



ODRC Sustainability Goals

- Utilities
- Waste
- Land, Animals, & Plants
- Fleet
- Behavior

- Reduce total DRC energy consumption and water consumption by 2% each year over the previous year from 2017 through 2020.
- Reduce total waste sent to landfill by 25% by 2020 from a 2017 baseline.
- Increase partnerships to support habitat conservation efforts with other state and local agencies.
- Reduce fleet fuel consumption by 20% by 2020 from a 2017 baseline.
- Increase awareness of DRC sustainability initiatives internally and with the public through social media.

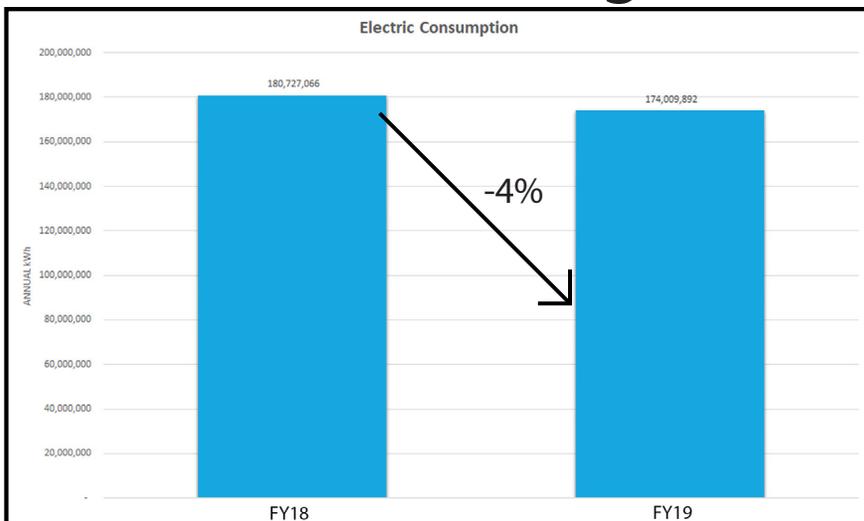
# Utility Goals Update

Reduce total DRC energy consumption and water consumption by 2% each year over the previous year from 2017 through 2020.

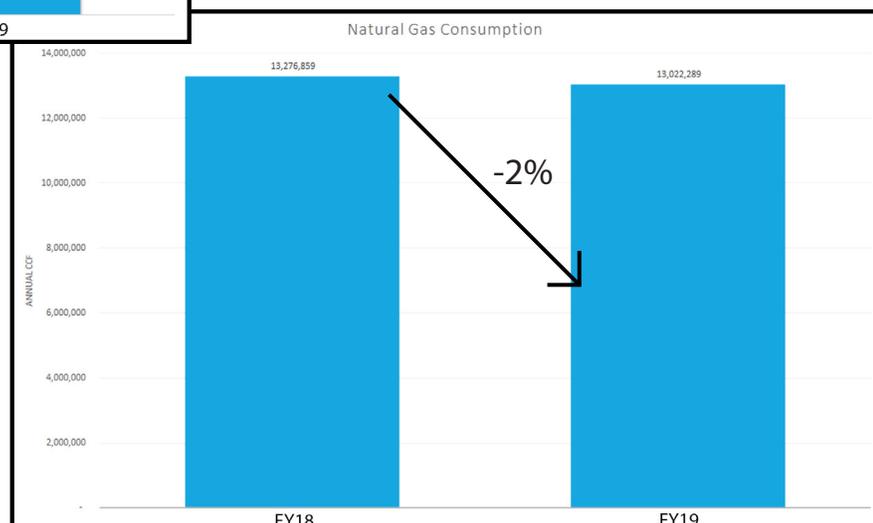
## Proposed Strategies

1. Initiate a large-scale solar project with a technical owner advocate  
In process - ODRC went out for RFP in the first quarter of 2019 to procure solar through a power purchase agreement at multiple sites. We were unable to award, but hope to revise and go back out for bid in FY20.
2. Install sub-metering  
In Process - Have installed real-time metering at multiple institutions and have 1 institution looking to pilot building-level submeters.
3. Create inmate jobs focused on utility monitoring and conservation  
Not Started
4. Install Advanced Power Strips  
In Process - Awarded these to institutions as part of the Think Green Challenge.
5. Utilize Energy Monitors  
Not Started
6. Host a utility reduction challenge  
Completed. The Think Green Challenge was implemented from April 2018 to February 2019. We plan to revise and do this again in 2020.

## How is ODRC tracking?



ManCI After LED Upgrade

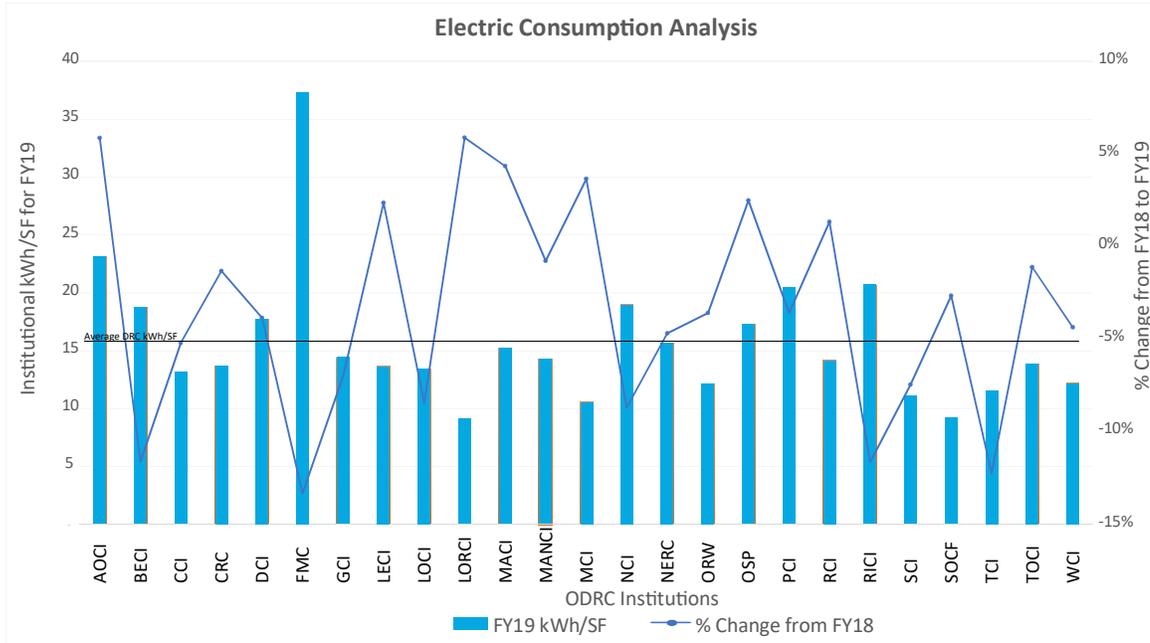


ManCI Before LED Upgrade

# Utility Goals Update



## How are ODRC's Institutions tracking?

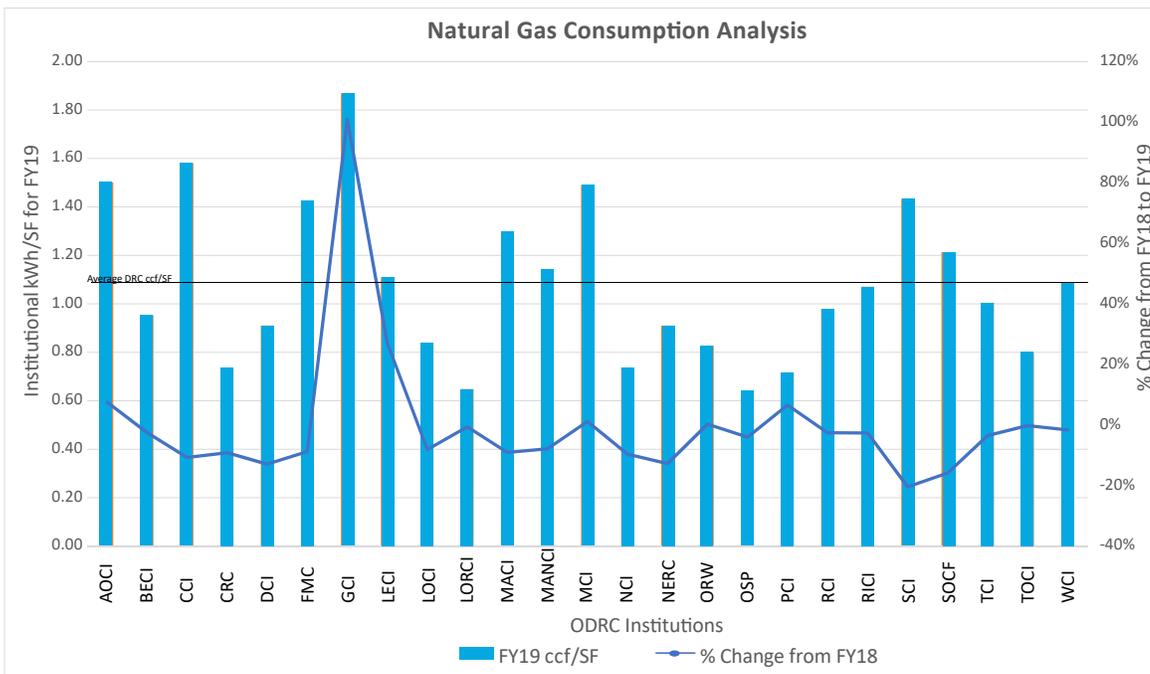


**Largest Electric Decrease**

FMC - 13%

**Lowest kWh/SF**

LorCI - 9.1kWh/SF



**Largest Natural Gas Decrease**

SCI - 20.4%

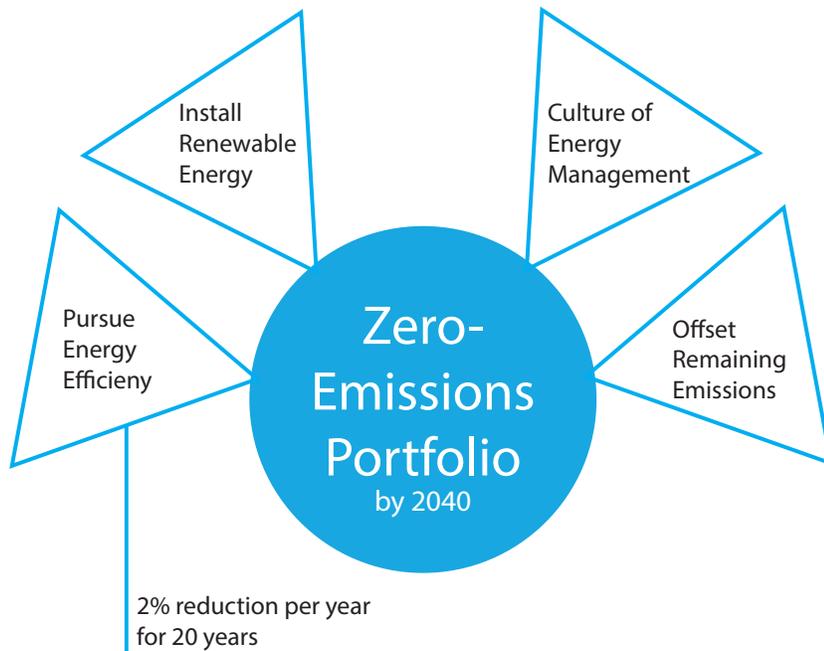
**Lowest ccf/SF**

OSP - .67ccf/SF

PCI - .67ccf/SF

# Utility Goals Update

## What is ODRC's Strategic Energy Plan?



In March 2018, we worked with an engineering consultant to develop a strategic plan for how we can better manage our energy consumption. Our goal is to try to target a zero-emissions portfolio by 2040. This means any energy we consume will be offset by either renewable energy or utilizing other carbon offset strategies. There are several pathways included in this plan that we are currently undertaking. These pathways align with our previously established goals.

## How are we saving?

### Energy Performance Contracts



We currently have 14 institutions in some stage of an energy performance contract. The total cost of these energy/water conservation measures is \$70,376,414, with a projected total savings of \$91,042,571.

### Jadetrack



Closer monitoring and addition of real-time metering allows us to better understand and improve our energy footprint.



LED Upgrades and Occupancy Sensors



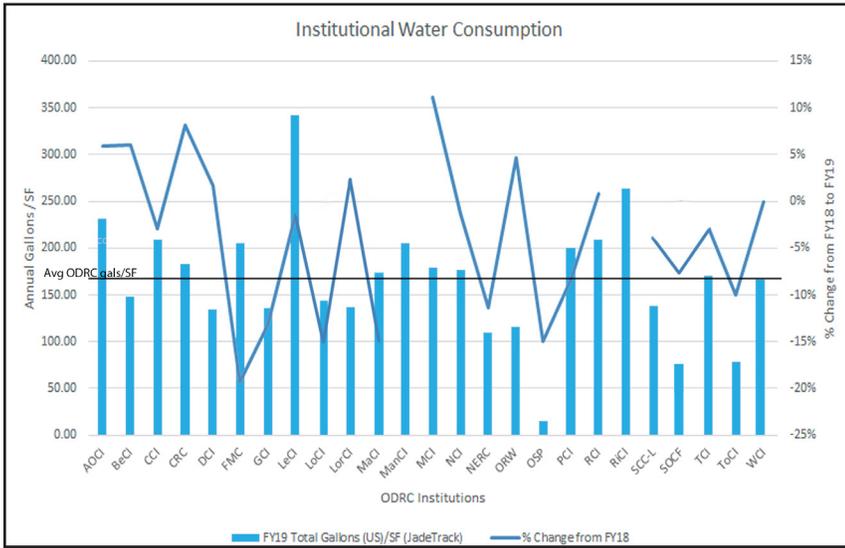
### Demand Response

This provides funding to do in-house, small-scale energy efficiency projects.



Purchasing Energy Star and High Efficiency Equipment

# Utility Goals Update



Did you know that a faucet that drips once per second wastes 2,700 gallons of water annually?

## How are we saving?

### Low-Flow Fixtures

Recommended Flow Rates:

Showers: max 2gpm

Toilets: max 1.28gpf

Faucets: max 1.5gpm

Kitchen Faucets: max 2.2gpm

Pre-Rinse Spray Valves: max 1.3gpm

Urinals: max 0.5gpf



### Fixing Leaks Promptly

Creating groups to monitor for leaks is an easy way to catch these quickly. Also monitoring your usage on Jadetrack can help spot large leaks.



### High-Efficiency Washers

Whether it is Ozone or just high-efficiency washers, our laundry uses a lot of water. There is a huge potential savings here.



### Rain Barrels

We have barrels being used at 6 institutions to help decrease water consumption for landscaping and gardening.



## Largest Water Decrease

FMC - 19%

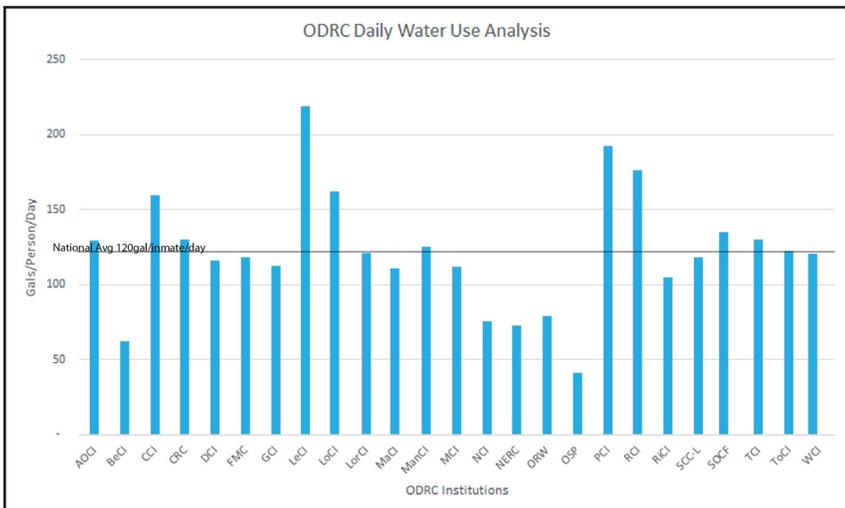
## Lowest gals/person/day

OSP - 41gals/person/day

ODRC uses approximately

**2,000,000,000** gallons of water per year.

This is the equivalent of roughly **18,250** households.



**Mansfield Correctional Institution: Laundry Facilities**

Housing Unit's	Washing Machines & Dryers	Average Loads Laundered Per Day	Gallons of Water Used Per Load	Daily Water Usage Per Unit	Water Usage Per Unit
Unit 1					
Unit 1A	3	45	26	1,170	
Unit 1B	3	45	26	1,170	
Unit 1C	3	45	26	1,170	
Unit 1D	3	45	26	1,170	4,680
Unit 2					
Unit 2A	3	45	26	1,170	
Unit 2B	3	45	26	1,170	
Unit 2C	3	45	26	1,170	
Unit 2D	3	45	26	1,170	4,680
Unit 3					
Unit 3A	3	45	26	1,170	
Unit 3B	3	45	26	1,170	
Unit 3C	3	45	26	1,170	
Unit 3D	3	45	26	1,170	4,680
Unit 4					
Unit 4A	3	45	26	1,170	
Unit 4B	3	45	26	1,170	
Unit 4C	3	45	26	1,170	
Unit 4D	3	45	26	1,170	4,680
Special Management Unit					
Unit 5A	3	20	26	520	
Unit 5B	3	20	26	520	1,040
Medical					
Infirmery	1	1	26	26	26
Mansfield Correctional Camp					
Unit A	4	48	26	1,248	
Unit B	4	48	26	1,248	2,496
Totals	63	857	546	22,282	22,282

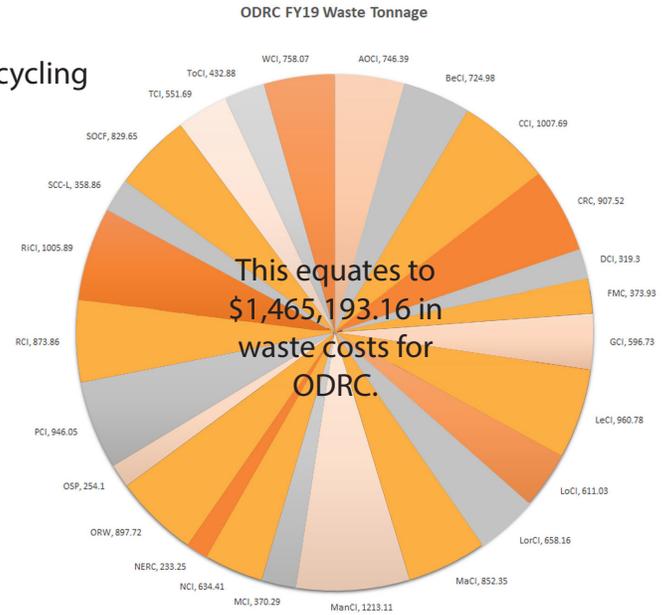
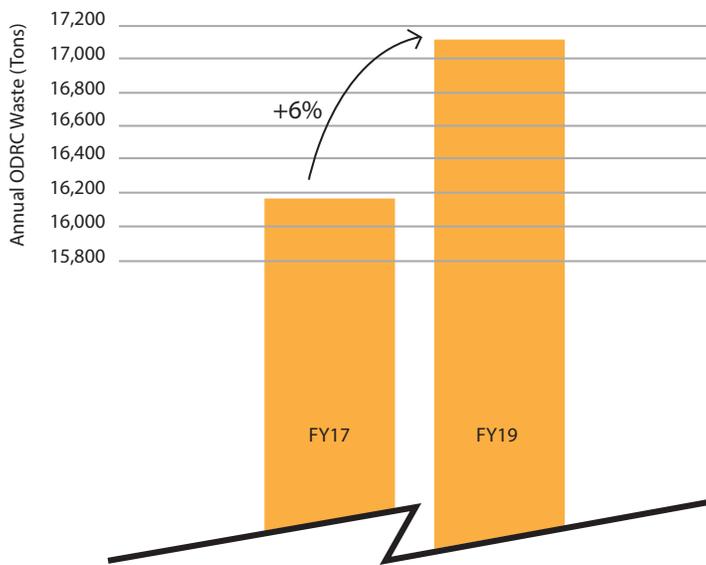
**ManCI Laundry Analysis**

# Waste Goals Update

Reduce total waste sent to landfill by 25% by 2020 from a 2017 baseline.

## Proposed Strategies

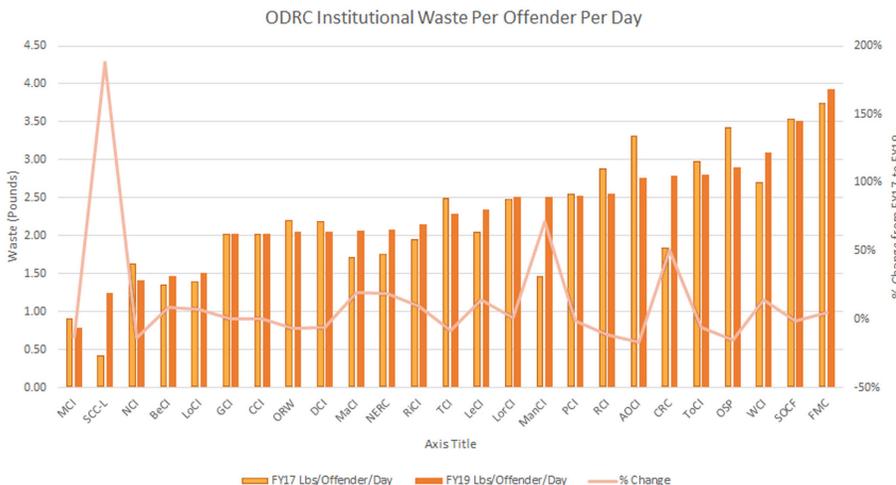
1. Increase food waste diversion programs  
In process - Class II Composting Facilities have been started at AOCI and LoCI. We are now investigating where additional sites can be created.
2. Work with Aramark on Food Service Solutions  
Initiated - Data collected and pursuing pilots.
3. Explore partnerships to support textile and shoe recycling  
Not currently pursuing.



### Why the increase?

The majority of this increase is due to the downturn of the U.S. recycling commodities market when China changed their regulations on recycling imports in July of 2017.

## How are ODRC's Institutions tracking?



### Largest Decrease

AOCI - 17%

### Lowest lbs/person/day

MCI - 0.79lbs/person/day

# Waste Goals Update

## How is ODRC diverting our waste?

### \* Recycling

Institution	FY19 Revenue Earned
SCC-L	\$38,473.57
RCI	\$22,627.73
CCI	\$17,749.38
BeCI	\$17,017.50
LeCI	\$15,953.39
MCI	\$14,154.91
AOCI	\$12,325.28
PCI	\$11,501.96
GCI	\$9,929.65
WCI	\$9,485.95
CRC	\$9,293.27
FMC	\$8,695.36
NERC	\$8,469.34
ORW	\$8,083.78
LoCI	\$7,581.06
NCI	\$7,443.96
RiCI	\$6,901.31
LorCI	\$6,602.78
TCI	\$5,738.58
OSP	\$2,036.09
SOCF	\$1,277.65

### \* Composting

3 Class II Compost Sites



LoCI Compost

9 Big Hannas



RCI Big Hanna

15 Pulpers



ToCI Pulper

## How are we using recycling and energy funds?



Roots of Success



MCI Containers



ManCI Greenhouse



RCI Recycling Trailer



SCC Laundry Timers



RiCI Solar Panel & Certification Exams

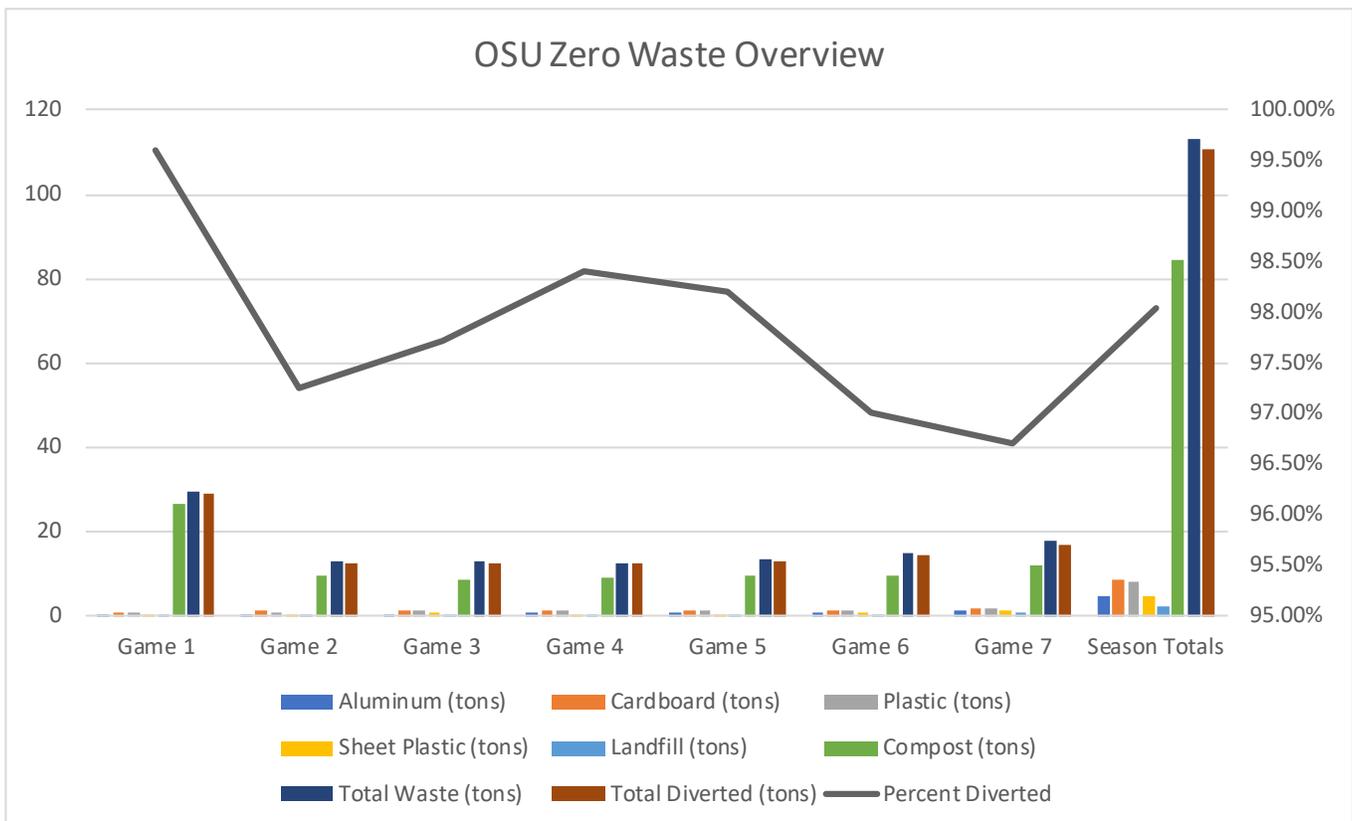
Several other projects were funded as well. If interested in using these funds, please refer to Policy 22-BUS-17.

# Waste Goals Update

## OSU Athletics Visits AOCI!



AOCI currently receives the game day waste from Ohio State Buckeye football games. As a thank you, OSU came to visit where the action happens. This past season we averaged a 98% diversion rate! Great job to all involved. See below for the details.



# Land, Animals & Plants Goals Update

Increase partnerships to support habitat conservation efforts with other agencies.

## Proposed Strategies

- |    |   |             |
|----|---|-------------|
| 1. | Partner with The Nature Conservancy on a Wetland Conservation Project | In process  |
| 2. | Support other agencies in an Ohio invasive plant control program      | Not started |
| 3. | Support other agencies through a native tree nursery                  | Completed   |

**6** institutions working with Ohio Wildlife Center



**27,000+** lbs of produce donated

**1** institution's horticulture designed landscaping for 1st LEED Building



**20** offenders participated in our 1st arboriculture training



## What is LEED?

LEED, or Leadership in Energy and Environmental Design, is a green certification program for building design, construction, operations and maintenance. There are four different levels of LEED Certification that a project can achieve: Certified, Silver, Gold, and Platinum, with Platinum being the highest. Our **new dorm at ORW achieved Silver Certification** in the LEED Rating System. This certification was based on several environmental goals established by the U.S. Green Building Council pertaining to 6 major categories: sustainable sites, water efficiency, energy and atmosphere, materials and resources, indoor environmental quality, and innovation in design.

# Fleet Goals Update

Reduce fleet fuel consumption by 20% by 2020 from a 2017 baseline.

## Proposed Strategies

1. Pilot DERIVE and GRIP technologies Not started
2. Develop partnerships to utilize Local Government Innovation Funds Not started
3. Explore opportunities and viability for alternative fuels vehicles Initiated

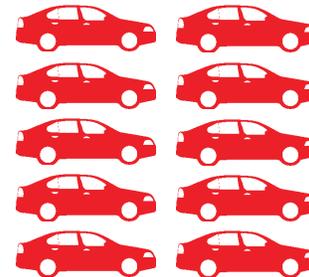
We are currently working with the SMART Columbus Initiative to assess options.

Institution	FY17 Usage (Gal)	FY19 Usage (Gal)	% Change
NERC	20,579.85	5,000.20	-76%
MCI	23,217.27	11,125.36	-52%
ManCI	29,203.00	17,259.00	-41%
OSP	17,150.00	14,145.00	-18%
LoCI	29,613.00	25,637.00	-13%
DCI	12,000.00	11,000.00	-8%
SCC	25,788.00	24,999.00	-3%
TCI	19,439.00	19,689.00	1%
NCI	17,251.00	17,506.00	1%
SOCF	18,305.00	18,976.00	4%
CRC	72,309.00	75,059.00	4%
MaCI	20,028.50	20,814.90	4%
FMC	56,238.00	61,158.00	9%
AOCI	27,986.00	31,509.00	13%
RiCI	14,686.00	17,007.00	16%
WCI	43,440.00	59,308.00	37%
CCI	10,313.00	21,447.20	108%
GCI	8,948.50	21,670.00	142%
BeCI	Not Available	Not Available	
LeCI	Not Available	20,000.00	
LorCI	28,098.00	Not Available	
ORW	Not Available	Not Available	
PCI	Not Available	Not Available	
RCI	36,964.00	Not Available	
ToCI	Not Available	Not Available	

\* Numbers as reported in Annual Sustainability Audit



Did you know that it takes 3.9 trash bags (25gal) of waste recycled instead of landfilled to offset the greenhouse gas emissions of 10 gallons of gasoline?



## Results from telematics pilots?

Tested Vehicle	Annual Est. Vehicle Miles	Operational Savings (Lifetime)	Fuel Saved (Lifetime)	GHG % Reduction	GHG Reduction (Lbs Lifetime)
2013 Dodge Avenger	13,167	More than \$21,000	11,729	94	270,402
2016 Chevrolet Impala limited	6,693	More than \$21,000	10,219	94	236,038
2016 Chevrolet Impala limited	2,507	\$9,000-12,000	3,488	95	81,211
2017 Ford F-150	13,751	More than \$21,000	12,692	92	286,099
2017 Gmc Sierra	35,186	More than \$21,000	19,485	94	448,713
2017 Ford F-150	20,872	More than \$21,000	16,536	92	373,472
2014 Ford F-350	7,851	More than \$21,000	6,720	90	147,517
2013 Dodge Avenger	6,745	\$15,000-18,000	5,413	92	122,572

# Behavior Goals Update

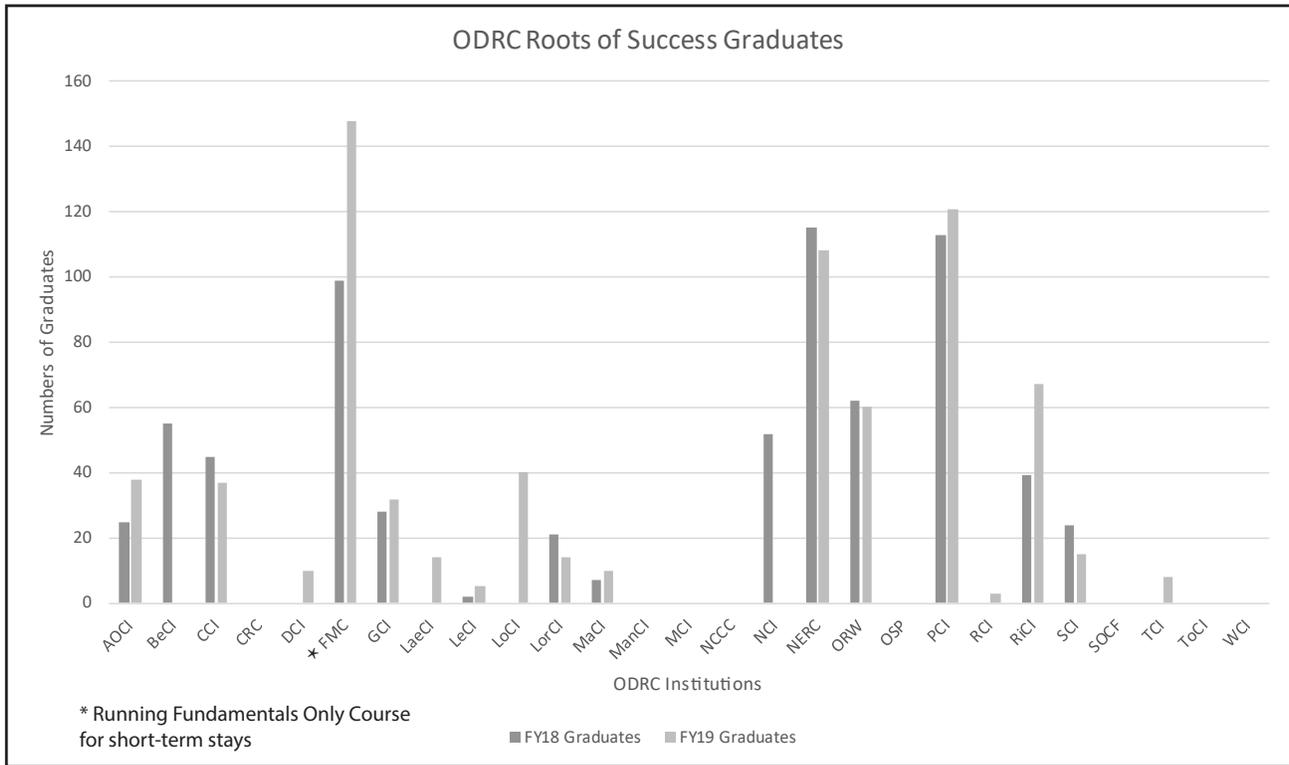
## Proposed Strategies

1. Launch a marketing campaign for DRC conservation efforts



ToCI Roots of Success Training

Ongoing



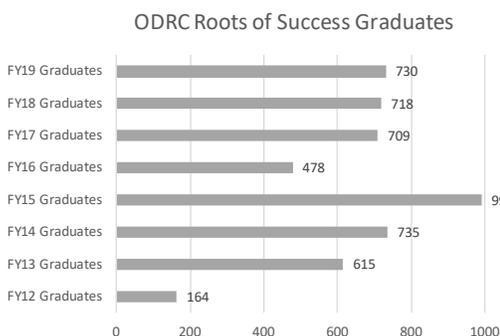
\* Running Fundamentals Only Course for short-term stays

## What is Roots of Success?

Roots of Success is an environmental literacy program. It uses innovative, non-traditional learning approaches to increase people's understanding of environmental issues and the green economy, while simultaneously strengthening their academic and labor market skills.

*taught it was amazing a well I enjoyed it because in a million years I'd wouldn't have learned about these things if I wasn't in prison. It was sort of a little life changer. I learned about various things that could benefit me when I leave prison, how to save money, conserve different things water, trash, electric etc. I would like to thank whom ever come up with the idea to put this Roots of Success in Prison cause I see myself using things I've learned in my near future.*

*learned about Roots of success. Through out my day I keep a positive mind when I see running water or trash on the ground I step in and say here you tried Roots of success there they teach you that, that running water and that trash on the ground should be handled with a different approach and that you should value the world.*



# Behavior Goals Update

## RiCI's Solar Training Gets Highlighted on Energy News Network!

### SOLAR WORKFORCE DIVERSITY

## Solar training programs aim to open doors for former prison inmates

Kevin Stark | June 18, 2019



Meg Olliphant / for the Energy News Network

Ryan Shelton of Grid Alternatives fits a pipe during a solar installation in Los Angeles, California. Shelton, 23, discovered Grid Alternatives' SolarCorps fellowship program shortly after his release from prison and is now working toward an associate degree and certificate in electrical construction and maintenance from a technical trade college in Los Angeles.

**Solar companies are partnering with nonprofits to help inmates establish clean energy careers.**

In 2014, one of Richland's Roots of Success facilitators approached his Unit Management about starting an Alternative Energy Program, teaching offenders about all forms of alternative energy. In 2015, an extension to the program was created with the course, "Understanding Photovoltaics." This strictly focused on solar energy. Then in 2017, Richland took it one step further, becoming the first institution to become a certified training center by the Electronics Technicians Association. Offenders that complete the training and take the ETA Photovoltaic Installer Level 1 Exam are certified for 4 years. Now, they are working on building the bridge to future solar employers for the students to connect with upon release. This program is a highlight of Roots of Success being a foundation for launching further sustainability initiatives. This past fiscal year we have started to bring this program to London Correctional Institution. It is a great example of how we can connect our population to a growing industry in the green economy.

*A huge thanks goes out to Bev Baxter from Richland for all of her hard work to make this program happen.*

## What strategies are we pursuing to promote sustainable behavior?

First statewide sustainability competition with the Think Green Challenge.

Started a Roots of Success Newsletter.

Started issuing these Annual Reports.



### Think Green Ohio Overall Winners

1st Place	OSP	19.4pts	\$10,000
2nd Place	MCI	14.6pts	\$5,000
3rd Place	FMC	13.2pts	\$3,000

OSP was able to secure the win with a consistent reduction in consumption across the board. They reduced water by 10%, energy by 5%, and waste by 7%. They also participated in 7 of the 11 months of the competition. MCI earned second place with their impressive waste reduction numbers, 28% less! FMC was able to secure third place with their 19% reduction in water usage.

### Participation Winners

1st Place	NERC	\$3,000
2nd Place	AOCI	\$2,000
3rd Place	GCI	\$1,000

Throughout the competition, we had 14 institutions compete. Many sustainability ideas were shared and generated. NERC, AOCI and GCI were the top three institutions to win the monthly challenges. NERC participated in every month, earning them the highest reward for participation. AOCI and GCI were not far behind. Below is a summary of all of the monthly winners.

Month	Winner	Month	Winner	Month	Winner
April	Green Teams	June	Water Efficient Landscaping	July	Water Wastewatering Audits
August	Laundry + Shower Schedules	September	Waste/Recycling + Presentation Maintenance		
October	Individual Energy Targets	November	Waste Energy Audit	December	Food Waste Reduction
January	Waste + Recycling Audit	February	Composting		

These rewards are made possible through our Energy Funds. Refer to Policy 22-BUS-17 to learn more.

# What are your goals?

## AOCI

### Previous Fiscal Year

- 1) Increase recycling program participation by 14 inmates.  
**Partially Achieved.** Fell short by 2 - but looking to increase.
- 2) Decrease electric consumption by 5% by installing new HVAC and windows.  
**Not Achieved.**
- 3) Reduce the number of yearly compactor pulls by 5 by monitoring compactor capacity at pulls.  
**Partially achieved.** 80% goal achievement - reduced by 4.

### This Fiscal Year

- 1) Reduce natural gas consumption by 5%.
- 2) Reduce number of compactor pulls by 5.
- 3) Reduce electric usage by 3% with lighting project.

## BeCI

### Previous Fiscal Year

- 1) Reduce water use.  
**Achieved.**
- 2) Continued electricity reduction.  
**Achieved.** 11% reduction.
- 3) Waste reduction with help of Green Team.  
**Achieved.**

### This Fiscal Year

- 1) Reduce water use.
- 2) Continued electricity reduction.
- 3) Continued waste reduction.

## CCI

### Previous Fiscal Year

- 1) Decrease annual waste costs by 20% by utilizing State Surplus.  
**Partially achieved.** Increased recycling by 71%, but annual cost increased also.
- 2) Demolish the Reservation Housing to reduce the housing by 40%.  
**Initiated.**
- 3) Perform institution wide physical inventory to reduce trackable items due to threshold amounts and recycle/surplus the items and utilize the funds received in other areas.  
**Achieved.** 8 skids of old electronics being removed.

### This Fiscal Year

- 1) New partnership with Ross County Humane Society making dog beds out of old mattresses.
- 2) Receive at least 90% on our Asset Management next IMA Audit.
- 3) Continue to utilize State Surplus.



# What are your goals?

## CRC

### Previous Fiscal Year

- 1) Increase the amount of plastics recycled.  
**Initiated.**
- 2) Start using the pulper.  
**Initiated.**
- 3) Decrease the utilities cost by installing LED lights, windows, and raising staff awareness.  
**In Progress.**

### This Fiscal Year

- 1) Install motion detection lighting in all staff offices and restrooms.
- 2) Continue to monitor pulper output.
- 3) Install more LED lighting around the camp.

## DCI

### Previous Fiscal Year

- 1) Improve offender awareness of recycling.  
**Achieved.** Roots of Success started and offenders involved.
- 2) Reduce solid waste.  
**Achieved.** Collect more paper in areas of institution for recycling.

### This Fiscal Year

- 1) Improve offender awareness of recycling.
- 2) Reduce solid waste.

## FMC

### Previous Fiscal Year

- 1) Decrease gas and electric usage by 4%.  
**Achieved.** Electric by 13% and natural gas by 8%.
- 2) Decrease food waste by vermiculture project & producing worms to enrich soil.  
**Not Achieved.** Still pursuing - committee members changed.
- 3) Increase produce from our community garden by 5%.  
**No Response.**

### This Fiscal Year

- 1) Educate staff/inmates to ensure trash and metals are correctly separated.
- 2) Decrease food waste by vermiculture project & producing worms to enrich soil.
- 3) Maintain or increase current level of recycling revenue.

What are **S.M.A.R.T.** goals?

**S**  
SPECIFIC

**M**  
MEASURABLE

**A**  
ACHIEVABLE

**R**  
RELEVANT

**T**  
TIME-BOUND

For example: We will decrease electrical consumption by 5% in the next fiscal year.  
*- It is specific to what is being changed and gives measurable goal. It gives a time and is reasonable to achieve. Lastly, it is relevant to ODRC's goals.*

What are **goals** vs **strategies** vs **tactics**?

A goal is a broad primary outcome. | A strategy is the approach you take to achieve the goal. | A tactic is a tool you use in pursuing an objective of the strategy.

# What are your goals?

## GCI

### Previous Fiscal Year

- 1) Install and use rain barrels to conserve water.  
**In Progress.** Installation plan in place.
- 2) Start composting program to support Recycling Apprenticeship.  
**In Progress.** Compost tumblers purchased. Plan is being designed.
- 3) Expand recycling program with curriculum based education and increase participants/workers.  
**In Progress.** Many in apprenticeship are accessing relevant resources. Needs more educational considerations into recycling/sustainability aspects of the program.

### This Fiscal Year

- 1) Coordinate efforts with horticulture, landscaping, and maintenance for sustainability efforts.
- 2) Research commercial composters and seek bids. Create viable composting plan to include vermiculture.
- 3) Determine feasibility to locate all recycling work to warehouse. Implement alternative sustainable program inside to keep apprenticeship functioning.

## LaeCI

### Previous Fiscal Year

- 1) Continue to reduce the amount of trash going to landfill.  
**Achieved.** Reduced number of pickups.
- 2) Reduce electric by educating staff.  
**Achieved.** Staff seems more in tune.
- 3) Increase composting by worm farm for the inmate garden.  
**Achieved.** Need to increase number of worm farms.

### This Fiscal Year

- 1) Reduce water consumption.
- 2) Continue to strive to reduce trash that can be recycled from being put into dumpster.
- 3) Increase garden output for higher donation to local food bank.

## LeCI

### Previous Fiscal Year

- 1) Begin composting.  
**Not Achieved.** Sale of state land.
- 2) Increase recycling revenue.  
**Not Achieved.** Value of recycled goods decreased.
- 3) Educate all staff on energy conservation and recycling.  
**In Progress.**

### This Fiscal Year

- 1) 5% increase in recycling revenue.
- 2) 5% decrease in electric use.
- 3) 5% decrease in ICon parts.

## LoCI

### Previous Fiscal Year

- 1) Reach the 90 waste reduction level.  
**In Progress.** Have reached 22% reduction in waste removal over past four years.
- 2) Implement a composting operation.  
**Achieved.** Will open in FY20.
- 3) Reduce surcharges from the city of London by 70%.  
**Achieved.** Overall surcharges have reduced by 100% over past two FYs.

### This Fiscal Year

- 1) Continue to strive to reach the 90 waste reduction level.
- 2) Expand operations for: red worms, bee program, bicycle repair.
- 3) Increase recycling revenue by 10%.

# What are your goals?

## LorCI

### Previous Fiscal Year

- 1) Increase garbage sorting to increase recyclables.  
**Not Reported.**
- 2) Work with Aramark to find a suitable area for a food pulper.  
**Not Reported.**
- 3) Continue to replace low flow fixtures.  
**Not Reported.**

### This Fiscal Year

**Not Reported.**

## MaCI

### Previous Fiscal Year

- 1) Establish and fill Reclaimers positions on all units.  
**Partially Achieved.**
- 2) Continue LED retrofit by 10% on compounds.  
**Achieved.**
- 3) Utilize Big Hanna and monitor food waste not going to landfill.  
**In Progress.**

### This Fiscal Year

- 1) Use Big Hanna for baseline monitoring of food waste diversion.
- 2) Continue LED retrofit by 10% on compounds.
- 3) Increase overall recycling efforts/revenue by 10%.

## ManCI

### Previous Fiscal Year

- 1) Replace windows within institution to increase energy savings.  
**In Progress.** Scheduled to begin 2020.
- 2) Replace showers within the institution to conserve energy and water.  
**In Progress.** Will complete in FY20.
- 3) Replace boilers within the housing units to increase efficiency.  
**In Progress.** Will complete in FY20.

### This Fiscal Year

- 1) Reduce water by replacing ice machines with non-water cooled units.
- 2) Save gas/energy by replacing doors and putting sweep at the bottom of each door.
- 3) Replace programmable switches for lighting to day/night sensors.

## MCI

### Previous Fiscal Year

- 1) Find a source for recycling fabrics/textiles.  
**Not Achieved.**
- 2) Begin composting program in partnership with Ohio EPA.  
**In Progress.** Working towards obtaining our Class II License.

### This Fiscal Year

- 1) Obtain a full-time recycling coordinator to oversee recycling program.
- 2) Complete our Class II Certification with Ohio EPA.

# What are your goals?

## NCCC

Previous Fiscal Year

**Not Reported.**

This Fiscal Year

- 1) Reduce water, natural gas, and electricity by at least 1%.

## NCI

Previous Fiscal Year

- 1) Expand recycling program on back dock.  
**Achieved.** Adding inmates from Big Hanna and Roots graduates to recycling program.
- 2) Capture rain water for gardens.  
**Achieved.** Installed on small building to help with water of gardens.
- 3) Use ideas created by the NCI Green Team  
**Achieved.** Both of previous ideas were from Green Team.

This Fiscal Year

- 1) Find a new vendor for our recycling program.
- 2) Placing water meters in food service to monitor water usage.
- 3) Replacing all water fixtures with low-flow fixtures.

## NERC

Previous Fiscal Year

- 1) Give all food waste to Barnes Nursery, or get a pulper.  
**Not Achieved.**
- 2) Start vermicomposting.  
**Not Achieved.**
- 3) Recycling items in our administration building.  
**Achieved.** Recycling containers are placed and staff is aware.

This Fiscal Year

- 1) Reduction in electricity usage.
- 2) Reduction in water usage.
- 3) Recycling food waste.

## ORW

Previous Fiscal Year

**Not Reported.**

This Fiscal Year

**Not Reported.**

## OSP

Previous Fiscal Year

- 1) Continue replacing pod lights with LED fixtures.  
**Achieved.**
- 2) Replace support building and laundry hot water system.  
**Achieved.**
- 3) Replace rusted steel doors that have lost their structural integrity.  
**Achieved.**

This Fiscal Year

- 1) Finish Johnson Controls upgrade.
- 2) Continue LED lighting upgrades.
- 3) Chiller controls update.

# What are your goals?

## PCI

### Previous Fiscal Year

- 1) Increase number of Roots of Success graduates by 50%.  
**Not Achieved.** Revising goal for FY20.
- 2) Continue to replace light fixtures with LEDs.  
**Partially Achieved.** Estimated another 25% of fixtures are left.
- 3) Incorporate rain barrels in conjunction with community garden and landscape project.  
**Not Achieved.** Operational and security reviewing this goal.

### This Fiscal Year

- 1) Promote Roots of Success program.
- 2) Complete all institutional LED upgrade.
- 3) Develop test function of rain water conservation.

## RCI

### Previous Fiscal Year

- 1) Decrease gas usage by 5% with boiler replacement project.  
**In Progress.** Boilers are currently being replaced through capital project.
- 2) Decrease waste cost by 5% with continued efforts of sorting waste prior to disposal.  
**Achieved.** Recycling revenue has increased from efforts.
- 3) Decrease electrical usage by 5% with interior lighting changing over to LED.  
**In Progress.** All outside lights have been changed to LED.

### This Fiscal Year

- 1) Decrease gas usage by 5% with boiler replacement project.
- 2) Reduce water usage by 2.5% by changing showerheads and hot water boilers.
- 3) Decrease electrical usage by 5% with interior lighting changing over to LED.

## RiCI

### Previous Fiscal Year

- 1) Expand solar photovoltaic program.  
**Achieved.**
- 2) Expand community garden.  
**In Progress.** Would like to increase by 500lbs.
- 3) Install rain barrels.  
**Not Achieved.**

### This Fiscal Year

- 1) Remove more recyclables from the waste stream.
- 2) Reduce the number of pulls with our roll off compactor.

## SOCF

### Previous Fiscal Year

- 1) Remove food waste from trash stream.  
**Not Reported.**
- 2) Reduce water usage by phasing in low flow fixtures.  
**Not Reported.**
- 3) Replace some older equipment such as fence lights with higher efficiency fixtures.  
**Not Reported.**

### This Fiscal Year

- 1) Remove food waste from trash stream.
- 2) Reduce water usage by phasing in low flow fixtures.
- 3) Replace some older equipment such as fence lights with higher efficiency fixtures.

# What are your goals?

## SCI

### Previous Fiscal Year

- 1) Reduce gas usage by 2% with the new laundry upgrade and energy performance contract.  
**In progress.** Laundry project was pushed back to FY20.
- 2) Implement new energy performance contract.  
**Achieved.**
- 3) Installation of de-stratification fans, replace old window air conditioners with Energy Star.  
**Partially Achieved.** Fans were not ordered due to price. Will look again next year. All window AC units have been replaced.

### This Fiscal Year

- 1) Reduce gas usage with the new laundry upgrade and energy performance contract.
- 2) Installation of timers in the dorms for water and electric use.
- 3) Installation of water softeners to reduce scale buildup.

## TCI

### Previous Fiscal Year

- 1) Lower water consumption through automated faucets.  
**Achieved.** Installed in new showers and some faucets.
- 2) Begin a compost area.  
**Achieved.** Composting in community garden.
- 3) Enhance TCC recycling.  
**In progress.** 2 inmates completed Roots of Success Facilitator Training and are currently working on ideas.

### This Fiscal Year

- 1) Reduce water consumption.
- 2) LED Lighting inside buildings.
- 3) Total recycling at TCC.

## ToCI

### Previous Fiscal Year

- 1) Reestablish a feasible recycling program compatible with current inmate population.  
**In Progress.**
- 2) Install and develop efficient strategies to utilize the new pulper system in food service.  
**Partially Achieved.**
- 3) Evaluate energy usage data to identify potential future energy conservation projects.  
**In Progress.** LED lighting in housing areas in process.

### This Fiscal Year

- 1) Collaboration with CTF (camp) re-starting recycling program.
- 2) Fully utilize pulper in FS.

## WCI

### Previous Fiscal Year

- 1) Increase recycling by 10%.  
**Not Achieved.** Decreased due to lack of staging area to process and bag.
- 2) Reduce electric costs by replacing windows in all buildings.  
**Achieved.**
- 3) Reduce waste expenses by 10% through increased recycling.  
**Not Achieved.** Increased due to lack of recycling and inconsistent food service staff.

### This Fiscal Year

- 1) Find a place to increase recycling again.
- 2) CAMS project to replace windows to increase efficiency.
- 3) Reduce trash waste by increasing recycling and working with Aramark staff.



ODRC  
Sustainability  
Goals

Utilities

Waste

Land, Animals, & Plants

Fleet

Behavior