

Proposed Power Design for Durham LMR Tower and Tank Site

February 6, 2020

Based on information provided by 2-Way Communications, the existing Durham LMR system requires maximum 240VAC-30A and future municipal carriers would require similar service.

For tower Options A and B, consider a 240VAC-200A service feed to the proposed Durham LMR Tower site. This will provide:

- 1x 50A HVAC Circuit
- 2x 30A Municipal Radio Systems Circuits (1x reserved future)
- 1x 15A Lighting Circuit
- 1x 20A Convenience Outlets Circuit
- 1x 20A Generator Block Heater/Battery Charger
- 2x 20A General Purpose Circuits for Water Tank use

Include 2x 4" PVC conduits for future telecommunications circuits. Presume new trenched utility run from Right of Way on Beech Hill Road along existing utility easement. Eversource to provide further details under separate cover.
