

Project: Howard County EPC Detention Center
Phase: Phase II Proposal

LIST OF RECOMMENDED MEASURES

Group	ECM	Detention Center
Lighting	Upgrade Lighting & Controls	X
	Optimize Vending Machine Operation	X
Cooling System Upgrades	Chiller replace/repair	X
	Cooling Tower VSD Drives	X
	Chilled Water valves	X
	Chilled water pump VSD	X
HVAC System Upgrades	EMCS Tridium upgrade	X
	EMS upgrades	X
	AHU, RTU VSD	X
	Intelli-hood Controls	X
Heating System Upgrades	HW Reset Schedule	X
	HW Pump retrofit	X
	Hot water pumps VSD	X
	Boiler Replacement	X
Envelope Upgrades	Upgrade Building Envelope	X

The highlighted ECMs from the table above are discussed in the Section titled "ECMs Recommended in Multiple Buildings." (Gray sheets at the beginning of this section.) ECMs specific to this building are described in the following pages.

Project: Howard County EPC Scaggsville PSC
Phase: Phase II Proposal

LIST OF RECOMMENDED MEASURES

Group	ECM	Scaggsville PSC
Lighting	Upgrade Lighting & Controls	X
	Optimize Vending Machine Operation	X
Cooling System Upgrades	Chilled Water valves	X
HVAC System Upgrades	EMCS Tridium upgrade	X
	EMS upgrades	X
	Demand Control Ventilation CO2	X
Heating System Upgrades	HW Reset Schedule	X
	Boiler Replacement	X
Envelope Upgrades	Upgrade Building Envelope	X
Miscellaneous	Pipe insulation	X

The highlighted ECMs from the table above are discussed in the Section titled "ECMs Recommended in Multiple Buildings." (Gray sheets at the beginning of this section.) ECMs specific to this building are described in the following pages.

Project: Howard County EPC East Columbia Library
Phase: Phase II Proposal

LIST OF RECOMMENDED MEASURES

Group	ECM	East Columbia Library
Lighting	Upgrade Lighting & Controls	X
	Optimize Vending Machine Operation	X
Green Initiatives	Provide Green Roof	X
HVAC System Upgrades	EMCS Tridium upgrade	X
	EMS upgrades	X
	Demand Control Ventilation CO2	X
	AHU, RTU VSD	X
Heating System Upgrades	Hot water pumps VSD	X
Envelope Upgrades	Upgrade Building Envelope	X
Miscellaneous	Window Film	X

The highlighted ECMs from the table above are discussed in the Section titled "ECMs Recommended in Multiple Buildings." (Gray sheets at the beginning of this section.) ECMs specific to this building are described in the following pages.

Project: Howard County EPC Central Library
Phase: Phase II Proposal

LIST OF RECOMMENDED MEASURES

Group	ECM	Central Library
Lighting	Upgrade Lighting & Controls	X
	Optimize Vending Machine Operation	X
Cooling System Upgrades	Cooling Tower VSD Drives	X
HVAC System Upgrades	EMCS Tridium upgrade	X
	EMS upgrades	X
	Demand Control Ventilation CO2	X
Envelope Upgrades	Upgrade Building Envelope	X
Miscellaneous	Window Film	X

The highlighted ECMs from the table above are discussed in the Section titled "ECMs Recommended in Multiple Buildings." (Gray sheets at the beginning of this section.) ECMs specific to this building are described in the following pages.

Project: Howard County EPC Recs & Parks HQ
Phase: Phase II Proposal

LIST OF RECOMMENDED MEASURES

Group	ECM	
		Recs & Parks HQ
Lighting	Upgrade Lighting & Controls	X
	Optimize Vending Machine Operation	X
Green Initiatives	Solar Thermal & PV Applications	X
	Daylight Harvesting	X
HVAC System Upgrades	EMCS Tridium upgrade	X
	EMS upgrades	X
	Replace AHU, RTU and/or Condensing Unit	X
	ATC controls for Unit Heaters	X
Controls & Re-CX HVAC	DDC Controls for RTU Setback	X
Envelope Upgrades	Upgrade Building Envelope	X
Miscellaneous	Window Film	X

The highlighted ECMs from the table above are discussed in the Section titled "ECMs Recommended in Multiple Buildings." (Gray sheets at the beginning of this section.) ECMs specific to this building are described in the following pages.

Project: Howard County EPC Dorsey Building
Phase: Phase II Proposal

LIST OF RECOMMENDED MEASURES

Group	ECM	
		Dorsey Building
Lighting	Upgrade Lighting & Controls	X
	Optimize Vending Machine Operation	X
HVAC System Upgrades	EMCS Tridium upgrade	X
	EMS upgrades	X
Envelope Upgrades	Upgrade Building Envelope	X

The highlighted ECMs from the table above are discussed in the Section titled "ECMs Recommended in Multiple Buildings." (Gray sheets at the beginning of this section.) ECMs specific to this building are described in the following pages.

Project: Howard County EPC Gateway Building
Phase: Phase II Proposal

LIST OF RECOMMENDED MEASURES

Group	ECM	
		Gateway Building
Lighting	Upgrade Lighting & Controls	X
	Optimize Vending Machine Operation	X
Cooling System Upgrades	Cooling Tower VSD Drives	X
HVAC System Upgrades	EMCS Tridium upgrade	X
	EMS upgrades	X
	AHU, RTU VSD	X
Envelope Upgrades	Upgrade Building Envelope	X
Miscellaneous	Window Film	X

The highlighted ECMs from the table above are discussed in the Section titled "ECMs Recommended in Multiple Buildings." (Gray sheets at the beginning of this section.) ECMs specific to this building are described in the following pages.