

# Customer Funding Progress Report

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# Section 212 Program Update

- Program and Project Overview

- Path Forward



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# Program and Projects Overview

- Master Plan revision has been provided for back-check
- LRN/HDC Program Interaction
  - Met March 12 to discuss upcoming work, process improvements
- Sub-Agreement #5 Approved March 26, 2014
  - Headworks/Intake Equipment at WOL, CEN, DAL
  - OLD Water Cooling Piping
  - BAR MV Cables Engineering/Design and Acquisition



# Program and Projects Overview

## Revenue to Date

Reporting Period	Cumulative Revenue	Section 212 Program Revenue				
Cumulative thru March 31, 2014	\$141,448,620	Revenue Received				
Legacy Total (2004-2009)	\$45,000,000	L-T Sub-Agreement #1	L-T Sub-Agreement #2	L-T Sub-Agreement #3	L-T Sub-Agreement #4	L-T Sub-Agreement #5
Cumulative L-T MOA	\$96,448,620	\$25,000,000	\$25,000,000	\$25,000,000	\$21,448,620	\$0



# Program and Projects Overview

- Center Hill Major Hydropower Rehab

- Ballot 3 executed Feb. 26, 2014 (\$74.9M)
- Contract review by Principal Assistant Responsible for Contracting (PARC)
- Award in May.



- Barkley Unit 1 Rewind

- Contract is complete and being closed

- Barkley Turbine Governors – Unit 3 Kaplan Head

- Unit 3 return to service in May



# Program and Projects Overview

- BAR 22 Barkley Powerhouse Crane
  - Crane re-evaluation drafted, recommend rehab
  - Plans and Specs beginning June
- BAR04 – Barkley MV Cables and Busses Planning
  - Site inspection January 29
  - Draft report July 2014, Final report August 2014
- Center Hill Penstock and Water Passages PED
  - Design complete, project phase to be complete in June
  - Acquisition will be implemented after major rehab completed



# Program and Projects Overview

- WOL26.1 – Wolf Creek Evacuation/Water Depression Controls

- Contract awarded to B&H International on February 28, 2014
- Substantial completion expected July 2014

- WOL33.1 Wolf Creek Thrust Bearing Pressure Lift System – Units 1, 2, 3 & 5

- HDC is reviewing final plans and specifications



- WOL10 – Wolf Creek Penstock Water Passages PED

- Plans and specifications to be complete in June 2014



# Program and Projects Overview

- SYS07.01 System-Wide Turbine Governors
  - Evaluation of Woodward governors in progress
- SYS14 – System-Wide Station Service Power Systems
  - Draft reports for OLD and CEN complete
  - All drafts complete in April, final report complete in June
- SYS01 – CHE & COR Intake Draft Tube Aux. Equipment
  - HDC Phase I inspection of equipment approved on Ballot 4



# Program and Projects Overview

- SYS13.1 – DC Systems Planning
  - Funding increased to \$232K by Ballot #4
  - HDC developing draft reports for BAR and CHE
- SYS06.1 – Excitation Equipment Planning
  - Draft report complete
  - Final report and recommendations – June 2014



# Program and Projects Overview

- SYS05.01 System-Wide Main Power Transformers Planning
  - Project phase to be closed**, Executive Summary provided
- LAU02E Laurel Unit 1 T- G Emergency Assessment
  - Project phase to be closed**– Summary Report provided
- SYS29.01 System-Wide Switchyard Planning
  - Planning phase to be closed.** Executive Summary provided
- SYS03 Sys-Wide Generator Circuit Breaker Replacement
  - Project phase to be closed.** Project Complete (all phases)
- WOL33.2 – Wolf Creek Unwatering Pumps
  - Project to be closed in May.**



# Path Forward

- Execute the Short Term MOA with TVPPA and TVA
- Schedule PRC Teleconference in May to discuss ballots
- Ballots to use Legacy MOA funds, close Legacy MOA projects, and to close L-T MOA project phases
- Provide Executive Summaries for DC System Planning Report, Excitation Planning Report and Barkley MV Cables and Busses Planning Report
- Barkley, Old Hickory and Wolf Creek Hydropower Rehabilitation Analysis Reports (HRAR)
- Old Hickory Turbine Generator Rehabilitation
  - Moving forward with Unit 4 repair planning



# TVA / TVPPA Short-term MOA Path Forward

- Draft MOA ‘socialized’ with HQ counsel since May 2013.
- HQ counsel change last summer.
- After Master Plan approved, will ‘formally’ route MOA for HQ / ASA (CW) approval.



# Path Forward Summary

- Execute S-T MOA
- Next Month
  - Award Center Hill Hydropower Major Rehab contract
  - Return Barkley Unit #3 to service
  - Propose ballots to use legacy MOA funds, close L-T MOA projects/phases
  - Discuss next steps in projects exiting the planning phase
- Next 5 Months
  - Provide summary of Barkley HRAR
  - Complete Barkley MV Cables & Busses Planning, System-Wide Station Service Power Systems Planning, Excitation Equipment Planning
  - Begin Old Hickory HRAR

