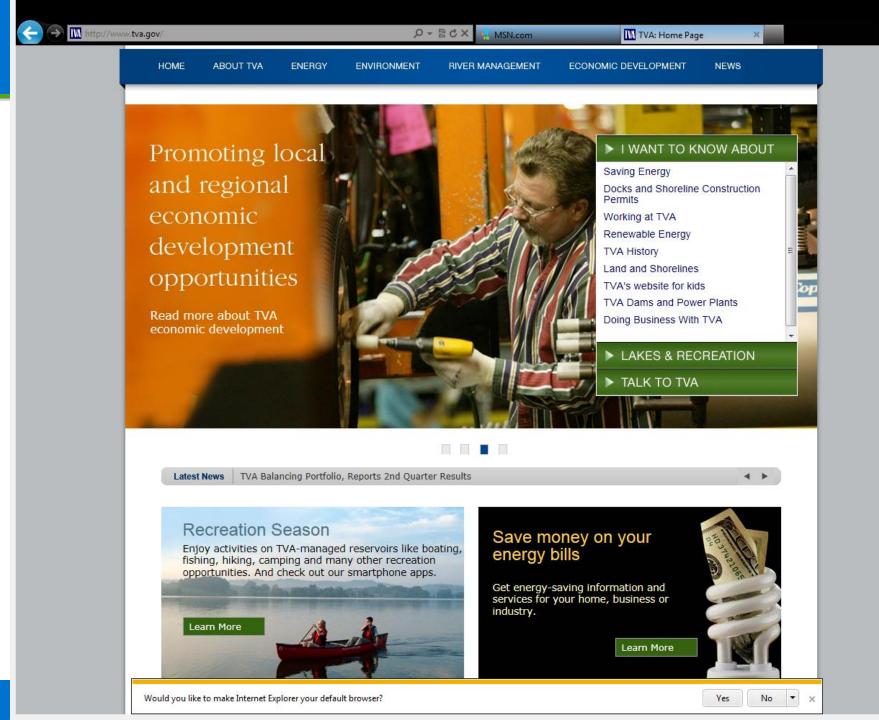
Energy Efficiency in 2012

How many know you can get incentives from your Local Power Company to reduce our electrical consumption?

1





Successful Incentive Tips

- Submit end-user signed application FIRST to <u>TVAbusinessincentive@tva.gov</u>
- For Custom Incentive projects notify local power distributor and TVA engineer FIRST
- Receive written approval to proceed before purchasing or installing equipment (except for HVAC)

Who are my contacts?

Project and Engineering advice – Custom Applications

• Mike Clement, TVA <u>mdclement@tva.gov</u> 256-201-7717

ERS Program advice

• ERS Customer Care 866-233-0450

RETROFIT ONLY

Custom Incentive

- Incentive payment calculated at \$.10 per kWh saved in one year
- If it conserves electric energy and is industry approved technology, it may qualify for custom Example: Variable Speed Drive
- PPN members can use Lighting Workbook

Standard Rebate

- Prescribed list of technology with pre-set payment per qualifying measure
- Simple application process with quicker turnaround
- Require to use if lighting not purchased and/or installed by Preferred Provider Network (PPN) Member

Preferred Partner Network (PPN) members

- Gexpro-Madison
- XtraLight Manufacturing, Inc. Milton, GA
- Mayer Electric Supply--Birmingham, AL
- A/C Innovations Inc.
- Scott Lighting
- ARTAG (Alabama Retirees Technical Advisory Group)
- H C Blake Co.
- Mayer Electric Supply--Huntsville, AL
- Sain Engineering Associates Schneider Electric Birgmingham, AL
- TVW Electrical Supplies, Inc.

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Preferred Partner Network (PPN) members (continued)

- Southpoint Solutions
- Inline Electric Supply
- •IZ Systems a division of Blake & Pendleton
- Acuity Brands Lighting Company Birmingham, AL
- Alabama Lighting Associates
- Ecofficient Energy Solutions
- •GE Lighting Southside, AL
- •Graybar Electric-Huntsville, AL

Incentive Percentage Cap

Standard Rebate Offer

- Rebate pays up to \$200,000
- Maximum 70% of project cost

Custom Offer

- Incentive pays up to 70% of Project Cost
- No limit on project size

Incentives are subject to availability of funding

Standard Incentive

- Offers:
 - -Lighting (Must use if not using a Preferred Partner Network Member)
 - -HVAC
 - -Motors
 - -Food Services
- Applicants randomly selected for Pre and Post Measurement Review
- ALL applications require final receipts and invoices
- Rebate payments made by customer support center
- Must receive Application Approval Letter before beginning (except standard HVAC)
- Multiple Sites

Custom Incentive

- Custom Incentives are available for projects that don't fall under the Standard Rebate (except for lighting Custom Incentive for lighting requires use of a PPN)
- Application initiates project scoping meeting
- Requires a Project Savings Estimate
- Requires customer approval of Project Savings Estimate
- TVA to perform all Pre and Post Measurement
- Incentive payment based +/- 10% of Project Savings
 Estimate
- Incentive payment based on \$0.10 per kWh saved

Application Process

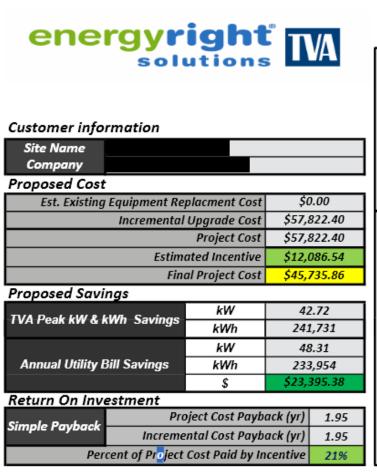
- End use customer submits application to Call Center
- Call Center obtains Power Distributor approval
- Pre measurement activity initiated, if applicable
- Call Center communicates Pre measurement results and install instructions
- End use customer contacts Call center once installation is complete
- Post measurement activity initiated, if applicable
- Project approval notice and payment made

EnergyRight® Solutions HVAC Systems for Business and Industry

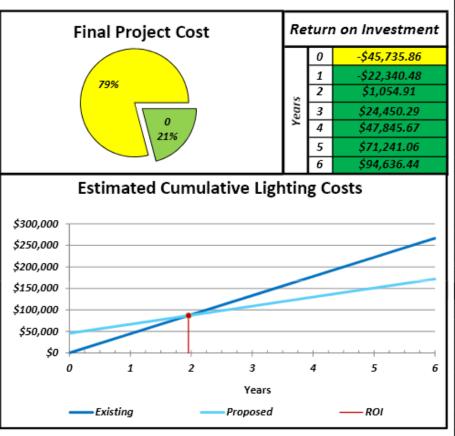
- Below is a list of the most common projects which energy savings is accomplish
 and can be Measured and Verified then an incentive can be provided.
 - Lighting Systems
 - Compressed Air Systems
 - Variable Speed Drives
 - HVAC Systems
 - Fans/Blowers Systems
 - Pumps Systems
 - Process Heating Systems
 - Steam Systems
 - Etc.

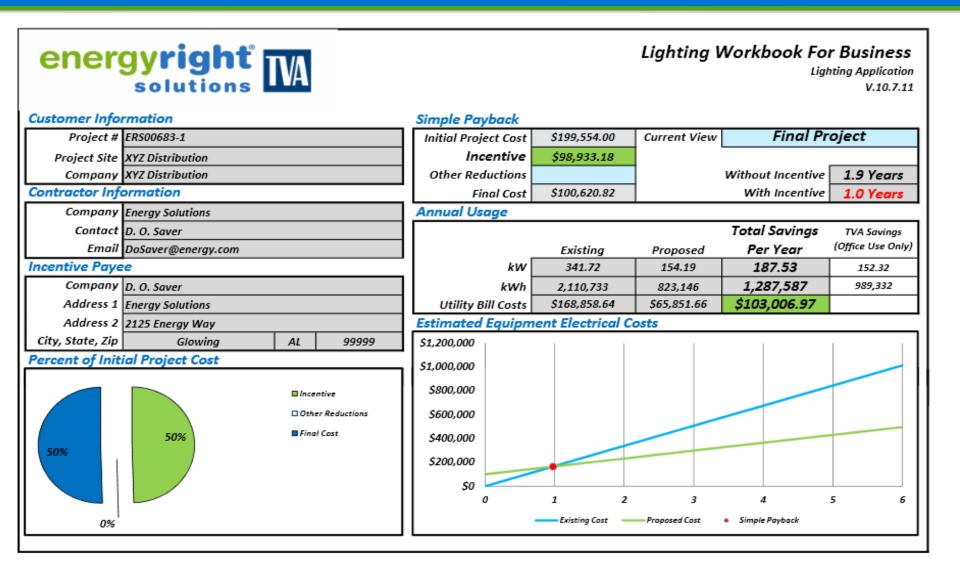
Items NO incentive can be provided

- Power factor correction
- Compressed air leaks
- Going form smooth to notched belts in air handlers
- High efficient
- Fuel switching



Lighting Workbook For Business Applications





Conclusion

- Data, Data, Data
 - Pressure, flow, power, hours
 - Performance curves
 - Original design parameters
 - Control Systems
 - Throttling valves, damper control, bypass lines
 - On/off, Variable Speed, Variable Displacement
- Know your limitations
 - Network with the experts

Become more efficient in 2012

Any questions?