

Strategic Focus: Renewables, Energy Efficiency & Conservation

Goal: Enhance Energy Efficiency Efforts

Champion: Mark Schwantes

Task	Date Due	Status
<p>Develop and Administer Commercial Lighting retrofit program</p>	<p align="center">On Going</p>	<p align="center">In Progress</p> <p>Worked out the details with Tri-State during the first quarter</p> <p>Met with Tri-State representative to discuss program in June, visited with LPEA members and suggested enhancements and changes</p> <p>Contact made with over a dozen potential candidates, many of whom have completed initial analysis</p> <p>Working with Tri-State and a grocery store to upgrade lighting in refrigeration cases to LED Two \$3,000 rebates received from Tri-State and ready to be paid to the member as soon as the work is completed</p> <p>LPEA headquarters lighting retrofit complete Total Cost of job ~\$30,000 Rebate from Tri-State ~ \$6,000</p> <p>Six (6) rebates processed and paid through the end of July</p> <p>Developing brochure, handouts and checklist</p> <p>News Release on program sent out in July</p>
<p>Monitor and evaluate new efficient products and services for members</p>	<p align="center">On Going</p>	<p align="center">In Progress</p>
<p>Study and evaluate the potential benefits of heat pump water heaters for our membership</p>	<p align="center">4th Qtr 2010</p>	<p align="center">In Progress</p> <p>One unit ordered, delivered and installation at LPEA headquarters. Will monitor for a year</p> <p>Second unit ordered for a member and installed. Member sharing experience with LPEA and Tri-State</p>

		Tri-State has reimbursed LPEA and member for cost of the units (~\$1,400)
LPEA Holiday Light Program	1 st Qtr 2010	Complete Estimated reduction of 190 MWH each year
Add "Convectair" heating products to those available from LPEA	2 nd Qtr 2010	Complete 2009 pilot program complete As of the end of April, LPEA have purchased 31 Convectair Electric heaters (42 kW) Display, price sheet and literature available in lobbies and on the web Training of employees complete Pilot project ongoing at the warming hut of Adaptive Sports Association at DMR
Promote the benefits of the Watt Watcher® Program	On Going	In Progress Continue to help members save; 2009 savings totaled \$1.3M Providing TOU Commercial & Government account analysis; Meeting with Water Companies to increase number of water accounts on TOU Reprogrammed one dozen ETS Watt Watcher® meters in March to shift and balance load Reviewing 25% of Residential TOU accounts with low off peak usage Updated and communicated seasonal TOU changes Targeting 20 MW ETS sold for total program by year end Hosted Steffes Contractor Training in April

		Marathon Bill Insert scheduled for May and June cycles – Target 1,000 th unit sold (total)
Continue LPEA’s “Save Your Energy” communications campaign	On Going	In Progress All Communications incorporates LPEA logo with the “Save Your Energy” tagline Shared information with the membership at the Annual Meeting in May, 2010
Incorporate Touchstone’s “Together We Save” campaign	1 st Qtr 2010	Complete 101 Energy Saving Guides now tied to this campaign Small magnets ordered Prominent link added to LPEA website Information incorporated into school / member education Information was available at the 2010 Annual Meeting held at FLC this past May Together We Save information shared at the 2010 La Plata County Fair
Support, market and communicate Tri-State’s Energy Efficiency Credits Program	2 nd Qtr 2010	Complete LPEA partners with Tri-State with the following programs: CFL / Commercial Lighting Retrofit / Heat Pump Water Heaters / ETS Heaters / Marathon Water Heaters / LED Street Lighting / Energy Efficiency Kits
Distribute Energy Efficiency Kits	On Going	In Progress 100 plus kits are available through 4CORE to support their Weatherization Assistance Programs Offer to all members during energy assessments, community events, etc...

		100 Kits to be available for distribution at FLC Etiquette Dinner in September
Distribute 2,000 CFL's to members	On Going	<p>In Progress</p> <p>Emphasizing and promoting the kWh savings with CFL's and offering opportunities to switch out incandescent bulbs</p> <p>In April, started campaign to offer two free CFLs for "just one block of GP". The first event with 4CORE – Green Living Expo. Second event was also with 4CORE, the Home and Ranch Show</p> <p>Developing proposal to provide CFLs for residence halls at FLC</p> <p>Providing one CFL for all incoming freshmen students at FLC this August</p>
GEO & LPEA Energy Star Rebate Programs	On Going	<p>In Progress</p> <p>Communicating to members that both Energy Star Rebates are now available</p> <p>Last year total number of Energy Star rebates was 152 for appliance purchases and 70 for recycled refrigerators</p> <p>2010 goal is to double those numbers</p>

Strategic Focus: Renewables, Energy Efficiency & Conservation Goal: Enhance and Increase Energy Audits Champion: Mark Schwantes		
Task	Date Due	Status
Continue to communicate the availability of the energy assessment service to all members	On Going	<p>In Progress</p> <p>Highlighting actual results with members and the community</p> <p>Promoting the benefits of simple energy efficiency measures</p>
Develop plans and enhance the	On Going	In Progress

utilization of our energy assessment tools		Identifying the specific target accounts / members that can benefit from using a Watts Up meter, Load Profile meter, Kill A Watt meter, power cost monitor unit & Infrared Camera We are increasing the availability and use of "Hobo" load profile monitoring devices
Support 4CORE's Weatherization Assistance Program	3 rd Qtr 2010	In Progress LPEA provided funding, letter of support, CFLs and Energy Efficiency kits to compliment 4CORE's efforts
Focus on Specific Energy Usage Sectors and Operations	On Going	In Progress These sectors include: Government / Public Entity Business / Commercial Water Districts Irrigators Residential

Strategic Focus: Renewables, Energy Efficiency & Conservation Goal: Support Local Renewable Generation Projects Champion: Mark Schwantes		
Task	Date Due	Status
Monitor and support Biomass effort in Archuleta County	Set by Member's project schedule	On Going Initial engineering review of line extension and interconnection requirements are complete Draft Purchase Power Agreements have been discussed Discussions regarding rates provided to the board in February Follow up with Tri-State regarding rates to be completed in early March Developer provided an update at the March

		<p>board meeting</p> <p>Discussions ongoing in May with Tri-State</p> <p>Also exploring other funding options - USDA Rural Energy for America Program (REAP) Colorado GEO Etc....</p>
Renewable Generation Power Purchase Agreements (PPA)	On Going	<p>In Progress</p> <p>Facilitate contracts and renewals for PPA with Williams & future renewable generation of 25 kW or larger</p> <p>Currently discussing a PPA with Tri-State and the Florida Water Conservancy District for production from Lemon Hydro. Developed first draft and will have available for August, 2010 board meeting</p>
Continue to build positive working relationship with local Renewable Generation industry	On Going	<p>In Progress</p> <p>2010 Quarterly meetings are scheduled and occurring</p> <p>Celebrate 200th Net Metered Account ~Mid 2010</p> <p>2010 Projection – 100 new Net Metered & Interconnected accounts</p> <p>Celebrate 100th new 2010 RG around the end of the year</p>
Engineering reviewing Line Extension and Inter-connection Requirements	Set by Member's project schedule	On Going
Power Purchase Agreements Development	Set by Member's project schedule	On Going
Determine feasibility of a community funding renewable generation project	On Going	<p>In Progress</p> <p>Worked with developer on business plan and economics of a 1 to 2 MW solar farm "collective"</p> <p>Have discussed a solar farm partnership with 4CORE and the Energy committee of SASCO</p>

<p>Partner with GEO on Solar Thermal</p>	<p>2nd Quarter 2010</p>	<p>Complete</p> <p>Application submitted Feb 25th</p> <p>GEO details were made available on the 19th of April. \$25,000 budgeted to leverage with GEO funds</p> <p>Two systems installed as of the end of July. \$3,000 paid out to each member (\$1,500 from the GEO and \$1,500 from LPEA)</p>
<p>Support Libraries and Middle / Elementary Schools Renewable Projects</p>	<p>On Going</p>	<p>In Progress</p> <p>Develop RFP for Renewable Generation Projects</p> <p>Bayfield & Escalante Solar PV Installed & Monitored</p> <p>Contacted and communicating with Sunnyside, Needham, Animas Valley Elementary, & Pagosa Middle School</p>
<p>Durango Disposal Cell Project Solar Farm DOE / LPEA / La Plata County</p>	<p>On Going</p>	<p>In Progress</p> <p>Staff attended presentation that DOE gave to La Plata County in March</p> <p>U.S. DOE board update in April to LPEA board</p> <p>County discussion with LPEA board completed in April</p> <p>LPEA staff followed up with DOE reps and attend scoping meeting on May 3rd</p> <p>Regularly scheduled teleconferences set up for each month</p>
<p>Support Local Government & Non-Profit Renewable Projects</p>	<p>On Going</p>	<p>In Progress</p> <p>City of Durango Transit Center Discovery Museum</p> <p>LPEA staff met with an FLC rep regarding solar at Fort Lewis College new Student Union Building and radio station sites.</p>

		<p>Waiting to hear back from the college</p> <p>Follow up meeting with new FLC Environmental Center Executive Officer was completed in August</p>
Administer and offer Tri-State Performance Payments Policy 117	On Going	<p>In Progress</p> <p>Contract both old and new Net Metered and Interconnected Renewable Systems</p> <p>Project \$100,000 in REC payments from Tri-State to LPEA members</p> <p>Total amount from Tri-State received in March ~ \$66,000</p> <p>Attestations submitted to Tri-State for the first six months of 2010</p>
Support existing Renewable Generators	On Going	<p>Conducting summer Audit of installed PV, Micro hydro and Wind generation</p> <p>Two systems found not hooked up and generating</p> <p>One system discovered that has not completed paperwork, been inspected checked out</p> <p>We have credited \$2,086 for the excess production for the past twelve month. Thirty five systems generated a total of 34,037 kWh more than they used at their location.</p>

<p>Strategic Focus: Renewables, Energy Efficiency & Conservation</p> <p>Goal: Increase Outside Funding for Local Projects</p> <p>Champion: Mark Schwantes</p>		
Task	Date Due	Status
Administer Tri-State 117 Contracts	On Going	In Progress

		First half of 2010 Attestations submitted to Tri-State for payment. ~ \$66,000
Administer Tri-State Energy Efficiency Credits Program	On Going	In Progress
Monitor availability of ARRA, USDA and GEO grants, loans and partnerships	On Going	Underway GEO solar rebate program could bring an additional \$3,000 per installation for residential systems Staff updated on USDA Rural Development offerings at Feb 5 th seminar GEO details were made available on the 19 th of April GEO scheduled to give update at quarterly Renewable Generators meeting in May Submitted request for \$100,000 grant for USDA REAP funds in August
Partner with GEO on Solar Thermal	2 nd Quarter 2010	In Progress Application submitted Feb 25 th GEO details were made available on the 19 th of April. \$25,000 budgeted to leverage with GEO funds GEO gave update at quarterly Renewable Generators meeting in May Two systems installed as of the end of July. \$3,000 paid out to each member (\$1,500 from the GEO and \$1,500 from LPEA)
Energy Star Partner with GEO's State Energy Efficiency Appliance Rebate Program (SEEARP)	2 nd Quarter 2010	In Progress Provide marketing for the GEO's SEEARP
Support and partner with 4CORE for available grants	Determined by announcement and availability	On Going Submitted and selected for the Sonoran Institute's "Community Energy Futures Institute" Grant

		Exploring support for EPA's "Climate Showcase Communities" Grant
Partner with BP and Bland Solar to install PV at Sunnyside Elementary School	On Going	In Progress \$10,000 grant from BP received Negotiating with solar installer on details and reviewing project specifications
Develop and Administer Commercial Lighting retrofit program	On Going	Complete See above, Enhance Energy Efficiency Efforts Target – one dozen lighting retrofits resulting in "lighting" load decline Amount of EEC received from Tri-State at the end of July ~\$21,000
LPEA Holiday Light Program	1 st Qtr 2010	Complete \$20,000 received under Tri-State's EEC program for distribution to LPEA's members

Strategic Focus: Renewables, Energy Efficiency & Conservation		
Goal: Double Number of Green Blocks Sold		
Champion: Mark Schwantes		
Task	Date Due	Status
Develop and Implement 2010 GP Marketing Campaign	1 st Qtr 2010	Complete
Communicate "Just One Block" participation to members	On Going	In Progress Identified GP options to include paper & E bill; call center; at most LPEA sponsored events Attempt to compliment energy and \$ savings with GP purchase Discussing multiple account member outreach Provide information about GP program to members who we are directly in contact with on a daily basis: Energy Assessments,

		<p>Renewable Generators & Installers, CFL giveaways, Earth Day & Schools, Efficient Lighting Reviews</p> <p>4CORE assisting at events including the Green Living Expo, the Durango Home and Ranch Show, etc....</p> <p>Researching communication of changes to program in to the electric bill that is mailed or emailed</p>
Enhance "Green" Recognition	On Going	<p>In Progress</p> <p>Continue to identify & establish EPA Green Communities & Partnerships</p> <p>Strive to be #1 participant in Tri-State Green Power program</p> <p>Target – 10% participation from membership</p> <p>Submit nomination for U.S. DOE 2010 Green Power Leadership Award</p>
Evaluate GP Purchase Options	On Going	<p>In Progress</p> <p>Reviewing third party solicitation to purchase REC at a discount price compared to Tri-State option</p> <p>Discussed with Tri-State the potential for a price reduction during March and April</p> <p>Tri-State is evaluating program and may reduced the price in May of 2010</p> <p>Board presentation to reduce LPEA price for GP scheduled for May, 2010.</p> <p>Recommendation to reduce both R18 and RL19 to ten cents per block</p> <p>Also that shared options for changes to board policies 359 and 361</p>