AMPCO Interrogatory #93

Interrogatory

Reference: Ex D2 T2 S10 P12 Chart 2

In Chart 2, OPG provides capital additions by year.

Please provide a breakdown and description of the components placed in service by year.

Response

Please see the chart below.

Chart 1: Breakdown and Description of Components Placed In-Service

Year	In-Service Amount ($M)	Description of Facilities or Equipment
2014	14.6	*Site Preparation and Services Relocates* • Daylighting and C13 soil lay down pad • Removal of abandoned water line, air line and steam and condensate lines • Relocation of yard drainage piping, LPSW line, helium line, argon tank and piping, oxygen tank and piping *T1301 Outage Tie-ins* • Installation of feed and product tie-in pipe, valve and cap to HWMB/TRF • Tie-in steam and condensate • Tie-in inactive drainage *F1 Soil Laydown Pad* • Constructed F1 soil lay down pad
2016	160.0	*Seismic Dike* • Construction and installation of seismic dike top slab with embedded active drainage, grounding, beetles conduits, and flat bars including necessary excavation,

		dewatering, supply and construction of caissons, structural steel and columns. *Unit 2 Flow Path* • Installation of five 100m^3 PHT storage tanks, and necessary pipe hangers, valves, pumps, and piping to connect the tanks to the HWMB/TRF
2019	320.9	*Process and Building Support Systems*: • Telephone and LAN; Public Address; Breathing Air; 13.8kV Power; 600V Power; 120V Power; Lighting and Receptacles; Grounding; Cable Trays; UPS; Backup Generator; DCU4 Annunciations; Chilled Water; Domestic Water; Demineralized Water; Fire Water; Fire Detection Smoke Detectors; Instrument Air; Service Air; Building Structure Above 100 Elevation; Moderator; Heat Transport; TRF Feed and Product; Downgraded D2O; D2O Cleanup; Active Drainage; Inactive Drainage; Heating Steam, Condensate and Ventilation; and Stack Monitoring
March 2020	8.4	*Process and Building Support Systems*: • D2O Drum Handling Vacuum Tan; Fire Alarm System Control Panel; Gama Monitors; Tritium Air Monitors; HVAC Control; Personal Contamination Monitors (Whole Body, Hand and Foot, etc.); Weight Scale; Stack Monitor
December 2020	4.8	*Completion of Commissioning and Closeout* • Final commissioning of the PHT D2O system; Completion of filter efficiency tests with OEM vendor; Documentation Closeout for Drawing Office, Field Engineering and Design support; Site Cleanup and Final housekeeping
2021	[0.6]	*Completion of Commissioning and Closeout* • Final commissioning of the moderator and feed and product D2O systems; Design Authority and Operations Manager deemed the building available for service.
Total	**509.3**	