

Verification	Originator	Revised	Approved	Issued
Initials	LD		JS	TJ
Date	02/06/2014		5/14/2014	10/01/2014

ESMS Document

ESMS 4.3.3-2 ED_Objectives, Targets, Programs Summary Table

CARBON EMISSIONS			
Objective			
Reduce carbon emissions from vehicles by 4,285 metric tons by end of FY2018 through the transition from diesel to compressed natural gas (CNG).			
Baseline			
HART chose the FY2013 fleet plan to baseline its carbon emissions by vehicle.			
Target	Performance Indicator	Projected Completion Date	Status/Comments
1. Design and build CNG fueling station and modify maintenance facilities for CNG maintenance	Carbon emissions will be reported each month for CNG vehicles and compared to diesel vehicles	April 2014	Construction nearly complete; in-service testing and training to commence February 2014.
2. Order and place into service 20 paratransit CNG vans		April 2014	First article arrived and remaining vehicles are in production.
3. Order and place into service 8 flex CNG vans		April 2014	
4. Order and place into service 22 CNG buses		March 31, 2015	February 2014 - Purchase of 22 CNG buses approved.
ELECTRICITY CONSUMPTION REDUCTION			
Objective			
Reduce electricity consumption levels 5% from FY2013-FY2015			

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Baseline			
HART's energy-use baseline was defined by preparing a comprehensive analysis of all Hillsborough Transit Authority's facilities. HART will continue to define the potential energy savings by including FY2009 data; staff is in the process of retrieving and incorporating essential data in order to perform a true baseline for energy use. Target date to reassess and conduct energy analysis is 06/30/2014.			
Target	Performance Indicator	Projected Completion Date	Status/Comments
1. Conduct electricity audits for all Hillsborough Transit Authority locations	Target will be monitored and measured on an annual basis as part of the annual Sustainability Program planning process.	FY2010 - FY2013 (Complete) 01/30/2014	HART intends to use FY2009 as baseline; staff is in the process of incorporating FY2009 data; target date to conduct FY2009 electricity analysis is 06/30/2014.
2. Replace inefficient lighting systems		TBD	HART staff will be monitoring electricity consumption on a monthly basis; this will be an on-going task.
3. Educate HART staff		TBD	HART will develop a Sustainability Program in tandem with energy conservation training.
WATER CONSUMPTION REDUCTION			
Objective			
Reduce water consumption levels 2% from FY2013-FY2015.			
Baseline			

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HART's water-use baseline was defined by preparing a comprehensive analysis of all Hillsborough Transit Authority's facilities. HART will continue to define the potential water savings by including FY2009 data; staff is in the process of retrieving and incorporating essential data in order to perform a true baseline for water use. Target date to reassess and conduct water analysis is 06/30/2014.

Target	Performance Indicator	Projected Completion Date	Status/Comments
1. Conduct water audits for all HART locations	Target will be monitored and measured on an annual basis as part of the annual Sustainability Program planning process.	FY2010 - FY2013 (Complete) 01/30/2014	HART intends to use FY2009 as baseline; staff is in the process of incorporating FY2009 data; target date to conduct FY2009 water analysis is 06/30/2014.
2. Replace inefficient water systems		TBD	Staff must first conduct an inventory of quantities and locations of potential cost effective fixtures; then research cost replacement of fixtures.
3. Educate HART staff		TBD	HART will develop a Sustainability Program in tandem with water conservation training.