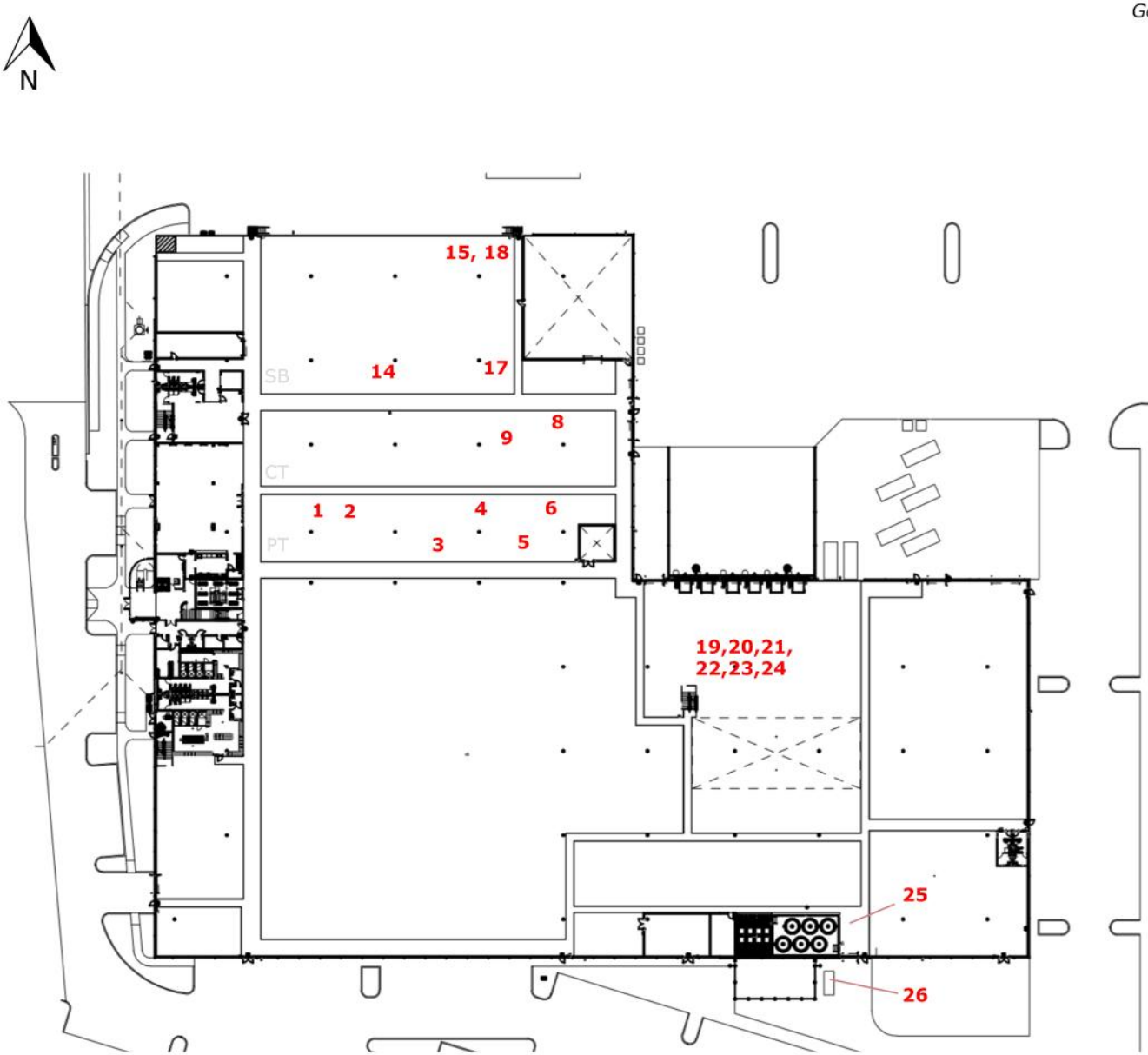
GeITIConstruxPermitFigure2FinalDraft.sdr



Project Flag/Power
Instrument Transformers
Clearwater, Florida

ID	Source	Proposed Emiss. Unit
1	Degreaser	003
2	Cast Coil	003
3	***Paint Booth***	***004***
4	Secondary Dipping	003
5	Molding Station	003
6	CT Final Assembly	003
7	Dress Assembly	003
8	Stycast	003
9	Molding Station	003
10	Deflash	003
11	CT Dip Station	003
12	CT Cast Coil	003
13	TIG Weld/ Assembly	003
14	SuperBute Degreasing	003
15	Zinc Spray Booth	003
16	Mold Maintenance/Spray Booth[1]	003
17	Elastomeric Fill Application	003
18	***Touch-up Booth***	***005***
19	Multi-Stage Pre-Treat Washer	*006*
20	Dryer	*006*
21	***Robotic Primer Coat Paint Booth***	***006***
22	IR Dryer	***006***
23	***Robotic Top Coat Paint Booth***	***006***
24	Dryer	***006***
25	Dielectric Fluid Storage Tank Farm	EXEMPT
26	**Diesel-Fired Emergency Generator**	EXEMPT

Bolded Items are subject to State RACT or Federal NSPS/ NESHAPs Standard

Figure 2
Site Plot Plan (Project Flag/Project Power)
GE Energy Managment- Instrument Transformers
Clearwater, Florida

GeITIConstruxPermitFigure3.sdr

Facility-Wide Simplified Manufacturing Process Flow

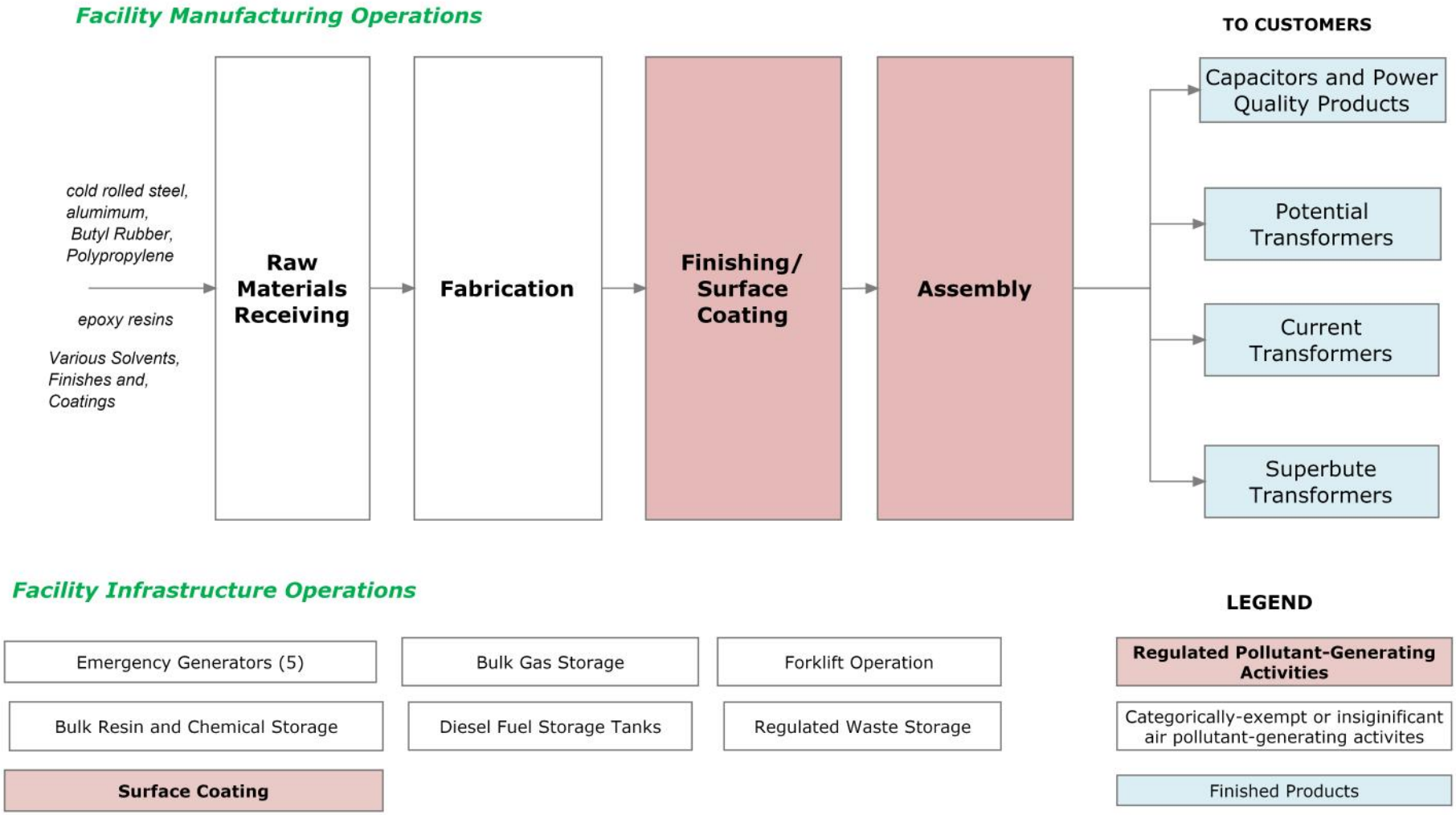


FIGURE 3
FACILITY -WIDE MANUFACTURING SIMPLIFIED PROCESS FLOW
GE ENERGY MANAGEMENT-INSTRUMENT TRANSFORMERS (Project Flag/ Project Power)
CLEARWATER, FLORIDA

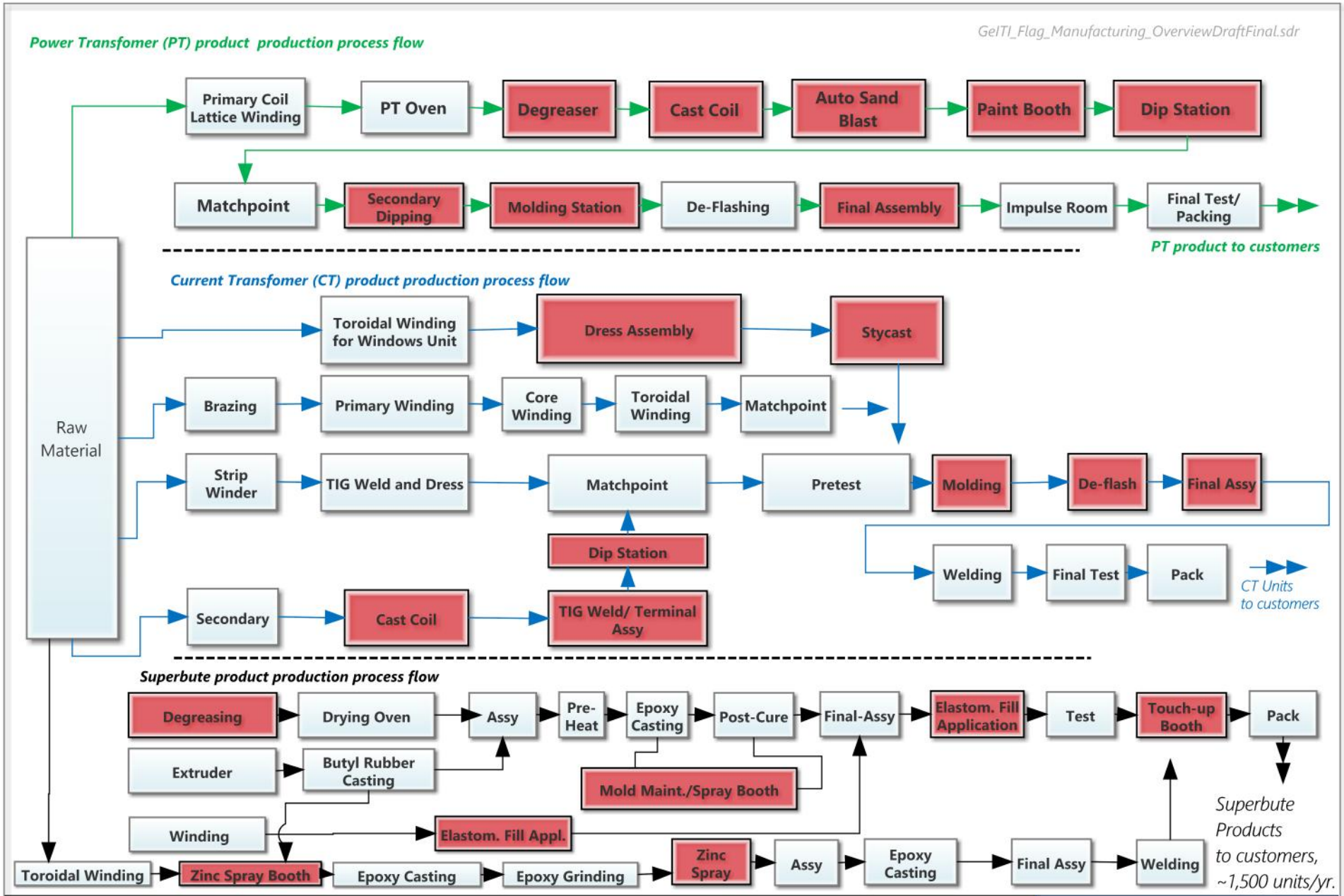


FIGURE 4
TRANSFORMER (PT, CT, & SuperBute) PRODUCTION PROCESS FLOW (Project Flag)
GE ENERGY MANAGEMENT-INSTRUMENT TRANSFORMERS
CLEARWATER, FLORIDA

Process

Note: Red Boxes denote Regulated-Pollutant Emissions sources

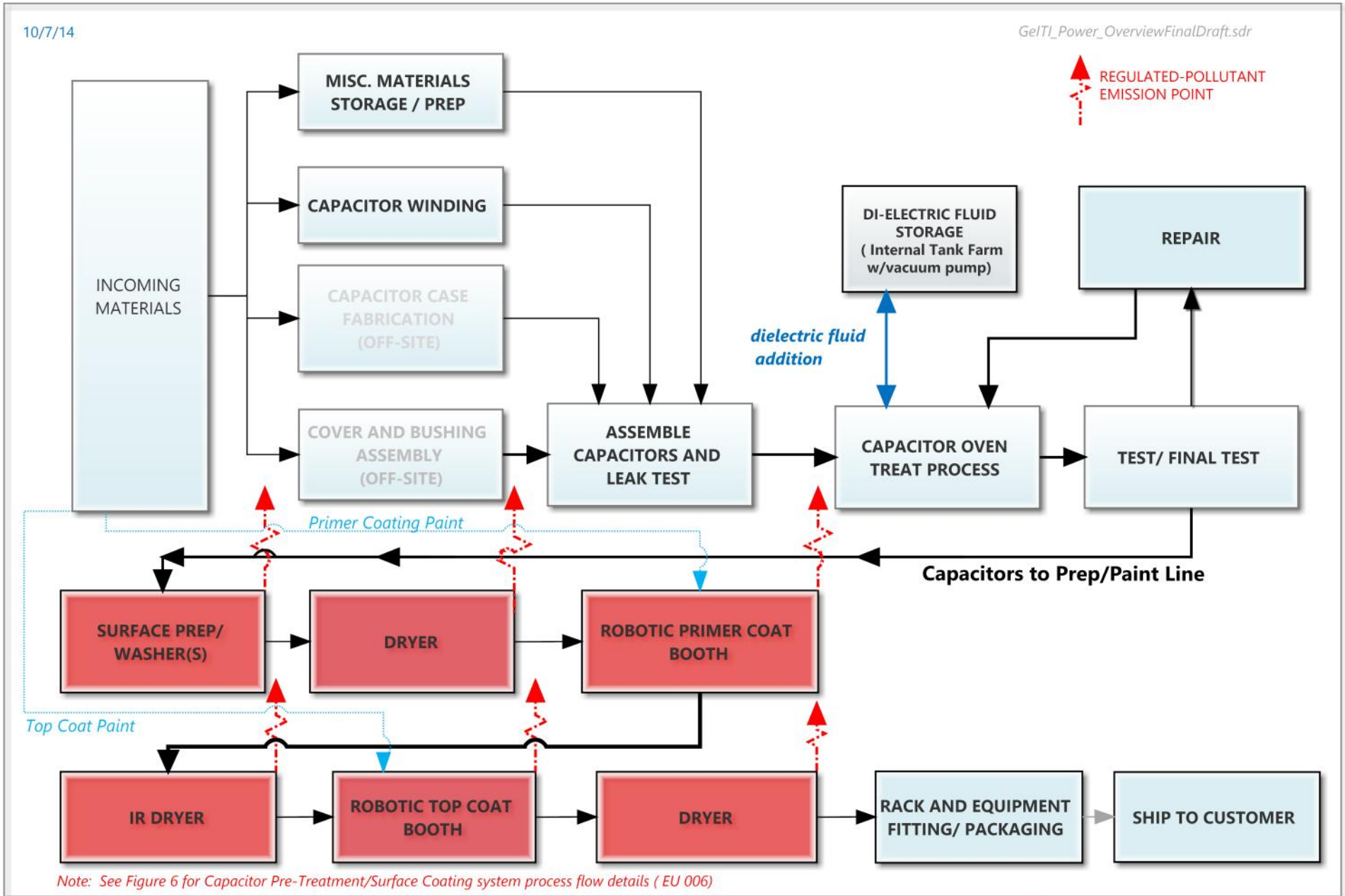
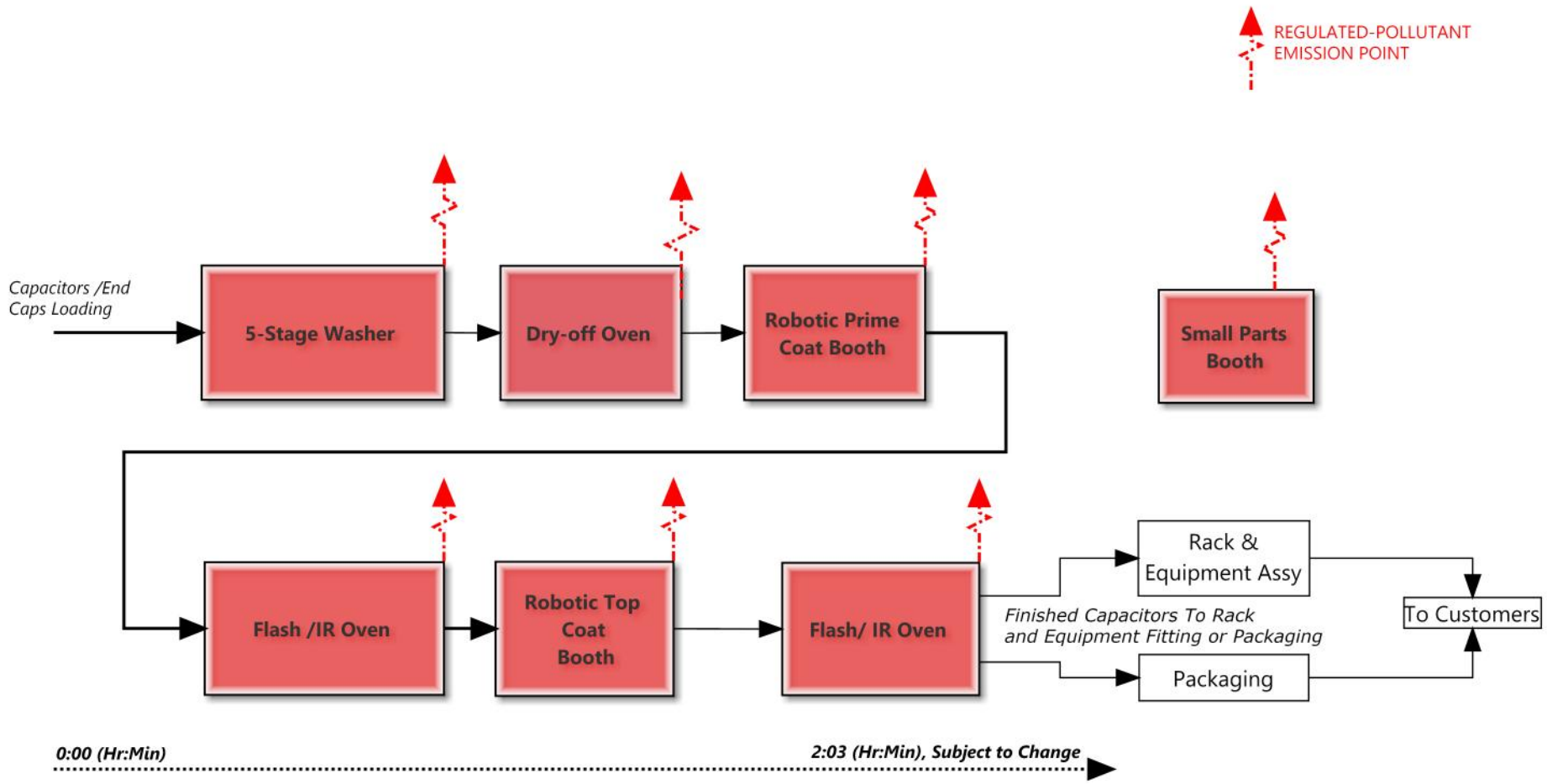


FIGURE 5
CAPACITOR MANUFACTURING PROCESS FLOW (Project Power)
GE ENERGY MANAGEMENT- INSTRUMENT TRANSFORMERS
CLEARWATER, FLORIDA

10/07/2014

Figure6GeITI_Power_Washer_Coating_Detail.sdr



Process Inputs			
Parameter	Units/Rate	Typical	Maximum
Unfinished Cases/Caps	Lbs/Hr	TBD	5,000
Water	gpm	TBD	TBD
Natural Gas	BTU/ Hr	TBD	6.084 Million
Primer Coating	Pounds/ Year	TBD	33,660
Top Coat Paint	Pounds/ Year	TBD	29,108

Note: Final system is subject to minor equipment changes/substitutions

Figure 6
Conveyorized Capacitor Washer/Surface Coating System Detail
GE Energy-Instrument Transformers, Inc.
Clearwater, Florida