APPENDIX C (Available Fault Current Sheet)

Date: _____

To: EPB Energy
Engineering
PO Box 182255
Chattanooga, TN 37422-7255
Email: buildershotline@epb.net, Acct Setup #423-648-1372

From: _____

Phone: _____

Email/Fax: _____

Project Name: _____

Address: _____

Type of facility: _____

Total occupied area (omit walks, patios, etc.) _____ Sq. Ft. Number of Units: _____

Type of service: ☐ Underground ☐ Overhead (by written exception only)

Size of main line switch (s) or service equipment: _____ Amps

Number of conduits: _____ Number of conductors per phase: _____ Conductor size _____

Requested Voltage: _____ # of wires (2, 3, or 4): _____ 1 Phase ☐ 3 Phase ☐

Connected Load: ***FOR MDUs, DO NOT INCLUDE RESIDENTIAL UNIT LOADING BELOW. ONLY HOUSE METERS.**
***INCLUDE ALL COMMERCIAL LOAD BELOW.**

Air conditioning (tons, hp, kW)	_____	1 Phase ☐	3 Phase ☐
Heating (kW)	_____	1 Phase ☐	3 Phase ☐
Lights (kW)	_____	1 Phase ☐	3 Phase ☐
Total motor load (hp, kW)*	_____	1 Phase ☐	3 Phase ☐
Total Other i.e EV chargers, etc (kW)	_____	1 Phase ☐	3 Phase ☐

* List all motors and their use, 10 hp and larger: _____

For additional space, use attachment. Attach site plan (if available) and indicate desired point of service.

Type Metering:* ☐ Self-contained ☐ CT ☐ CT/VT ☐ Trans-socket (37"x37"x14")

☐ Pre-wired Pad (*EPB written approval only) *See EPB Metering Guidelines

Other meters (existing or planned) at this location? ☐ NO ☐ YES *(If yes, attach sketch of proposed metering installation.)*

Metering equipment (includes meter socket, CT's, VT's) location on customer owned structure:

☐ Exterior building wall ☐ Pedestal ☐ Other _____

Signed _____ For _____

Comments _____

Any exceptions to EPB's standard metering practices shall be by written approval. For a copy of EPB's metering requirements please call EPB @ 648-1BIZ or email EPB @ buildershotline@epb.net.

EPB USE ONLY BELOW THIS LINE

Based on the above information, the proposed transformer size is _____ kVA at _____ volts _____ phase.

The available fault current is estimated to be _____ amperes symmetrical at the transformer terminals.
The above calculated symmetrical fault current does not include any motor contribution. Future transformer changes or service size changes will invalidate the above fault current values. Utility design work to serve the above described facility will not be started until EPB has been officially notified of the firm loads to be served.

Signed _____ Title _____ Date _____