



**PROJECT DETAILS AND PROGRESS:**

**Contract 140094 – Site Preparation, Service Building, Foundations, and Underground Installations**

- Installed roof and wall sheeting for crane area, ridge cap, framed walls and studs electrical service, sheet rock, and CMU walls for Service Building
- Formed, tied rebar, and placed concrete for water mist fire protection skid pad in Service Building
- Excavated, installed, and placed concrete for duct bank from Pull Vault 2 to CEMS, to oily drain tank, and to lift station, backfilled
- Removed forms from 115kV piers, gas coalescing filter foundations
- Formed, tied rebar and placed concrete for 115kV circuit breaker pad, inlet air ladder pad, water mist fire protection and pipe support pier
- Installed beams and grating for UAT containment
- Removed coating, insulation and adjusted flange elevation of 6" stainless fuel gas piping (6-FG02) from gas coalescing filter to fuel gas module
- Excavated and installed 6" fire protection (6-FP01), FP01-V6 and fire hydrant FH-02, FP01-V5 and fire hydrant FH-01, 8" fire protection post indicator valve FP01-V3, and backfilled
- Excavated trench for 8" fire protection (8-FP01) at Heskett Unit 1/2 plant and installed tie-in 01 12"x8" PVC reducing tee on existing 12" line and FP01-V1 and backfilled
- Excavated and installed 135 L.F. of 18" RCP to manhole 1, and set structure, installed 75 L.F. of 18" RCP to Area Inlet 1 and set structure, and backfilled
- Formed and set bolts and placed concrete for CEMS foundation
- Tied rebar and placed concrete for CT fill slab and trench drain
- Drilled light bases and installed rebar
- Accepted delivery of stormwater outlet structure, CMU wall materials, and crane rail

**Contract 140095 – Mechanical and Electrical Installation**

- Turbine arrived at the Heskett Unit 1-2 plant Wednesday, September 18<sup>th</sup>
- Generator arrived at the Heskett Unit 1-2 plant Thursday, September 19<sup>th</sup>
- Barnhart cut welds of turbine from train car and loaded onto heavy haul trailer (Goldhofer) and moved on rails above foundation
- Installed grout for generator fixators
- Assembled 115kV A-Frame structure material
- SPX installed materials and equipment on GSU, filled with oil, and tested out
- Moved water wash skid to NE side of foundation
- Accepted delivery of water wash skid, fuel gas skid, closed cooling water piping and steel, exhaust duct and stack, turbine accessory base, GE turbine Connex, and heat exchanger pump skid

**PROJECT OPEN ITEMS / CONCERNS:**

- None at this time
- Construction Equipment: 2 skid steers (CAT 247B, 262), back hoe (Deere 310G), 2 forklifts (JLG 944E-42, CAT TH103), mini excavator (CAT 304CR), 30 ton rubber tire crane (Terex), 4 track hoes (CAT 320 CL, CAT 345C, Deere 130G, Doosan 350LC), sheep's foot roller (CAT CP-433C), front-end loader (CAT 950G), dozer (CAT D6N), 3900 crawler crane, 40-ton rubber tire crane, fork lift (JLG Skytrak)
- Visitors: Pete Thiessen (MDU)

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R.M. Heskett Station Unit 3  
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CT fill slab and trench drain concrete placement (looking S)



Service Building CMU wall installation (looking SW)

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GE Turbine accessory base offloading (looking SW)



GE turbine jack and slide installation (looking S)