Congressional District 14 Platform

Regional Grey Water Green Renewable Energy

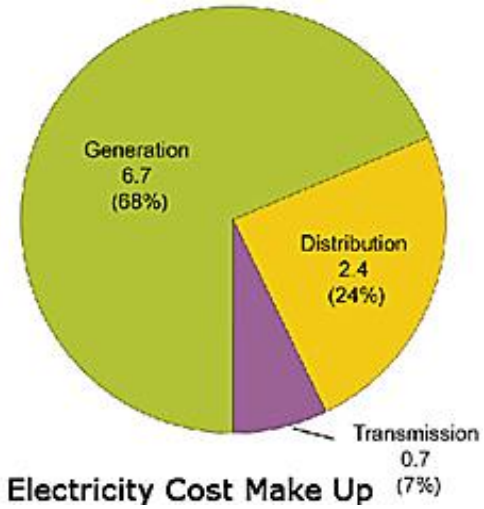
Part 1: Identification and Significance of the Platform Innovation.
This platform proposal has a connection to energy efficiency and alternative and renewable energy related to the NSF Innovation Area of Education Applications/ Entrepreneurship Education Applications (EA/EA4). As an efficient, inexpensive, renewable and alternative energy source, hydro-powered grey water unit for electricity will be advocated and promoted for wide-scale domestic use. Our platform project proposes to create a more efficient hydro-powered grey water unit using grey water from the waste water plants to generate energy that can be used by District 14 cities and the nation and agricultural entities in the community, saving money and the natural resource of water. Our platform project intends to partner with universities and work with university students to incorporate the challenges of advancing STEM (science, technology, engineering, and mathematics) education for all students, to nurture innovation, and will ensure the long-term economic prosperity of District 14 and our Nation.

Part 2: The Platform Background and Phase I Technical Objectives.
In order to increase efficiency in agricultural, rural, and urban communities, which in turn will improve the financial situation of farms, state correction units and communities, ease the burden on the electricity grid, and decrease pollution and dependence on foreign oil; Americans need to take bold action. Recently, energy efficiency programs for agriculture and rural communities particularly, and some urban communities have become more common nationwide. New organizations specifically dedicated to improving efficiency on farms, ranches, and rural small businesses have emerged, and existing programs are widening their focus to include urban and rural energy efficiency issues. Our platform is one such entity that has proposed a tool that will greatly increase our energy supply; and reduce the need for costly electricity; thereby saving agricultural and rural communities money. The development of this proposal will ultimately lead to increased rural economic development, food security, reduced dependence on foreign energy sources, and improved environmental quality. First Capital Renewable Energy Community Development Corporation (501C3), a non-profit organization, based in West Columbia, Texas is presently the HUB for this new program. It's one and only task is to set the stage and deliver to the citizens, businesses and cities on the gulf coast of District 14 and the nation a green energy system that provides for all the municipalities of District 14.

The cost of electricity can be very expensive. "*The Earth is a planet of finite resources, and its growing population currently consumes them at a rate that cannot be sustained. Widely reported warnings have emphasized the need to develop new sources of energy, at the same time as preventing or reversing the degradation of the environment*" (National Academy of Engineering, 2011). Farm income is poor because many of the prices of farm products are almost the same as they were some 50 years ago. Today, farmers have to produce 25 to 30 times as much corn, wheat, etc. to get the same buying power from each acre of land that their grandfathers had. This makes it extremely hard to invest in machinery or other systems.

North America currently accounts for the largest regional share of world electricity generation, with 27 percent of the total in 2007. In 2035, it is projected that North America will account for

only 19 percent of the world's net electric power generation. The United States is by far the largest consumer of electricity in North America[i] (US Energy Information Administration, 2007)
A large part of all municipalities' budgets and taxpayer dollars are spent on electricity. In 2010, the average residential costs were about 11.5 cents per kilo-watt hour, with commercial costs being approximately 10.3 cents. Electricity costs in the US have been rising about 4% per year for the past ten years, primarily because of the increase in the costs of fuels. Hydropower is the renewable energy source that produces the most electricity in the United States. It accounted for 6% of total U.S. electricity generation and 60% of generation from renewables in 2010. The lifetime cost in cents (¢) per kilo-watt (Kwh) for wind energy is approximately 7.5 cents. Changing to grey water green and clean energy source will save cities and communities millions over the lifetime of the project. Based on the fact that renewable energy sources will save citizens, corporations, and the country money, through my campaign platform I have decided to go even further to discover the best means of saving the resources used to generate energy and decided to use grey water (the wastewater that is recycled through the system). This will allow the use of fresh water to be reserved for drinking, cooking, bathing, etc.



Electricity Cost Make Up

The objectives of the my campaign platform research and development effort are to:

a) Develop natural science, economic, social and other fundamental and scientific research, with the main task being to determine the possibilities of sustainable development of hydro power and to create preconditions to develop ecologically clean and safe energy.
b) Foster the development of hydro power resources while preserving communities (urban and rural) as compatible adjoining uses.
c) Create and develop a full cycle of hydro power activities as ecologically clean as possible using modern technologies (STEM).
d) Improve renewable energy technology and produce an industry that will save millions of dollars of energy

What is the intellectual merit of the my campaign platform proposed activity?
How important is the proposed activity to advancing knowledge and understanding within its own field or across different fields? (15 external projects)
It is important for people to understand the necessity of using hydropower as a form of energy in the United States. The Department of Energy has the goal of 10% growth in generation at existing plants and harnessing undeveloped hydropower capacity without constructing new dams. They are working with industry to develop new technologies to increase the generation of existing hydroelectric plants. The DOE is also conducting research to develop low power hydropower resources, optimize project operations, and combine hydropower with other renewable technologies such as wind power to provide a stable supply of electricity to our nation's grid. This campaign platform project will demonstrate the feasibility of saving energy, saving money, and saving water since the water for this project can be used over and over again. Once people, mayors and city councilmen/women understand how beneficial it can be to a municipality, especially one

that has high energy rates, they will be more prone to participating and supporting our campaign platform project. There have been many research projects created using windmills, solar panel and some using hydropower, but this green gray water energy project is different. This project proposes to use an existing municipal service (a sewer plant) that is already in operation and is necessary to run a town or city and use it to generate electricity, thus saving money, time, and energy. The Sewer Plant and the grey water it produces can be used along with the unique tool designed to enhance and make less expensive the use of a hydro-powered unit to generate electricity. Grey water is waste water from bathtubs, showers, bathroom sinks, washing machines, dishwashers, and kitchen sinks – any source in the home other than toilets. Despite the huge city budgets set aside with taxpayers' dollars to run the Sewer Plant, funds can be recouped by saving money on electricity through this grey water system. With the growing cost of electricity and the growing concern of water shortage for certain areas in the country, this new process can save us in the future. The proposed process could allow cities to eliminate or reduce the costs of the sewer plant process from their yearly budget by using the city's collection of grey water and converting it to electricity. This process has the potential to save cities millions of dollars per budget year and the saved resources could be used to upgrade infrastructures and reduce taxes. This process would relieve cities from borrowing and increasing taxes. Additionally, students will have an opportunity to use science, technology, engineering, and Math (STEM) to research this project.

How well qualified is the propose candidate (individual or team) to conduct the project?

Robert Thomas campaign for Congress was formed to create and research innovative ways to improve energy efficiency and create jobs and opportunities and pass such on to the general public. I am a test engineer who holds a Certified Tester, Foundation Level (ISTQB) ASTQB as a former aerospace software tester engineer at the Johnson Space Center who has the knowledge to create a tool that could generate energy and electricity without the use of typical electricity. I have strong ties to the area an community as a city councilman and as a Board of Director for the Economic Development Corporation of the city of West Columbia Tx. My field of interest is engineering and green energy. I am well qualified to conduct, lead and implement a House Bill to support District 14 and the nation. I am a highly qualified Systems/Software Engineer with 35 years of exceptional experience in integration systems testing and analytical software development within Mission Control and the Flight Integration real-time simulation/training environment for the International Space Station (ISS) at the Johnson Space Center. In my role as Lead Test Engineer/Computer Science Specialist IV at the Johnson Space Center, NASA, I was the lead test engineer for the US, Russian, Japan simulation systems on several projects that dealt with development, testing, and tracking project success. I preformed standalone test, unit test, integration test an managed and documented procedural requirements and completed all required reports for distribution to all of the stakeholders, including the federal government. My community ties include the position of city councilman for the city of West Columbia for the past 20 years. In this capacity, we must hold public hearings before adopting or revising the city goals and objectives of the city; review, approve, or amend and approve all budgets of the city; adopt policies, plans, programs, and legislation consistent with the goals and objectives of the city; and hire the personnel. I have also in the past served as a Member of Executive Board of Directors for the Communities in Schools program which empowers disadvantage students to stay in school and get an education and oversees programs in the schools in Harris county and Brazoria county. I have held the position of Director to the Board of Economic Development Corporation for the city

West Columbia for the past 20 years. In this role, we have completed many projects using Community Development Block Grants funds and implemented programs that have promoted the economic development of the city. Some of the projects I have been involved in through city council or EDC are that we have successfully brought to the city of West Columbia are new parks, post office, CVS, Walgreens, HEB, Jack In Box, McDonald, Baytown Seafood, doctor office, Dollar General, Stripes and our latest La Cosona restaurant.

To what extent does my platform proposed activity suggest and explore creative, original, or potentially transformative concepts?

My platform project is designed to offer an opportunity to municipalities and society to have an alternative way to produce their own source of electricity to operate their sewer plants and to run their government during hurricane power outage rolling blackouts, street lights by using processed grey water. It also gives its citizens the same opportunity and more such as tank to toilet capability. In this experiment, the Brazos River presently in the city of West Columbia will be used to demonstrate this project when accepted. Texas and most all other cities process their grey- and black water (water contaminated with animal, human, or food waste) to meet state requirements and then grey water is processed and released back into the rivers and streams. This process is very costly to the taxpayers and the cities. The newly designed hydropower unit created to operate the unit without wind is truly ingenious. This design and plan will allow the use of water that has already been used to be re-used to create the green energy. This innovative industry can be implemented in areas even when there is limited water available, because it reuses water that normally would be discarded. Once congress has approved this bill and the industry has been created, it will allow a individuals to have a unit in their back yard. Usually, good wind sites are often located in remote locations, far from cities where the electricity is needed. Transmission lines must be built to bring the electricity from the wind farm to the city. The green energy power created from this new innovation will allow grey water sites to be located anywhere, because the unit created will be much smaller in size than the present units and can easily fit in a back yard!

How well conceived and organized is the platform proposed activity?

Robert Thomas has been planning this project for several years. I have contacted city leaders in the local area to discuss this project. They are in agreement that this project is viable and feasible for their city. My campaign platform is organized around the success of this project with the ultimate goal being to create and use green energy and save the citizens, cities and consumers money.

Is there sufficient access to resources?

The city of West Columbia has agreed in the past to provide access to its sewage plant to complete the research and development components of this project and has agreed to allow the students and university researchers to use the current sewage plant for testing. The Brazos River, already used for the sewage plant in the city (release of grey water), will also be accessible to this project. The university is well equipped to complete the research and development component of the project.

What are the Broader Impacts of the Campaign Platform Proposed Activity?
How well does the activity advance discovery and understanding while promoting teaching, training, and learning?
When most people think of hydroelectric power, they often think of a large dam that blocks rivers and generates large amounts of electricity. The future of hydropower, however, may be the exact opposite. This project will use small scale generators on and recycled water (grey water that can potentially be used over and over) to provide power for communities. The new hydropower electricity infrastructure will be less expensive, more efficient, and make less of an impact on the environment and wildlife habitat. This project will also allow the STEM students and other stakeholders to measure the efficiency of hydropower versus other types of power plants. Since the U. S. Energy Information Administration (EIA) does not have estimates for the efficiency of generators using hydro, solar, and wind energy, this project will provide an opportunity for generators using these types of energy (in particular hydro power) to be measured as well as promote the importance of STEM learning.

How well does my campaign platform proposed activity broaden the participation of underrepresented groups (e.g., gender, ethnicity, disability, geographic, etc.)?
Students from the University will participate in the development of this project. Research shows an expanding ethnicity gap for Americans pursuing science, technology, engineering, and mathematics (STEM) careers. A new report from the National Action Council for Minorities in Engineering (NACME) reveals that the number minority students pursuing STEM degrees and careers has flattened out or even declined in recent years. There is data clearly shows that minorities in Americans especially African American have among the lowest number of degrees received by men and/or women for Bachelors, Masters, or Doctoral degrees in Engineering. This project will promote interest and focus on all students providing the research and development of this project.

Number of Degrees in Engineering By Level, Sex, and Race/Ethnicity, 2009									
2009	**Bachelors'**			**Masters'**			**Doctorates**		
Underrepresented Minorities	**Female**	**Male**	**Total**	**Female**	**Male**	**Total**	**Female**	**Male**	**Total**
Underrepresented Minorities	2194	6826	9020	683	1694	2377	87	224	311
African Americans	858	2238	3096	304	667	971	43	96	139
Latinos	1261	4316	5577	360	957	1317	38	115	153
Amer. Indians	75	272	347	19	70	89	6	13	19
All Other US Citizens	9731	47778	57509	3980	14583	18563	769	2294	3063
Total U.S. Citizens and	11925	54604	66529	4663	16277	20940	856	2518	3374

Permanent Residents									
Temporary Residents	825	3246	4071	3576	11994	15570	856	3685	4541
GRAND TOTAL	14750	57850	70600	8239	28271	36510	1712	6203	7915

Source: NACME Analysis of Integrated Post-secondary Education data system (IPEDS) data accessed through the NSF WebCASPAR database system (March 2011)

Also, equally disturbing is that the number of temporary residents (non-U.S. citizens) exceeds at almost every level the number of African American receiving degrees in Engineering, and at several points exceeds the total number of U.S. citizens receiving these degrees. This means there is the potential that these skills and talents will not remain in the U.S. and will not help us to increase the technology needed in the United States. .

To what extent will my campaign platform enhance the infrastructure for research and education such as facilities, instrumentation, networks and partnerships?
Will the results be disseminated broadly to enhance scientific and technological understanding?
An external evaluator will be required to evaluate the program. There will be an overall responsibility for implementing the project's evaluation plan for qualitative and quantitative data collection methods. This responsibility will ensure that qualitative and quantitative data is collected for the project via established, standardized protocols during process period. Data collection methods will include test and survey results. ***How the data will be disaggregated:***
The quantitative and qualitative data that will be collected will be disaggregated, analyzed, and reported, as part of the evaluation plan. Multiple types of data will be collected for the entire process period, including data for (1) **implementation and program context indicators** (e.g., how well the project is implemented in meeting the goals and objectives on time and within budget, and how well issues are dealt with and resolved as they occur); and (2) **training indicators** (e.g., what is the impact of the teaching and learning regarding this project). **How continuous improvement will result from ongoing data analysis:** Data collection methods are designed to elicit continuous feedback and performance assessment from all stakeholders, and to address all strategies and activities related to the project. Depending on the scale level of the data collected, qualitative and/or quantitative analytical procedures may be used to process and present the evaluation findings. These evaluations are an integral component of the program. While the assessment of the *summative/product* goals and objectives will enable program stakeholders to determine the success/effectiveness of the program model (*Summative Evaluation*), the assessment of the *process/formative* objectives of the program will enable program stakeholders to determine the quality, effectiveness, efficacy, and relevance/appropriateness of the project activities. These results will be reported to congress and it sponsors through the university and its campaign website. Additional reports will be provided through publications and conference presentations
the benefits of the proposed activity to society?
The benefits of this project to district 14, the Nation and to users are many. As has been well documented, hydropower/wind energy is a clean fuel source and does not pollute the earth. Wind turbines don't produce atmospheric emissions that cause acid rain or greenhouse gasses. According to the American Wind Energy Association, if the nation's wind energy capacity is increased to

20% by 2030, it would: a) Reduce Greenhouse Gas Emissions (A cumulative total of 7,600 million tons of CO2 would be avoided by 2030); b) Conserve Water (Reduce cumulative water consumption in the electric sector by 4 trillion gallons from 2011 through 2030); c) Lower Natural Gas Prices (reduce natural gas demand and reduce natural gas prices by 12%, saving consumers approximately $130 billion); d) Expand Manufacturing (the production of enough units and components for the hydro power scenario would require more than 30,000 direct manufacturing jobs across the nation); and e) Generate Local Revenues (Lease payments for hydro power/wind units would generate well over $600 million for landowners in rural areas and generate additional local tax revenues exceeding $1.5 billion annually by 2030[ii].

The estimated costs of using hydropower energy, including the initial capital investments and actual costs show hydropower to be a much more cost efficient energy source than electricity through the typical sources[iii].

Initial capital investments include:

- The cost of all the equipment involved in the project
- Land related costs which depend on the number of panels, site preparation and security protection
- Grid connection costs such as inverters, transformers, and transmission to the nearest grid

Initial Labor Costs include:

- Site design, installation labor, sales and marketing, and other overhead expenses

Annual Costs

- Operating costs, maintenance costs, panel cleaning, insurance, and general overhead are included

Additionally, hydro powered projects could be a way to help the U.S. out of its economic slump. This project has the potential to create jobs for thousands of people. The students benefit because this project will help provide an overall high quality, applications-oriented project in the engineering technologies. This project will enhance the curriculum which is designed to prepare students for careers as engineering technologists who have the ability to understand new developments in their fields, adapt to change, embrace professional development opportunities, and assume professional roles in their respective fields.

Part 3. Commercial Potential.

There is the opportunity that millions and potentially billions of dollars could be saved with the use of hydropower energy. Hydropower has been the fastest growing source of electricity generation in the world. However, the majority of this growth has been in Europe, where conventional energy costs are higher than those in the United States. With large untapped wind energy resources throughout the country and declining wind energy costs, the United States is now moving forward into the 21st century with an aggressive initiative to accelerate the progress of wind technology and further reduce its costs, to create new jobs, and to improve environmental quality (Wind Powering America, 2009). In agriculture, electricity is extremely important to getting crops. The agricultural sector helps fuel our economy and puts food on our tables.

Area	Population	Yearly Cost of Electricity and other utilities for municipality	Estimated costs with hydropower energy*
West Columbia	4,203	219,000	159,466
Houston, Texas	2,257,926	149,431,000	108,808,980
State of Texas	25,145,561	1,508,733,660*	1,098,592,471
United States	308,745,538	17,907,241,204*	12,349,822,000

Source: City-Data – West Columbia, Tx; City-Data – Houston, TX; US Census Bureau 2011
**Based on approximation – costs may be higher*

It has been predicted by the Global Wind Energy Council (GWEC) that the global wind market will grow by over 155% from its current size to reach 240 gigawatts (GW) of total installed capacity by the year 2012[iv]. This would represent an addition of 146 GW in the 5 years since the study, equaling an investment of over $277 billion. The electricity produced by wind energy should reach over 500 terawatt-hours (TWh) in 2012 (up from 200 TWh in 2007), accounting for around 3% of global electricity production (up from just over 1% in 2007). The main areas of growth during this period will be in North America and Asia, and more specifically the US and People's Republic of China (Source: GWEC – Global Wind 2007 Report).

As stated earlier, the Sewer Plant and the grey water it produces can be used along with the unique unit designed to enhance and make less expensive the use of a windmill to generate electricity. This project proposes moving grey water with the use of the newly created innovative invention, which actually eliminates the need for wind. The new invention will allow the unit to be designed smaller and user friendly, which makes it an efficient use of power for small farms and homes. The government can offers rebates and tax credit programs both at the state and federal level that offers an opportunity for people to use this green energy and take action in an affordable way. Additionally, the new invention is cheaper to produce, which means that the parts will be more readily available for use. Finally, because of the size, these units they can be used anywhere, even in a backyard, to create an efficient use of energy and electricity.

Hydropower energy is so efficient and important that the World Bank group has committed to increase lending for hydropower, especially in developing countries where the demand to alleviate poverty is high. Accounting for just about 20% of the world supply of electricity, hydropower is a critical renewable energy source, bringing light and heat to 1.6 billion people who currently lack access in poverty stricken countries[v]..

There is most definitely a potential use of the proposed research by the Federal Government. There is a special focus and emphasis on green energy. Through the Recovery Act, the Administration made historic investments in a host of clean energy programs that ultimately supported thousands of projects across the country. The Administration also funded the Department of Energy's Advanced Research Project Agency-Energy (ARPA-E) for the first time ever, which focuses on “out-of-the-box” transformational energy research that would bring together the nation’s best scientists, engineers, and entrepreneurs.

The target market for this platform project is: all municipalities, farmers, county and state correctional units, remote colleges, remote subdivisions, schools and any businesses that have their

own wastewater plant. The target market includes domestic and international marketing opportunities. The potential customers are city leaders, taxpayers, business owners, and the consumers. The customers benefit through the opportunity to decrease utility cost and increase productivity. The project offers the opportunity to decrease the customer's taxes and create green energy jobs. The **barriers** that exist are the **proper funding and research and development.** .

My description, experience and credentials for offering my platform innovation to congress.

I am by trade a software test engineer I received my degree from Prairie View A&M University in Computer Science. I received additional software training in Microsoft Windows 95, 98, 2007, XP, MS Office – Word, Excel, PowerPoint, Project, Unix / Linux, Networks (Novel, TCP/UPS, LAN, WAN), Software (C, ADA 95, Client Server, DOS), Symbolic Generator, Mapper Run Design, Exec Control Language, Exec 8 Control Language, Rockwell INC. software, and Doors Training and Russian language and Russian software. I also received hardware training in the SUN Workstation, Univac (Unisys) 1100 Series System, MASSCOMP, Digital (DEC), Concurrent Model 8/32 Computer, IBM PC, HP, SEL, SDS, Real-Time Crew Station Systems, ISS/ SMS/ Japanese Real-Time Simulator. Additionally, he holds the following a certification as a Certified Tester, Foundation Level (ISTQB), ASTQB. I have over 30 years of experience in the aerospace field which where this model grew out of. The origin of my platform was created on basic engineering knowledge. I propose to implement this industry so all mankind can benefit from and will be created out of **value instead of debt** . The plan is to make our nation free of the dependence of foreign energy and give all nations to an opportunity that they can also create, using their own free energy.

The project most definitely matches the platform objectives. **My objectives I offer to you as a candidate are:**

- Create New Economy – Intrinsic Knowledge
- Regional Grey Water Green Renewable Energy
- Creative Retirement
- Increase merchant productivity
- Increase sale tax
- Decrease taxes
- Rebuild communities/Decrease federal debt
- Poverty and income Inequality to Equality
- Ownership society
- Probation Justice System Support
- Prescription Drug Affordable Program
- Wealth/Opportunities/Public Education/STEM
- Intrinsic Buy Local Right to Economic Security
- Local Universal Income (Ownership Society)
- Human Productive Energy (ATMI)
- District 14 Local Infrastructure Project,
- District 14 Disaster Relief Project, Framers and Rancher support
- District 14 Debt Free Projects, by amending our federal tax code
- Public Option Right to Economic Security House Bill

My mission and vision statement as a candidate for U S Congress District 14 are:
The proposed technology is the cornerstone of my platform mission - green energy is the mission. The Public Option Right to Economic Security is the present mission vehicle use to offer full political education support to the communities, voters, and taxpayers, with expectation of implementing all our objectives. My vision statement is to present to the public and country an innovative, professional, ethical, and knowledgeable provider of specialized services to the community. We will continue to look for opportunities to extend our information through market development and creative partnership alliances with other congressional districts.

With the newly designed unit, our platform will begin with no competition. Although there are hydro power systems that have been created, and one created that uses grey water, they are not created to work as this system does. This system uses grey water that is used over and over, saving water and energy, and a specially designed unit that can allow this process to be used even in a home, creating a small unit that can be created on the ground for individual home use. This green energy system will reduce the need for electricity and dependence on foreign oil. We feel our platform, product and technology will be the leading product and technology in its field. There is no project on the market that is competitive with our models.

What is the value proposition?
Hydroelectric power surpasses both solar and wind technology. The unpredictable nature of the elements limits the capacity of even large scale solar and wind farms. Using a typical hydropower system which depends solely on rivers and streams that occasionally dry up is inconsistent, whereby, this project, using grey water to support the project will be more constant, providing 24 hours of generation. This process will save energy and water, because the water will continue to be recycled. Additionally, the end product can be created out of value which means zero debt and no requirement to raise taxes on the wealthy but garners support of the wealthy. If we, as a nation, can be successful in creating this industry out of value without creating debt, then the grey water green energy products can be a tool not only to free our nation from foreign energy but also decrease our national debt. The value can also contribute to increased city revenue, jobs, and productivity, and a decrease in city and local taxes. There will be a huge impact on jobs for each municipality. This project will create new green jobs which will require new skilled employees in every area. Many new jobs will be created from labor to green technology jobs.

How do we plan to protect any IP generated from the proposed innovation?
The inventor will create contracts with any outside entities that will work with this project in order to prohibit others from taking advantage or commercializing the product without a prior agreement. This project will require a House Bill by congress and it must be created out of credit in order to produce its full effect on society and taxed on value.

What critical milestones must be met to get the Grey Water Energy industry implemented in our economy?
One of the most critical milestones is getting congressional approval for HB Public Option Right to Economic Security (grey water green energy) funding for the research and development and marketing the product. Additionally, ensuring that the R&D is completed with fidelity is also a

most critical milestone for completion of this project. Ensuring that we get the product to the right organization where we can provide the most value to their project. Our funding process is based on Zero funding from the US congress but will require congressional approval and amendment to our federal tax law. Funding out of credit mean the funds already exist, funding out of debt mean asking congress take from A and give to B or printing new money that do not exist.

Financing and revenue model

Our platform end in Washington DC and begin by writing a House Bill called Public Option Right to Economic Security. This generic bill will be the cornerstone of the House Bill with all the specifics Bills objectives as amendments to the generic HB. Our platform will entertain and build contract with the consumer and business market interest that will create a great opportunity for all to benefit without creating debt. We believes that even after the R&D is successfully completed, there will be many municipalities in other congressional districts that will desire this technology with the amended projects and will do what is necessary to get this project implemented in their district and cities because in the long run, the cities will prosper and save money. Currently, there are several entities that have expressed interest in the project but are waiting to find out the results and the research and development.

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[i] U.S. Department of Energy Facts, 2010

[ii] American Economy for an Energy Efficient Economy (2011)

[iii] The True Cost of Electricity from Wind Power, And Windmill "Availability" Factors, Glenn R. Schleede" April 2003

[iv] U.S. Energy Information Administration, "Electric Power Industry Overview," http://www.eia.doe.gov/cneaf/electricity/page/prim2/toc2.html

[v] 2009 International Bank for Reconstruction and Development/ World Bank