



PROJECT DETAILS AND PROGRESS:

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

- Installed trim, sheet rock, column box-outs, electrical rough-ins, lights, and CMU wall for Service Building
- Installed bollards at fire hydrants FH-01, FH-02, FH-04, FH-05, and Service Building corners
- Placed concrete for oily drain tank, A/C pads for Service Building, and 115kV circuit breaker pad, removed forms
- Removed forms from CT fill slab and trench drain, CEMS, water mist fire protection, and inlet air ladder pad
- Installed beams for GSU and UAT containment grating
- Installed grounding inside of PEECC and to 115kV A-Frame structure
- Installed stormwater basin Outlet Structure 12, 40, L.F. of 30" RCP to flared end section 13 and set structure
- Installed 8" fire protection (8-FP01) and 4" service water (4-SW01) from plant and on east side of site, installed valve FP01-V4 and fire hydrant FH-03, post indicator valve FP01-V2, and backfilled
- Excavated and installed 2.5" wash water (2.5WW06) pipe in trench from water wash skid foundation and backfilled
- Installed 2" gas line (2-FG08) HDPE to carbon steel transition and stub-up at gas house and backfilled
- Removed and relocated north water wash skid anchor bolts
- Installed Pull Vault 1A for duct bank along 230kV substation
- Finished grading throughout the site
- Drilled light bases and installed rebar
- Placed concrete on duct bank near gate and to D101CA and backfilled
- Installed 1" clean crushed surface rock
- Removed Class 5 aggregate from heavy haul road east of turbine and installed for north service road and Service Building parking area

Contract 140095 – Mechanical and Electrical Installation

- Placed turbine, generator, PEECC, and wash water skid onto respective foundations
- Installation and set-up in the PEECC cable pit
- Placed electrical equipment, set cabinets and switchgear inside Service Building electrical room
- Bush hammered water wash skid, closed water module foundation, and gas coalescing filter foundation
- Assembled and erected 115kV bushings on A-Frame, disconnect switch, and bus support
- Set 115kV circuit breaker
- Removed EMH-5 cover
- Accepted delivery of 12 loads of inlet air filters components, electrical cable, exhaust ladders and steel, two PEECC A/C units, three humidity sensors, two crates of turbine parts, three crates of control cabinets, GNAC, GCBC and accessories, and expansion joints

PROJECT OPEN ITEMS / CONCERNS:

- Veit hit a 2" PVC low pressure gas line on the northwest side of site at the concrete washout. MDU Gas was contacted. The gas line was turned off, repaired, and put back into service.
- 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-

completed by: Aaron Armbrecht

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59

PU-11-631

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MDU Heskett 3 progress report - week ending
9-23-2013



SITE WEEKLY REPORT
MONTANA-DAKOTA UTILITIES CO.
R. M. HESKETT STATION UNIT 3

Week of 9/23/13
PSC: PU-11-631



end loader (CAT 950G), dozer (CAT D6N), 3900 crawler crane, 40-ton rubber tire crane, fork lift (JLG Skytrak)

- Visitors: Pete Thiessen (MDU)

Montana-Dakota Utilities Company
R.M. Heskett Station Unit 3
Project No. 11-0274-04



Stormwater basin outlet structure installation (looking NE)



PEECC offloading and installation (looking SW)

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115kV A-frame structure installation (looking SE)



GE generator jack and slide installation (looking S)