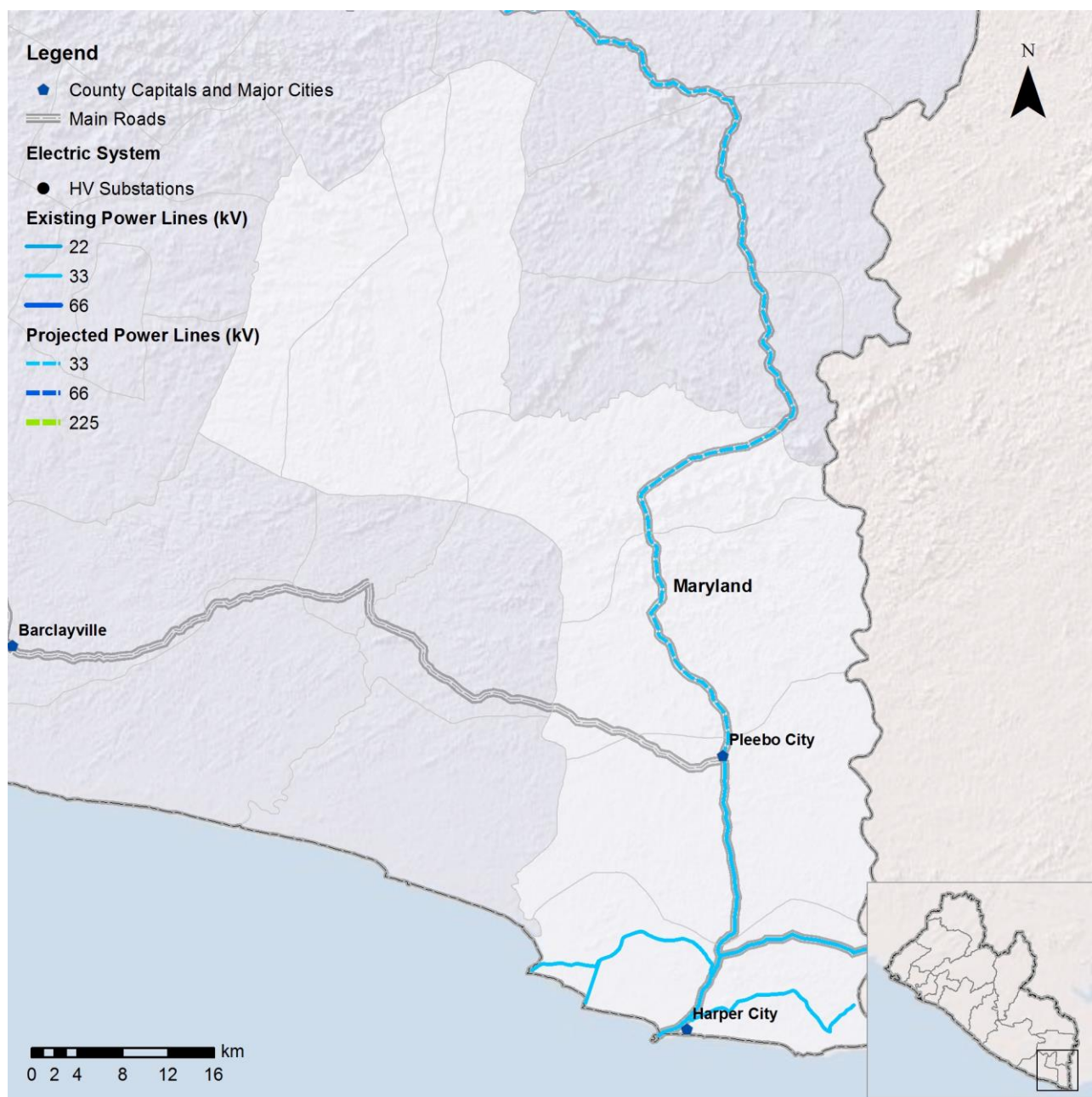


Figure 2.10 – Existing and Planned Infra-Structure in Maryland County.

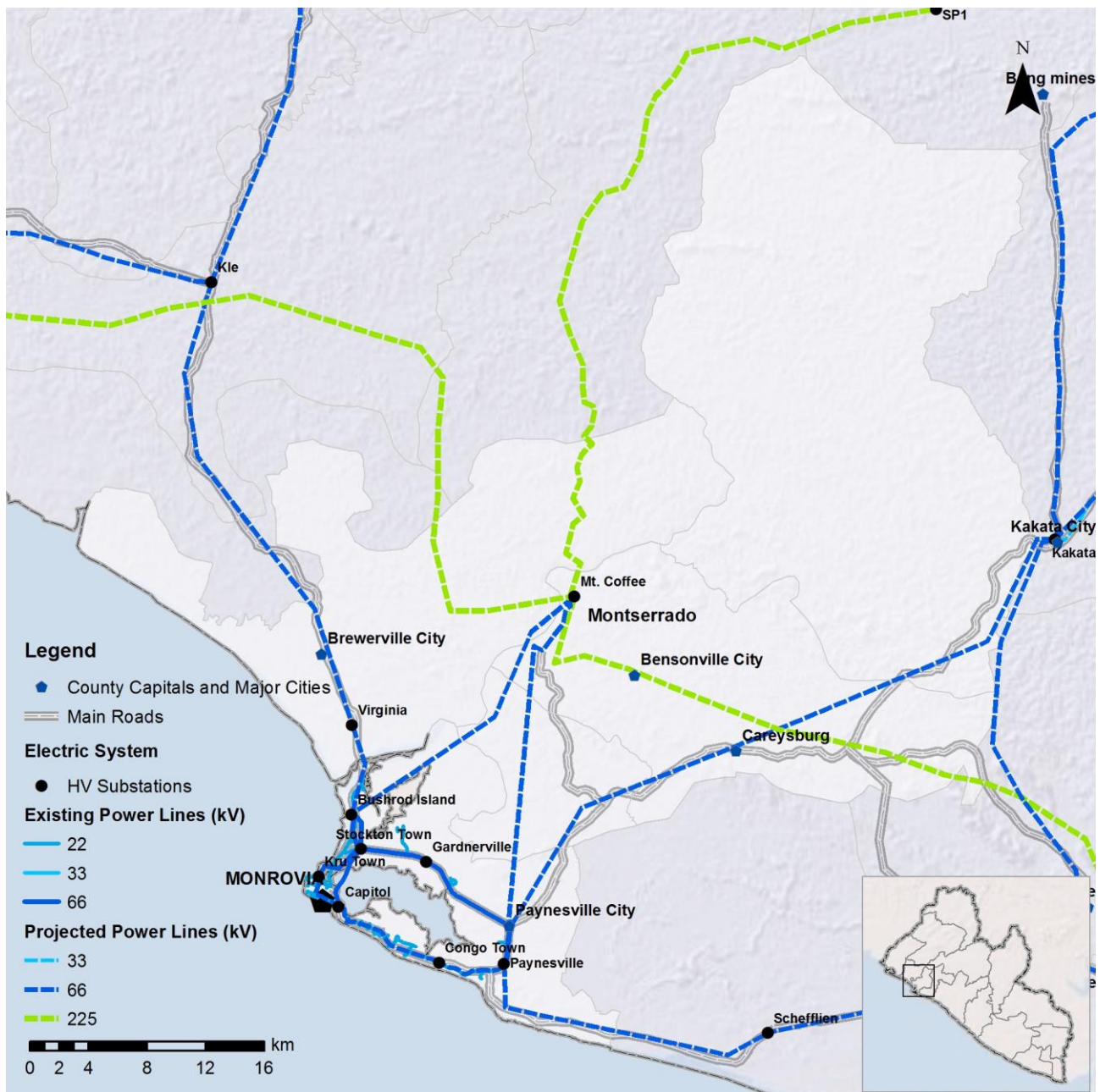


Figure 2.11 – Existing and Planned Infra-Structure in Montserrado County.

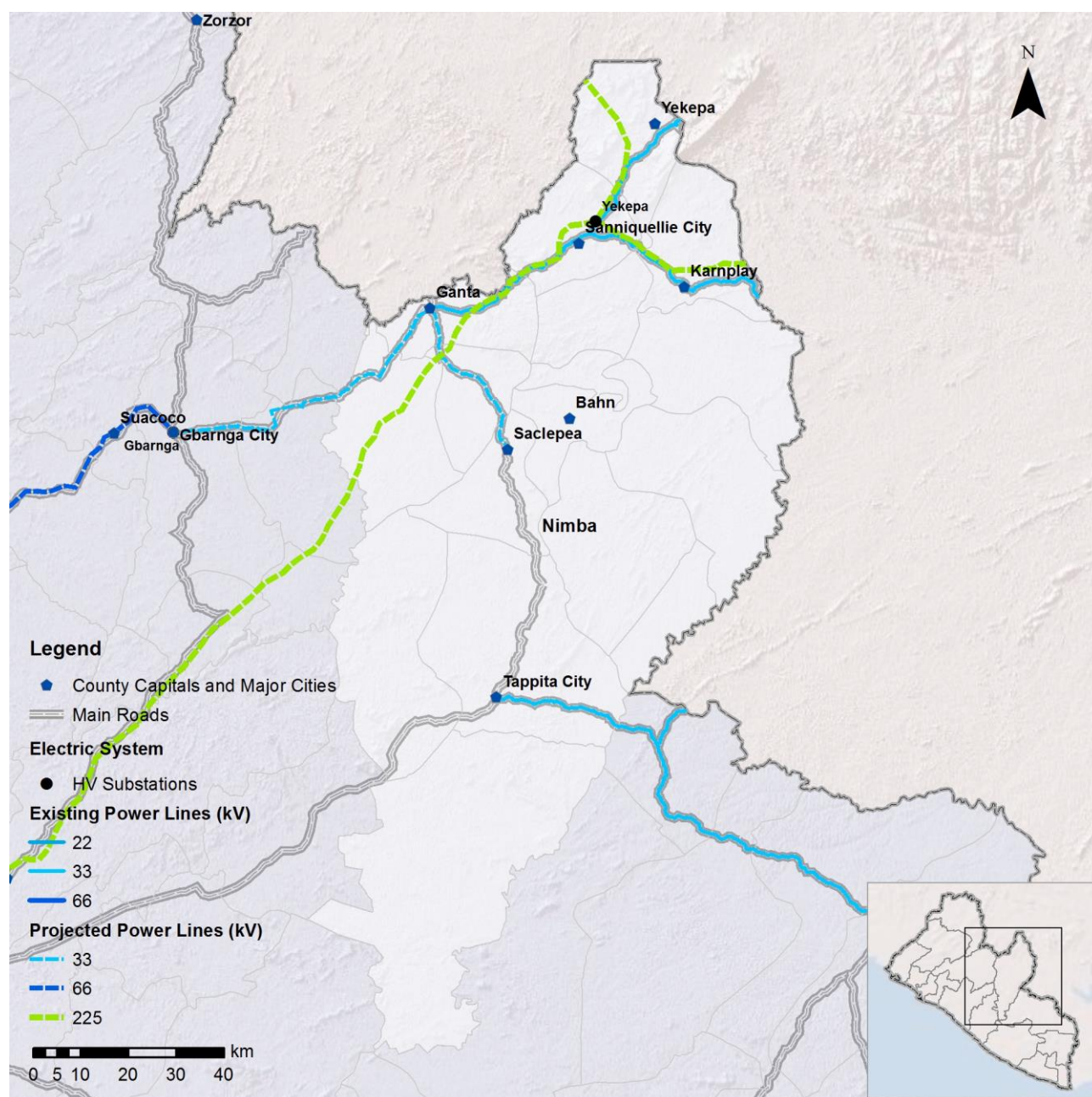


Figure 2.12 – Existing and Planned Infra-Structure in Nimba County.

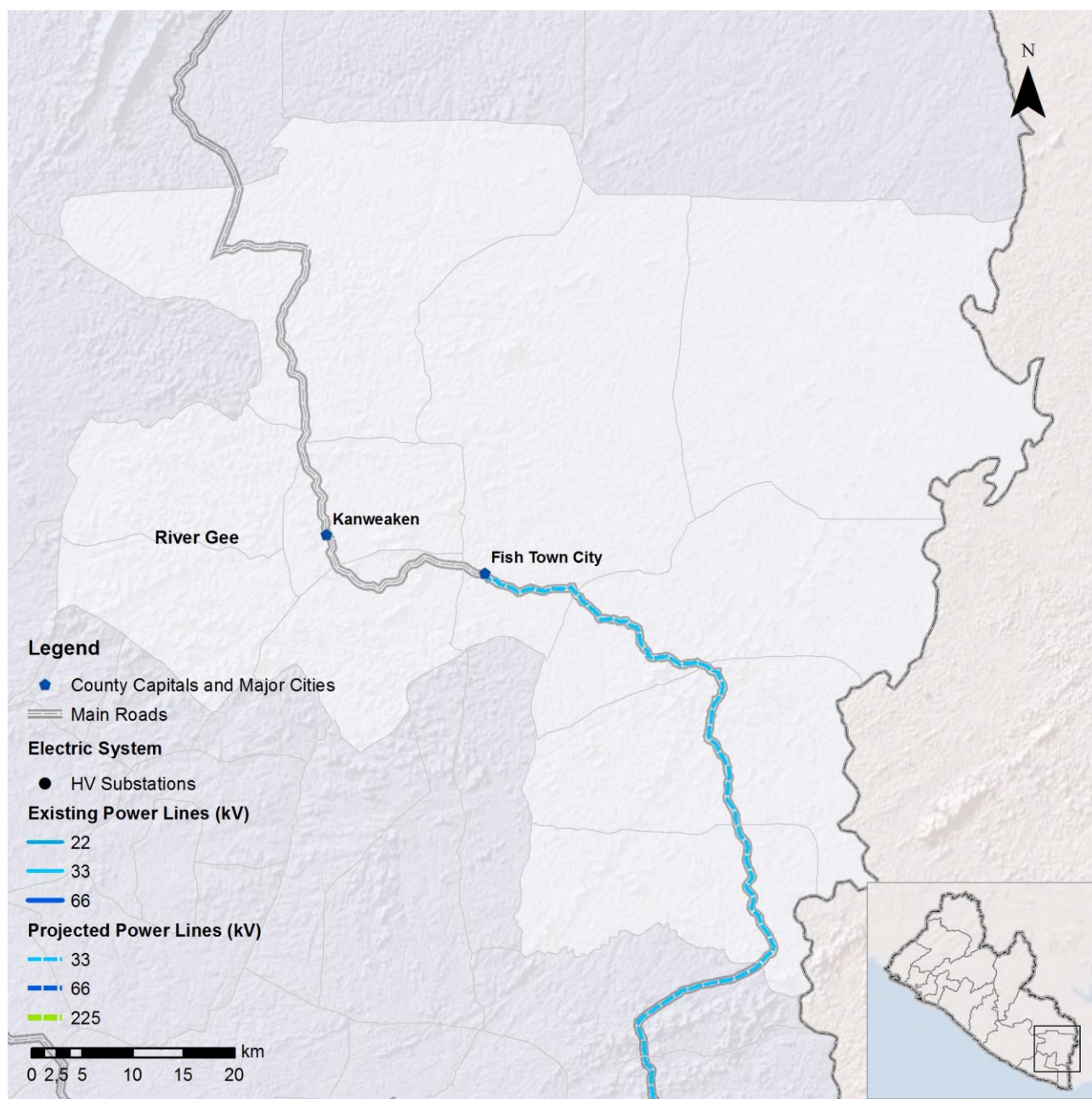


Figure 2.13 – Existing and Planned Infra-Structure in River Gee County.

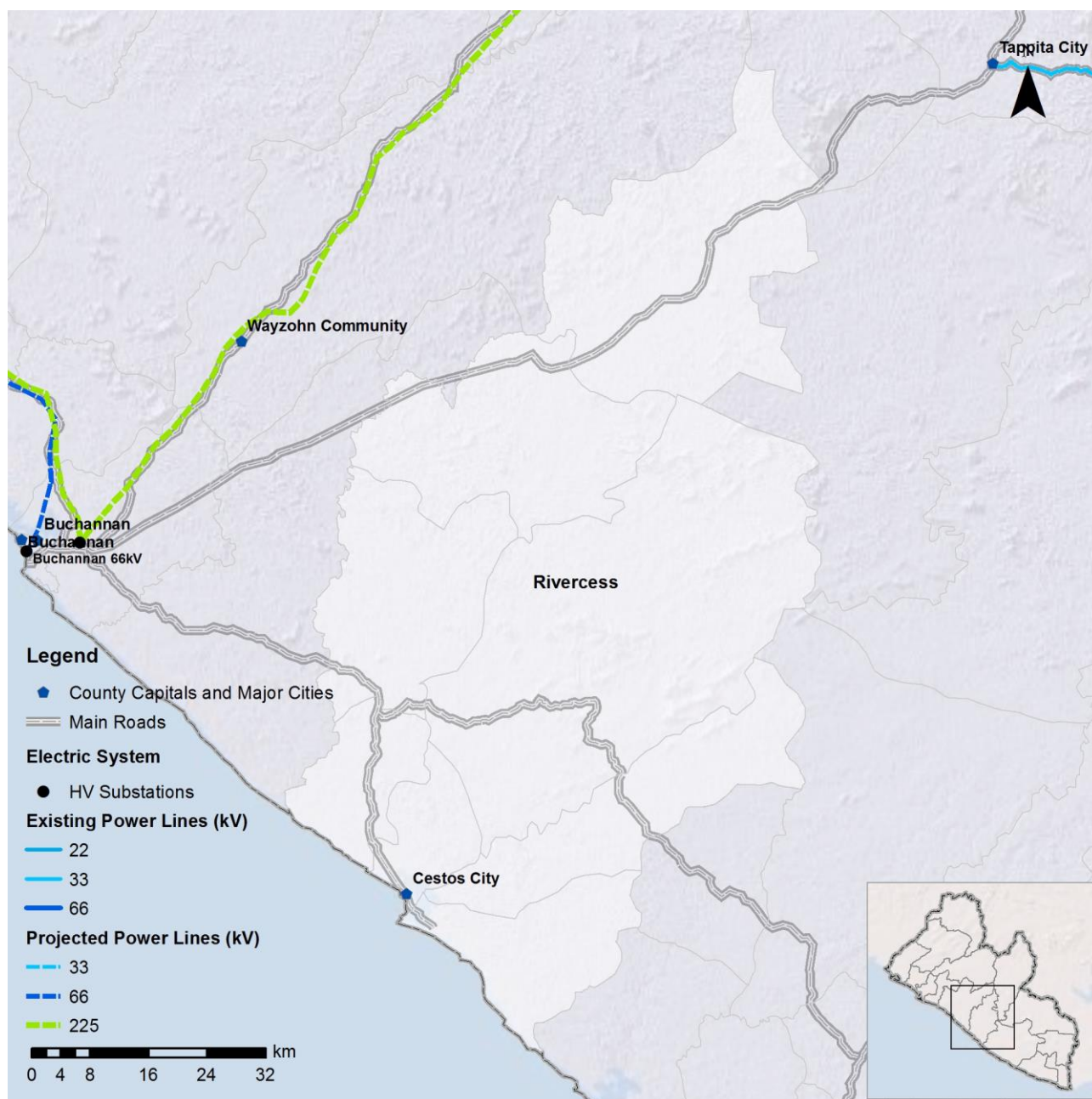


Figure 2.14 – Existing and Planned Infra-Structure in Rivercess County.

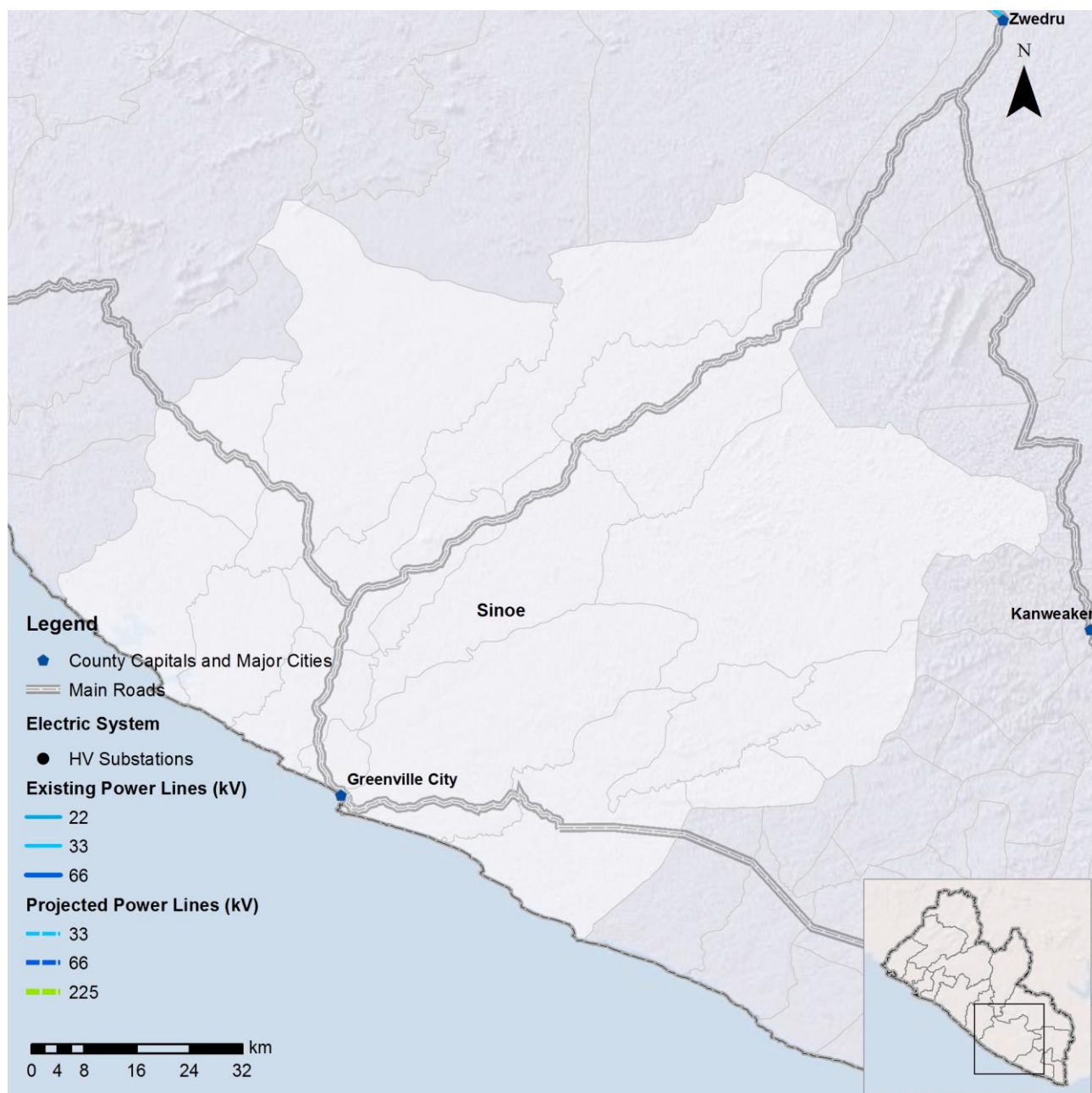


Figure 2.15 – Existing and Planned Infra-Structure in Sinoe County.