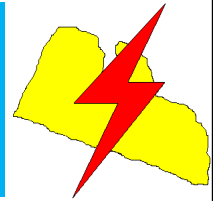




# Mt. Coffee Hydropower Rehabilitation Project

Brief Update: 26 June 2017



**Scope:** Rehabilitation of the hydropower plant (generating units, powerhouse, intake, dam and spillway) and reservoir, the construction of a 132/66 kilovolt (kV) substation at Mount Coffee, two 132/66 kV transmission lines between Mt Coffee and Monrovia, and the expansion of the two receiving substations in Monrovia.

**FUNDERS: MILLENNIUM CHALLENGE CORPORATION (41%), EUROPEAN INVESTMENT BANK (18%), GOVERNMENT OF NORWAY (20%), GOVERNMENT OF GERMANY/KFW (19%), GOVERNMENT OF LIBERIA (2%)**



### Key milestones for upcoming quarter (July – September 2017):

- ◆ Continuation of ongoing works along the Paynesville Transmission Lines
- ◆ Finalizing review of Harrisburg Health Clinic construction
- ◆ Finalizing construction of household latrines and installation of hand pumps for Pay-for-use toilet in Raymond camp
- ◆ Handover of phase 1 of camp
- ◆ Award the contract for the remaining work at the Emergency Spillway
- ◆ Take Over of all four units
- ◆ Complete bridge deck on main spillway and public roads through the facility
- ◆ Ensuring contractor's documentation is completed

### KEY MILESTONES ACHIEVED TO DATE:

- ◆ Accumulated Generation to 21 June 2017: 50 000 MWh
- ◆ All four units were synchronized at the same time to the grid 16 May 2017
- ◆ Bridge deck at spillway is 75% completed
- ◆ Interlocking & Final trip for GSUT-3 completed on March 2, 2017
- ◆ Units 1 and 2 fully handed over to OMTC/LEC
- ◆ Unit 3 has completed its Reliability Test Run
- ◆ Physical Progress on Paynesville Transmission line is 80% completed
- ◆ Excavation to Emergency Spillway is 99% completed



### Status:

- ◆ Project began May 2012
- ◆ Construction began January 2014
- ◆ Stalled during Ebola (August 2014 – February 2015)
- ◆ Construction resumed April 2015
- ◆ Currently ± 86% physically completed
- ◆ Target for first power achieved: 14 December 2016
- ◆ Target for overall project completion: 31 Dec. 2017



**Contractors:** MANITOBA HYDRO INTERNATIONAL : Project Implementation Unit, NORPLAN FICHTNER: Owner's Engineer, VOITH : Hydroelectric Generating Equipment, DAWNUS : Civil Works, ANDRITZ : Hydraulic Steelworks and Auxiliary Systems, NCC : Substations, ELTEL: Transmission Lines, PSM JV : Camp construction and services, HYDRO OPERATION INTERNATIONAL : Operation,