

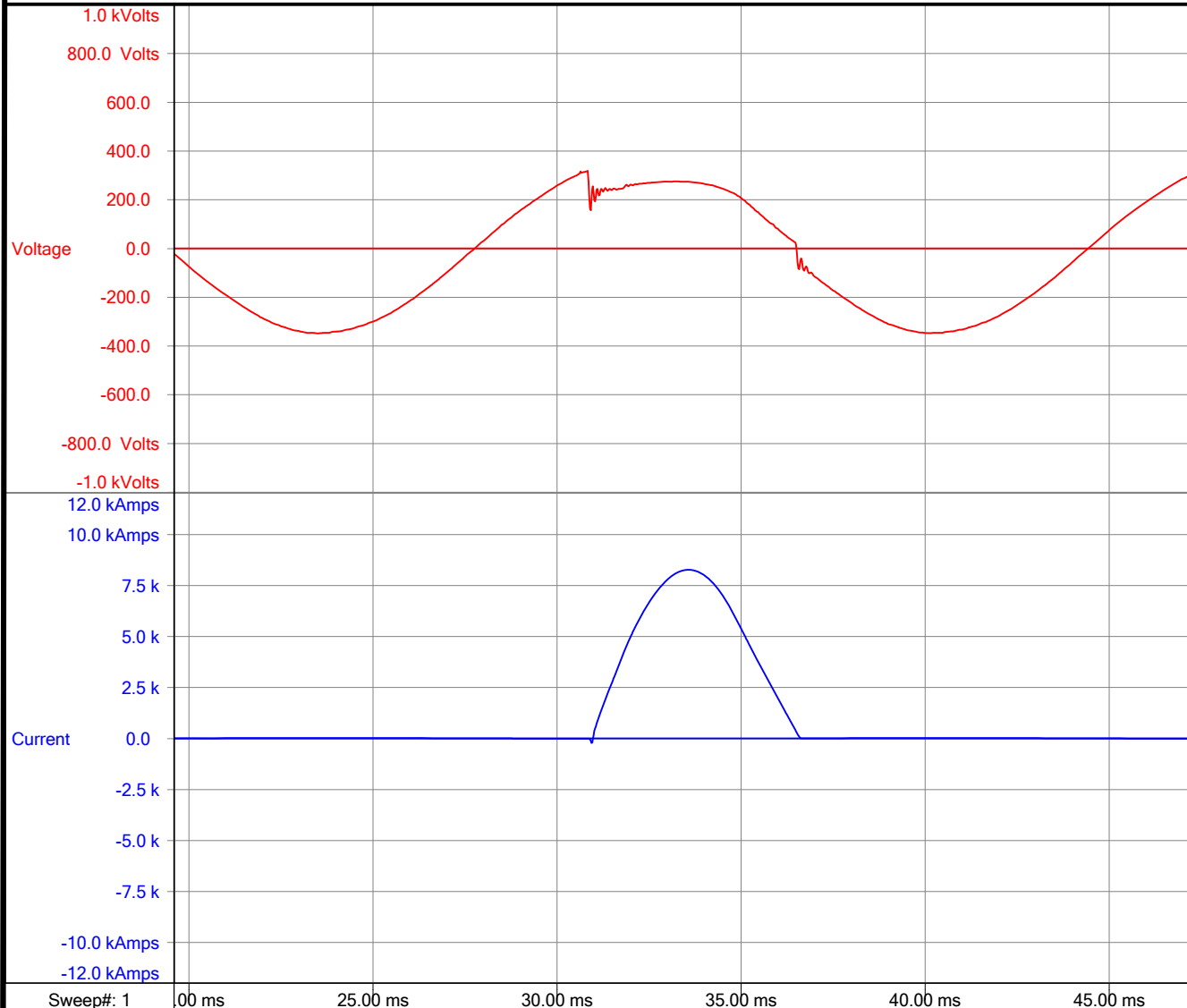
Oscillogram No.: **HPL3-77401** OCV = **240 V**
Date of Test: 10/4/2023 Time of Test: 9:18:04 AM

AVAILABLE CIRCUIT CHARACTERISTICS:
Osc. No: 59187 Calibration Date: 1/11/2023
OCV = 240 V Rms Sym Current = 10.12 kA
Power Factor = 49%



High Power Laboratory, HPL3 Facility
Cedar Rapids, Iowa, USA

Project No.: 6000001332 TestFlow No.: TESLA
Test Device: Eaton 10kA MAIN w/ Square D 125 Branch
Sample No.: Test 5



ANALYSIS RESULTS TABLE

| | |
|--------------------|------------------------------|
| Closing Angle | 57 Deg. |
| Closing time (V0)+ | 2.650 m Sec |
| Peak Current (Ip) | 8.282 k Amps |
| Time to Ip | 3.177 m Sec |
| I ² T | 183.4 k Amp ² sec |
| I Duration | 6.207 m Sec |

Performance Observations

| | |
|---|-----|
| Was the Breaker Tripped after the test? | Yes |
| Could the Breaker be Reset? | Yes |
| Did it have continuity in all poles? | Yes |
| Was the Enclosure Fuse Opened? | No |

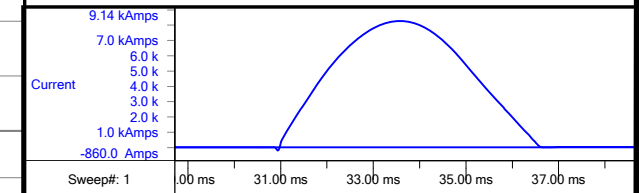
Comment Section

MAIN & Branch Tripped

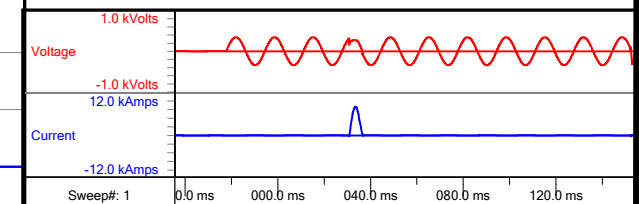
"CO" to Main

IntertekWitness: Dipesh Patel

Analysis results are based on this data



TOTAL VIEW



INSTRUMENTATION DATA

Data Recording System: HBM GENST C/N 063-163

Voltage "A": 100X Scope Probe, C/N 131-554, 1%

PLOT FILE HPL3 CR_1_M

Current "A": Rogowski CT Coil, C/N 045-444

NOTE: Channel offset removed for analysis,
but not for display.

OSC. NO.: HPL3-77401