



ENERGY EFFICIENCY IMPROVEMENT AND COST SAVING OPPORTUNITIES FOR THE FOOD AND BEVERAGE INDUSTRY

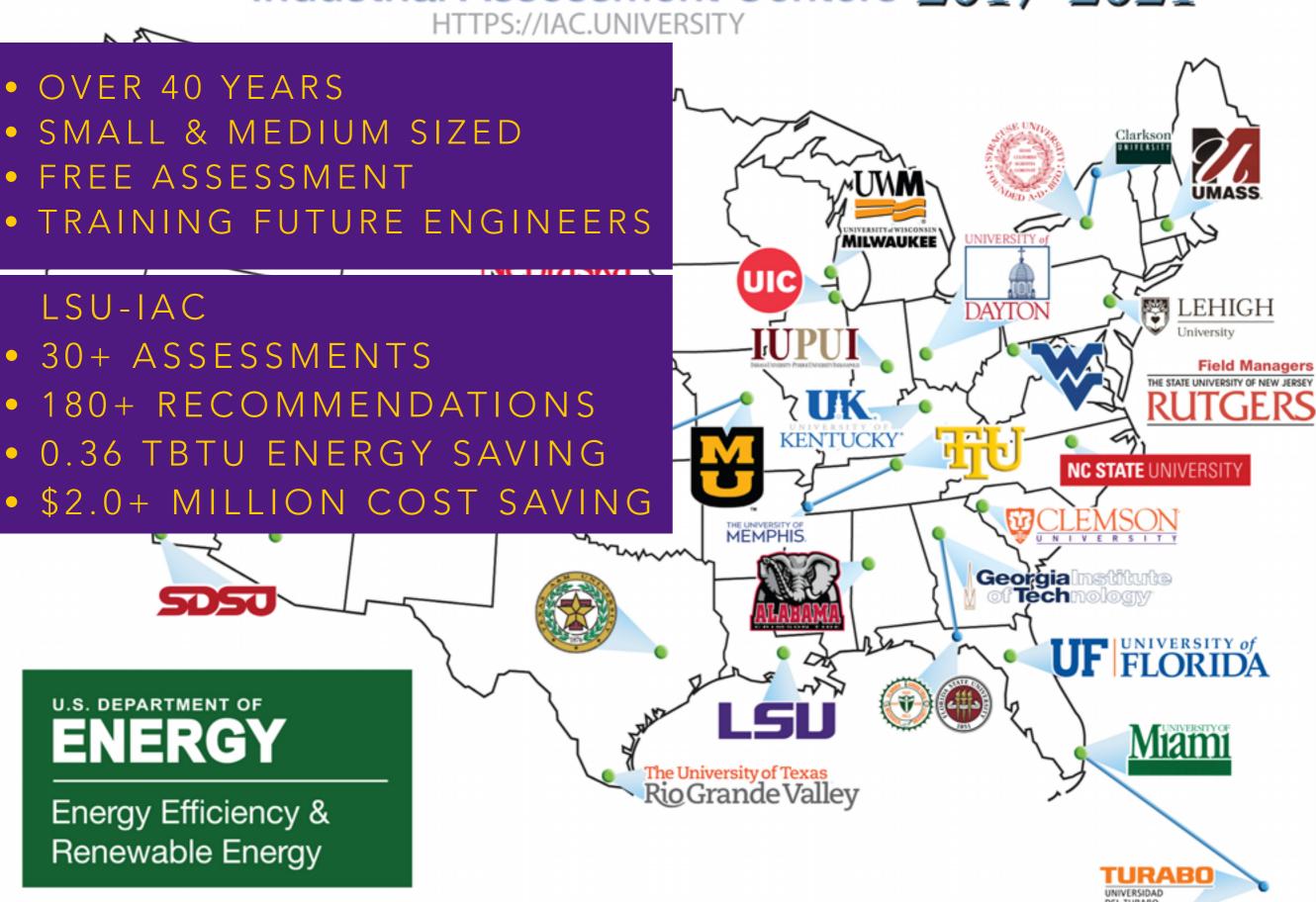
CHAO WANG, PH.D., ASSISTANT DIRECTOR, LSU-IAC







Industrial Assessment Centers 2017-2021



KICK-OFF MEETING

FACILITY TOUR





Louisiana State University Industrial Assessment Center



Energy, Waste, and Productivity Assistance for Industry A U.S. Department of Energy Sponsored Program

Assessment Report

Report No.: LS1809

Assessment Date: June 05, 2018 Location: New Orleans, LA

Principal Products: Processed Meats

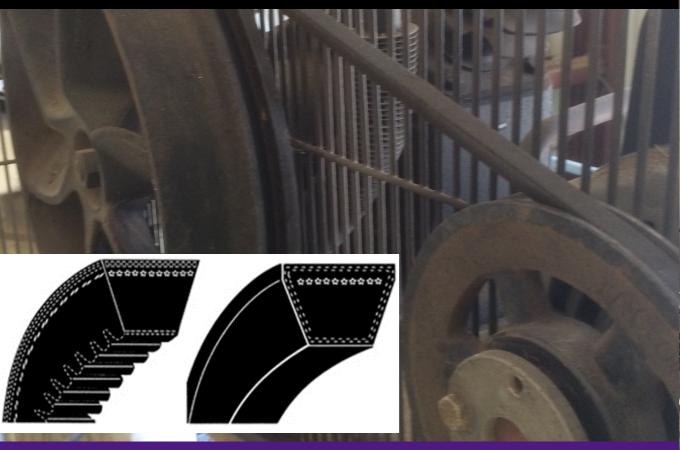
DATA COLLECTION

ASSESSMENT REPORT





AIR COMPRESSOR

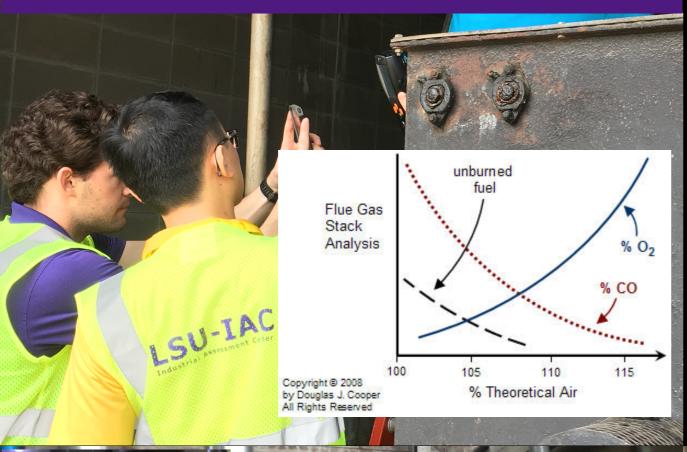


DISCHARGE PRESSURE REDUCTION



ENERGY EFFICIENT BELT MINIMUM AIR LEAKAGE

AIR TO GAS RATIO



BOILER (WATER OR OIL)



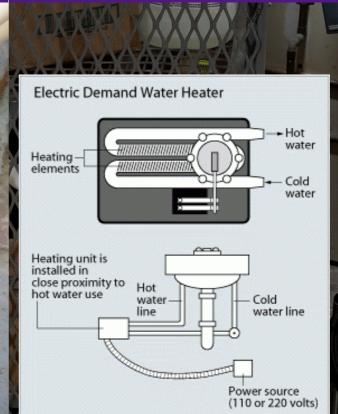
DUCT INSULATION

BLOWDOWN HEAT COLLECTION

PIPE INSULATION

TANKLESS WATER HEATER







WATER HEATER & PUMP

VARIABLE FREQUENCY DRIVE

DOOR WEATHERSTRIPPING REPLACE METAL HALIDE IN FREEZER





FREEZER ROOM

STRIP CURTAIN



LIGHTING





METAL HALIDE REPLACEMENT PHOTOCELL & OCCUPANCY SENSOR

ZONING



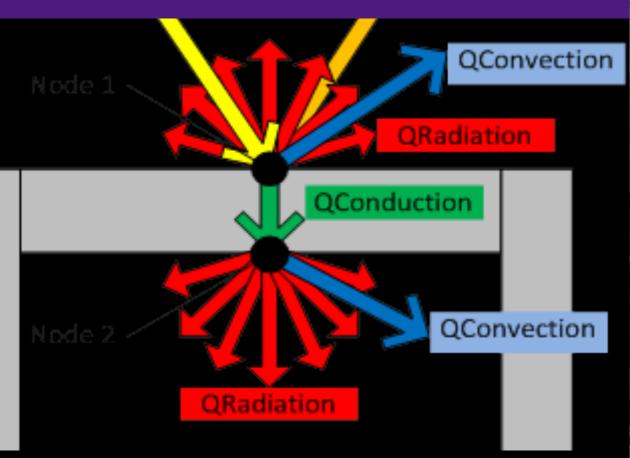
AIR CONDITIONING





PROGRAMMABLE THERMOSTAT BUILDING ENVELOPE TIGHTNESS

WHITE ROOF



ROOF &
RENEWABLE
ENERGY

SOLAR PANEL

System Capacity: 256.6 kWdc (1711 m2)



METHANE GENERATION





BILL AND INCENTIVE CHARGING SCHEDULE

Account Detail		
Previous Balance	A STATE OF THE PROPERTY OF THE PARTY OF THE	8,852.85
Payment Received	(07/25/2017)	-8,852.85
Remaining Balance		\$0.00
Current Charges	And the control of the second of the control of the	
Demand Charge		1,516.21
Energy Charge		2,363.95
Formula Rate Plan	@ -10.5278%	-408.50
Storm Securitization Cost Riders	_	154.07
MISO Recovery Rider	@ 5.2241%	202.70
Capacity Acquisition Cost Rider	84800 kWh @ \$0.007758	657.88
Fuel & Purchased Power Cost	84800 kWh @ \$0.035713	3,028.46
Federal Mandated EAC Rider	84800 kWh @ \$0.000001	0.08
Street Use Franchise Fee		395.52
Total Metered Charges (Contract 13233398)		\$7,910.37





ROUTINE MAINTENANCE TURN OFF EQUIPMENT WHEN NOT IN USE

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