

Power Production

Overview: *The Power Production Division* operates electric power substations in the City limits on Trent Road and on Glenburnie Road and at a point-of-delivery site in the Havelock area. The division installs and maintains a SCADA (Supervisory Control & Data Acquisition) system for control and monitoring of the entire electric system. It also maintains and operates a load control system (industrial peaking generation systems, residential load control management) used monthly during peak load times.

The division handles the testing, repair, and disposal of all distribution transformers and maintains records according to EPA (Environmental Protection Agency) rules and regulations. It oversees all system-wide contract underground locating and performs primary fault locating as needed by Distribution crews.

Personnel: There are 4 positions budgeted in this division. There is no request for an additional position.

Operations: The over-riding issue of this division is in budgeting for New Bern's power costs. The cost of power next year is estimated to be \$38,588,418 with a consumption of 463,593,412 kilowatt hours. That amount represents an approximate 0.5% increase in usage over the estimated amount this year. Predicting usage is very difficult because the role played by weather over the course of the entire year is predominating. This prediction is based on experience over the last three to four years and anticipates no change in the current rate structure of the either the Power Agency or New Bern.

Capital: There are three capital requests this year.

Replace last two oil 1950's breakers at Trent substation.
\$39,000 - Recommended
installment.

Purchase three voltage regulators. \$56,000 - Recommended
installments.

Replace 1991 Chevy Astro Van with mileage of 95,000 miles with a 3/4 ton truck and a utility work body. \$35,000 – Recommend direct purchase

There is also a request for a \$2,750,000 substation in this budget that has been removed. If done, this will need to be a separate project.

Fund:	Electric Fund	Number of Full-Time Equilant Employees:	4
Department:	Electric	Number of New Positions Requested	0
Division:	Power Production	Number of New Positions Recommended	0

Account Number	Description	Lyr Act.	Act To Dte	Current	Estimate	Request	Recomm
5311-9610-61101-760	Salaries & Wages Regular	129,745	117,743	174,500	147,000	181,521	181,521
5311-9610-61121-760	Salaries & Wages Overtime	3,990	1,319	4,500	2,000	4,500	4,500
5311-9610-61131-760	Salaries & Wages Standby	500	371	1,600	200	1,600	1,600
5311-9610-61141-760	Salaries & Wages Call Back	10,278	7,568	12,000	10,000	12,000	12,000
Salaries Sub-Total		144,513	127,001	192,600	159,200	199,621	199,621
5311-9610-62110-760	Social Security Tax	9,133	7,708	11,940	9,871	12,377	12,377
5311-9610-62112-760	Medicare Tax	2,136	1,803	2,790	2,309	2,895	2,895
5311-9610-62210-760	State Retirement	7,345	5,506	9,460	7,817	9,802	9,802
5311-9610-62220-760	401K Supplemental Retirement	8,975	6,728	11,560	9,552	11,978	11,978
5311-9610-62810-760	Health/Life Insurance	24,439	32,023	34,880	34,880	32,400	32,400
Fringe Benefits Sub-Total		52,029	53,768	70,630	64,429	69,452	69,452
Personnel Services		196,542	180,769	263,230	223,629	269,073	269,073
5311-9610-71160-760	Electrical Eng Profession:	5,000	29,000	29,000	29,000	29,000	29,000
Professional Services		5,000	29,000	29,000	29,000	29,000	29,000
5311-9610-72130-760	Employee Travel & Training	1,734	587	510	750	1,500	1,500
5311-9610-72210-760	Telephone Service	965	1,818	2,200	1,600	2,200	2,200
5311-9610-72310-760	Utilities	612	553	1,100	700	900	900
5311-9610-72410-760	Printing	0	0	500	0	500	500
5311-9610-72510-760	R & M - Buildings	302	0	500	400	6,900	6,900
5311-9610-72520-760	R & M - Equipment	24,415	310,718	200,000	400,000	250,000	250,000
5311-9610-72532-760	Central Garage Charges	6,623	5,869	5,484	5,484	5,484	6,741
5311-9610-72576-760	R & M - Transformers & Switches	64,028	57,343	45,000	60,000	45,000	45,000
5311-9610-72862-760	PCB Expenses	2,335	1,421	5,000	3,500	5,000	5,000
5311-9610-72864-760	Rebate Program	81,300	31,950	45,000	40,000	45,000	42,500
5311-9610-72866-760	Load Management Program	15,172	38,475	25,000	35,240	25,000	25,000
Current Oblig. & Ser.		197,485	448,734	330,294	547,674	387,484	386,241
5311-9610-73180-760	Miscellaneous Equipment	0	632	1,500	1,300	1,500	1,500
5311-9610-73210-760	Service & Maintenance Contracts	109,037	96,584	70,000	114,000	115,000	115,000
5311-9610-73260-760	S & M Contracts - General	32,712	40,675	38,000	37,000	40,000	39,000
5311-9610-73290-760	Other Contractual Services	2,037	1,280	7,000	2,500	7,000	7,000
Fixed Chgs & Oth. Ser.		143,786	139,171	116,500	154,800	163,500	162,500
5311-9610-74110-760	Uniforms	1,165	2,190	2,450	2,300	2,450	2,450
5311-9610-74510-760	Central Fuel Charges	4,424	3,887	4,200	4,000	5,000	5,000
5311-9610-74610-760	Office Supplies & Materials	518	389	300	230	300	300
5311-9610-74710-760	Purchases for Resale	37,046,075	32,507,270	38,417,320	38,846,330	38,263,727	38,588,418

5311-9610-74910-760	Other Supplies & Materiz	12,478	5,490	7,000	6,600	7,000	7,000
5311-9610-74944-760	Fuel Charges Non-Highw	139,059	62,729	145,000	105,000	120,000	120,000
5311-9610-74990-760	Miscellaneous Supplies	38,017	65,045	18,000	17,000	18,000	18,000
5311-9610-74996-760	Storm Supplies - Ophelia	517	0	0	0	0	0
Supplies & Materials		37,242,252	32,647,000	38,594,270	38,981,460	38,416,477	38,741,168
5311-9610-75142-750	Substation Equipment	0	0	0	0	39,000	0
5311-9610-75190-750	Other Equipment	0	1,677	82,680	1,677	56,000	0
5311-9610-75192-750	I/P Other Equipment	0	51,645	65,000	55,130	0	95,000
5311-9610-75210-750	Motor Vehicles	0	16,260	19,000	16,260	35,000	0
5311-9610-75212-750	I/P Motor Vehicles	0	0	0	0	0	35,000
5311-9610-75501-750	Stately Pines Substation					2,750,000	0
5311-9610-75559-750	I/P Walmart Project	81,448	0	0	0	0	0
Capital Expenses		81,448	69,582	166,680	73,067	2,880,000	130,000
5311-9610--750	Unassigned	0	0	0	0	0	0
Contracts, Grants, Alloc.		0	0	0	0	0	0
5311-9610-77101-790	I/P Principal Payments	115,008	128,449	130,657	128,470	101,885	101,885
5311-9610-77201-795	I/P Interest Payments	8,200	8,117	9,147	8,121	6,508	6,508
Installment Payments		123,208	136,566	139,804	136,591	108,393	108,393
Power Production TOTALS:		37,989,721	33,650,822	39,639,778	40,146,221	42,253,927	39,826,375