

Governor Nikki R. Haley
Office of the Governor
1205 Pendleton Street
Columbia, SC 29201

March 17, 2015

Dear Governor Haley,

I contacted you in November of 2012 and sent you a copy of the petition signed by 1286 residents in Pickens and Oconee Counties in South Carolina that live on and around Lake Keowee. This petition addressed the lake level established for Lake Keowee in case of a stage 4 drought condition in the Keowee-Toxaway Relicensing plan from Duke Energy.

Duke Energy has now submitted the final relicensing application to FERC for processing. The docket number is P-2503.

Please see the attached letter of comment which I entered into the FERC system today. I am mailing the letter, with the attached list of petition signers and the Dr. David Wyman study to Cheryl A. LeFleur, Chairman today as well.

Any interest your office can show in helping us reach a more reasonable compromise and establishing 793 ft. as the lowest lake level instead of the 790 ft. in the permit application will be greatly appreciated.

Sincerely,



Doug Barker
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Sunset, SC 29685

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Cheryl A. LeFleur, Chairman

Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

March 17, 2015

Subject: Keowee-Toxaway Relicensing Application

I am writing to you on behalf of myself and the 1286 petitioners who asked but were denied a seat on the stakeholder committee, and, therefore, were denied adequate input and consideration in the relicensing process.

Duke Energy's contention that its stakeholder process involved input from all impacted parties is incorrect.

I live in The Reserve at Lake Keowee and along with another property owner, Newton Brightwell, started a petition drive in September of 2013 with the intent of getting the voices of the actual property holders in Pickens and Oconee Counties heard by Duke Energy and the stakeholder team.

We obtained 1286 signatures of property holders, including people living in the Cliff's Keowee Vineyards, Keowee Springs, and Keowee Falls developments. We asked Duke Energy for a seat on the stakeholder committee and were denied such an opportunity. Duke's contention was that property owners were representative by a couple of corporate land developers who were given a stakeholder seat. The above mentioned 1286 petitioners do not believe the developers adequately represented the interests of individual property owners.

The essence of our concern is that Duke Energy did not factually and accurately represent in good faith the economic impact on property values in establishing its lake level floor during drought conditions. A secondary concern relates to Duke's timing with regards to the one concession Duke did make to property owners.

Early in the stakeholder process Duke Energy indicated to the stakeholder group that Duke would conduct a two phase economic impact study. Phase one was to be a broad economic impact analysis of the South Carolina Upstate area and phase two would deal with the property value impact on the two counties (Pickens and Oconee) that surround Lake Keowee.

Once Duke Energy had the results of the first study (Regional Economic Analysis of Changing Lake Levels in Lake Keowee) and its conclusions that there was little overall economic impact on the area, they steadfastly refused to conduct the promised phase two study to examine the impact on property values and local counties.

In sharp contrast to Duke's claim of minimal economic impact, a study conducted by Dr. David Wyman at Clemson University (since peer reviewed and accepted for publication)

found a direct correlation between the lowest targeted lake floor level in a stage four drought and property values. At the lowest proposed level (790 feet) the impact is in the range of -14% to -32% if the level is maintained for any length of time.

Even Duke Energy's own stakeholder group asked that the lake level floor be set at 793 feet. When the various lake levels from 790 feet to 793 feet were run through Duke Energy's various models, Duke Energy admitted to the stakeholder group that there was essentially no difference in downstream impact.

Although Duke Energy's final draft does state that Duke will strive to avoid water releases below a level of 791.5 feet, the actual permit floor remains at 790 feet.

The Petitioners and property owners believe that a floor of 793 feet represents a more reasonable and responsible compromise, particularly considering that by Duke's own admission a lower floor has no meaningful impact on downstream water recipients.

We understand that in the case of a sustained drought evaporation and drinking water draw down would still potentially drop the Lake Keowee level below 793 feet, but a 793 feet level would result in less time at lower levels and again would mitigate potential property value impact.

With regards to the one concession Duke Energy did make to property owners, the opportunity for some lake front dock owners to extend their dock walkways by the equivalent of 200 square feet into deeper water, Duke Energy placed such an unnecessarily narrow window of time to apply for such change on property owners that many owners will miss the window while others will be forced to spend thousands on a dock extension without even knowing it is needed

On behalf of the 1286 Petitioners, we request that Duke Energy raise the Lake Keowee floor to 793 feet as proposed by its own stakeholder committee and that Duke Energy eliminate any window requirement to apply for a dock walkway extension.

Respectfully submitted for consideration,



Douglas A Barker
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Sunset, SC 29685

And 1286 petition signers from the Lake Keowee area. (Attached)

Dr. David Wyman: "The Impact of Climate Change on Property Value: A Tale of Two Lakes" (Attached)

The Impact of Climate Change on Property Value: A Tale of Two Lakes

By

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Abstract for
The Impact of Climate Change on Property Value: A Tale of Two Lakes
By
David Wyman, Chris Post and Elaine Worzala

As climate change continues to impact the global environment resulting in extreme weather patterns from hurricanes, to floods, to severe droughts, the impact of environmental change on real estate values could be catastrophic in many places around the world. This study examines one of the most cited valuable attributes of a residential lot, the view, and focuses on estimating the impact of a sudden, significant change in the quality of that attribute. In this study, we compare the lake front property on a chain of man-made lakes located in South Carolina. One lake, Lake Hartwell, has experienced three severe decreases in its water levels over the last ten years due to severe drought conditions. The other lake, Lake Keowee, is less than 30 minutes away and was created for a nuclear power plant in 1971. Due to nuclear industry power plant regulations, Lake Keowee is a deep water lake and water levels have not been allowed to drop below a certain level so water level can be held constant for this comparison. We use spatial regression analysis to ascertain whether or not a reduction in water levels has a corresponding reduction in real estate value. The hypothesis is that buyers pay extra for the right to be on the water, have a dock, a boat and a view. With drought conditions, owners are now further from the water, their docks are on dry land and in some cases their water view has deteriorated to become a marsh view or worse. We compare the lot sales on both lakes over the same time period and expect to find that the rate of appreciation and depreciation on the two lakes will vary significantly. These results will be useful to better understand the value implications of the recent severe changes in weather patterns.

Background¹

Lake Keowee is a pristine blue lake that was formed in 1971 by Duke Power as part of the Keowee-Toxaway Complex to provide cooling waters for the Oconee Nuclear Station. The complex includes a nuclear station that generates enough electricity to power 1.9 million homes (Connor, 2012) plus three hydroelectric stations - Keowee, Jocassee and Bad Creek. Created from the damming of two rivers, Lake Keowee is over 23 miles in length and about 3 miles at its widest point. The natural beauty of the lake is complemented by abundant recreational facilities including swimming, fishing, and boating.

Crescent Land and Timber (now Crescent Resources) was formed as an unregulated subsidiary of Duke Power to manage surplus lands acquired in the construction of dams and lakes for hydroelectric power generation (Mildenberg, 2004).² Crescent's initial focus was on leasing farmland and harvesting commercial forestry (Mildenberg, 2004; Boyd 1999) – thus, it was not heavily involved in real estate development in its early days. However, the company changed directions in 1988 with a mandate to start development from the corporate stockpile of 270,000 acres of raw land including several thousand acres of undeveloped property on Lake Keowee.³ As Crescent owned approximately 95% of the land surrounding Lake Keowee, real estate development had been fairly sparse and basically limited to the remaining 5% of the area until then.⁴

Crescent created an in-house market study in the early 1990s and mapped every section available on Lake Keowee, comparing potential yields if a section was developed internally or if it was sold to an outside developer (Hamrick, 2010, pers. comm., May 10). Essentially, Crescent's strategy on Lake Keowee was to create two real estate divisions: a commercial one responsible for making bulk land sales to developers and a retail division focused on developing their own residential communities to sell lots from, the eponymous Crescent Communities. From the market study, the retail division cherry picked some of the best sites to create their own amenitized communities. All Crescent Communities were developed with strict standards and covenants to protect property values (Carolinalivingrealty.com, 2008). In total, over 100 residential communities have been developed on Lake Keowee with an estimated 8,700 buildable lots located on 300 miles of shoreline. Over 2,000 lakefront homes have been built in the last twenty years, many of them high end residential homes (Williams, 2008).

The development of high end residential real estate was facilitated by a Nuclear Regulatory Commission decree in 1995 that the water level of Lake Keowee should operate at a minimum level of 794.6 feet above mean sea level (AMSL) in order to satisfy cooling water requirements

¹ We would like to acknowledge the significant assistance provided by Lisa Simmering, a GIS specialist for Oconee County and Ben Turetzky, President of Friends of Lake Keowee (FOLKS).

² As an unregulated subsidiary, Crescent Land and Timber was closely held and did not have to pay dividends back to ratepayers (Mildenberg, 2004). Crescent had a total of five real estate divisions, but they will be collectively referred to as Crescent in this study.

³ Duke Power had accumulated the land stockpile from the usage of the right of eminent domain. Duke provided Crescent with \$50 million in cash and debt access. In an interview with A. Fields in April 2009, he said that Crescent returned a total of \$2 billion in land sales to Duke Power over the next 20 years.

⁴ Much of the following information is attributable to an interview with John Hamrick on May 6, 2010 (Hamrick, 2010).

for the Oconee Nuclear Station. As “full pond” for Lake Keowee is measured at an elevation of 800 feet, this meant that Lake Keowee stays within 5.4 feet of full pond during standard operations. In comparison, water levels in the neighboring lakes – Lake Jocassee and Lake Hartwell – may fall by over 20 feet below full pond during periods of drought. Lake Jocassee lies upstream and its water level is drawn down in order to maintain Lake Keowee’s water level, whereas Lake Hartwell is downstream and has suffered three major droughts since 2000.

The original 50-year license for the Keowee-Toxaway project granted to Duke Energy by the Federal Energy Regulatory Commission (FERC) expires in 2016 prompting Duke Energy to draft an Agreement in Principle (AIP) as part of its a new license application in September 2012.⁵ The first draft of the AIP proposes modifying the minimum operating level of 794.6 ft. AMSL for Lake Keowee as drought conditions increase in severity (Duke Energy, 2012; Jester, 2012). For example, Duke proposes to lower the water level of Lake Keowee in stages (stage 1 to 794 ft. AMSL; stage 2 to 793 ft. AMSL; and stage 3 to 792 ft. AMSL). According to the AIP, stage 4 would lower the water level elevation to 790 feet AMSL, or 10 feet below full pond in order to ensure continuous production of electricity in periods of severe drought (Allen, 2012). Duke Energy utilizes hydrology records of the past 70 years to predict that the water level would be reduced below 795 AMSL only 4% of the time (equivalent to roughly 15 days a year) assuming that history repeats itself. Thus, Duke Energy argues that waterfront property values would not be adversely affected by this reduction in minimum water level elevation (Allen, 2012; Chandler, 2012).

This is the first known academic study to examine whether a decrease in the water level can foster a pricing discount on impacted waterfront properties. To test this hypothesis for Lake Keowee, a Geographic Information System (GIS) is used to help model the pricing of 1,024 vacant waterfront lots sold between 2002 and 2012. To minimize externalities as far as possible, only vacant, waterfront property sales located in Oconee County are considered. This paper introduces a new variable – UNDOCKABLE – referring to lots that are inaccessible to navigation as water levels drop.

The paper is organized in to the following sections. We will initially review the extensive literature on the pricing of lakefront properties followed by an examination of the methodology used to test the above hypothesis. Next, we will present the data and interpret the results. Finally, we construct a simulation model informed by the divergent pricing history of two lakes – Lake Hartwell and Lake Keowee – to examine the potential pricing impact of a further drop in the water level as proposed in the draft AIP by Duke Energy. The negative wealth implications of a drop in property prices would affect both property owners and Oconee County property tax revenues.

Literature Review

The path and depth of future climate change is uncertain, but recent literature suggests that the climate is changing with unprecedented speed compared to historic patterns. One consequence is a recent series of severe droughts that has created record low lake levels ranging from the

⁵ Please see Duke Energy (2012) and Jester (2012) for summaries of the draft proposal.

southern lakes (Lakes Travis, Powell, Hartwell, Thurmond, etc.) to northern lakes such as Lake St. Clair and the Great Lakes in Minnesota. The shortage of water has led to water now being referred to as the “oil of the 21st century” (Sierra Club 2012).

Water is not only in demand as an explicit resource, but an extensive body of research indicates that an aesthetic view of water provides a price premium for properties. An early study of pond views found a premium of between 4 and 12% for single family homes in Massachusetts (Plattner and Campbell, 1978). Two studies by Benson et al (1998 and 2000) examined different types of views and found higher pricing premiums for lake and ocean views; the premium ranged from 10% (for a partial ocean view) to 147% for direct ocean frontage, while the second study comparing eight different view types found the highest premium, 126%, was paid for direct lake frontage views. Similarly, Bond et al (2002) found a significant price premium of 90% for waterfront properties with a view of Lake Erie. Finally, Bourassa et al (2004) found that a wide water view increased values by 59% although the increase in value fell sharply with distance from the coast.

A few studies have tried to isolate the value of the view even further by focusing their analysis on vacant lots to alleviate the noise associated with potential omitted variables like the construction quality of a house. Rinehart and Pompe (1999) found that lot values increase by almost 60% for a golf course view, 113% for a creek or marsh view and 147% for an ocean view on Seabrook Island, SC. Similarly, Wyman and Sperry (2010) found a hierarchy of view premiums for three different types of waterfront properties with the best waterfront properties commanding the highest premiums – 287% for point lots, 219% for the deep water and 124% for the cove lots compared to interior lots.

Another group of researchers have focused their efforts on studying the impact of water quality/clarity on property values and results indicate that, as with views, the water quality can also impact the price of waterfront property (Poor et al, 2001). One of the earliest studies, David (1968) examined the correlation between lakeshore property value and the water quality of various artificial lakes in Wisconsin and found a direct relation with prices increasing in line with higher water quality. As with the value of a view, researchers have primarily used hedonic models to measure the impact of water quality on property prices and all of the studies have shown that water quality does have a statistically significant impact on the value of residential properties. For example, studies on water quality have been conducted in Michigan (Adelaja et al, 2007; Kevern, 2008 and Brashares, 1985), in Maine (Michael et al, 2000; Bouchard et al, 1998; Boyle and Bouchard, 2003), along the Chesapeake Bay (Leggett and Bockstael, 2000), in Mississippi (Krysel et al, 2003; Boyer et al, 2003), and in New Hampshire (Gibbs et al 2002; Huang et al, 2002). These studies are related to the current study because the potential decrease in water level could result in a similar diminution of value as found when water quality is reduced since the lake no longer has the same appeal to property owners as well as the general public.

Research on Lake Delavan in Wisconsin provides a before and after case study that documents the positive impact that a lake rehabilitation (the opposite impact of a reduction in water level) can have property value. Kashian et al (2006) found that a \$7 million rehabilitation project resulted in an appreciation rate of 273% compared to only a 148% increase in lake property

located on nearby lakes that had not been rehabilitated. In addition, these authors estimate that a one foot increase in the water clarity adds \$5,207 to the value of a Delevan lakefront property.

Evidence that lake levels do impact property values can be found when the results of two studies by the same researchers are compared. Lansford and Jones (1995 a and b) completed two hedonic models, one for property located in close proximity to Lake Austin and the other for property in close proximity to Lake Travis, respectively. Lake Austin is considered to be a “constant level lake and the water level seldom varies more than a foot except for planned, temporary draw-downs” (Lansford and Jones, 1995 a, page 216). In contrast, Lake Travis is a flood control lake and water levels can vary substantially. In their study period the mean lake level was 667 feet above sea level and the standard deviation was seven feet. However, the range over the two year time period analyzed (1988-1990) was a change of 22 feet. In the first study of Lake Austin, the lake level deviation variable did not have an impact on property prices but in the second study of Lake Travis, buyers were willing to pay a statistically significant higher price for property when the lake levels were higher.

Finally, a small number of recent studies have attempted to focus on the same issues as this study – that is to measure the impact of changing water levels (in most cases caused by severe droughts) on economic value. In most of these studies, researchers have focused on the economic impact to the community in terms of tourism, recreational spending, real estate transactions and related brokerage commissions, and gross retail sales in the general economy.⁶ Recent studies of the economic impact of reduced water levels include studies of Lake Lanier (Bleakely Advisory Group, 2010), Lake Travis (RCLO Company, 2011), Lake Conroe (Rogers et al, 2012), Lake Hartwell (Allen et al, 2010) and Lake Keowee (Carey et al, 2011). For example, researchers analyzing the impact of drought conditions on Lake Lanier estimate an economic loss of \$87 million in 2007/8 due to low water levels. They contend that continued droughts could lead to a potential home value loss of \$1.8 billion for property owners adjacent to Lake Lanier and calculate that this could result in lower property tax revenues of \$6.1 million (Bleakely Advisory Group, 2011).

Two recent studies are of particular interest as they center on Lake Hartwell and Lake Keowee. Allen et al (2010) estimated a decrease of economic activity at 0.1% for the six counties bordering Lake Hartwell due to drought conditions. However, this study only examined annual economic impact and did not incorporate the wealth impact of a diminution in property values as water levels drop. Carey et al (2011) found that a one foot decline in water level is correlated with a 12% decline in monthly real estate transactions in Oconee County. Unfortunately, this study also ignored the property value wealth impact on Lake Keowee and the researchers did not examine the economic impact of more significant drop in the water level below 795 feet AMSL.

The only known research to examine the potential impact on property values if the lower water levels are sustained is a survey of Lake Conroe residents where respondents expect a 28% decline in property values in the event of a reduction in lake levels from 6.3 to 10.9 feet below full pond

⁶ Additional studies have tried to capture the impact of droughts on water for irrigation purposes and therefore the value of impacted agricultural land and activity. For example, see Terrel and Johnson (1999) and Wittwer and Griffith, 2011).

(Rogers et al, 2012). Further, Lake Conroe residents estimate that they are over three times more likely to put their house on the market if water levels drop.

Methodology and Data

This paper employs a semi-log spatial hedonic model to observe the revealed preferences for specific property attributes of vacant lakefront properties. The dependent variable, LnPRICE, is the natural log of the sales prices of an individual vacant lakefront property in Oconee County, South Carolina. The formal semi-log model is detailed as follows:

$$\text{Ln}P_i = f(V_i, S_i, A_i, Y_i, U_i, \varepsilon_i)$$

Where:

$\text{Ln}P_i$ = a scalar of natural log of lot prices observed at a particular location i

V_i = a vector of variables describing the view of a property at a particular location i

S_i = a vector of variables describing the spatial characteristics of a property at a particular location i

A_i = a vector of variables describing the accessibility of a property at a particular location i

Y_i = a vector of variables describing the year of sale of a property at a particular location i

U_i = a vector of variables describing the dockability of a property at a particular location i

ε_i = is a random error term that is normally distributed

This paper follows prior convention (Dickes et al, 2013; Wyman and Sperry, 2010) and utilizes GIS analysis to classify waterfront lots into three categories – COVE, OPEN WATER and POINT – based on the quality of water view. A COVE lot has a view corridor of less than 300 feet across the lake, whereas an OPEN WATER lot has a view corridor of 300 feet or more. A POINT lot is differentiated from an OPEN WATER lot by its location on the point creating an open water view with a wide angle of over 45 degrees. The mean sales price of a point lot on Lake Keowee is over \$500,000, a substantive price premium over OPEN WATER lots (\$301,839) and COVE lots (\$219,815) as detailed in the summary descriptive statistics found in Table 1.

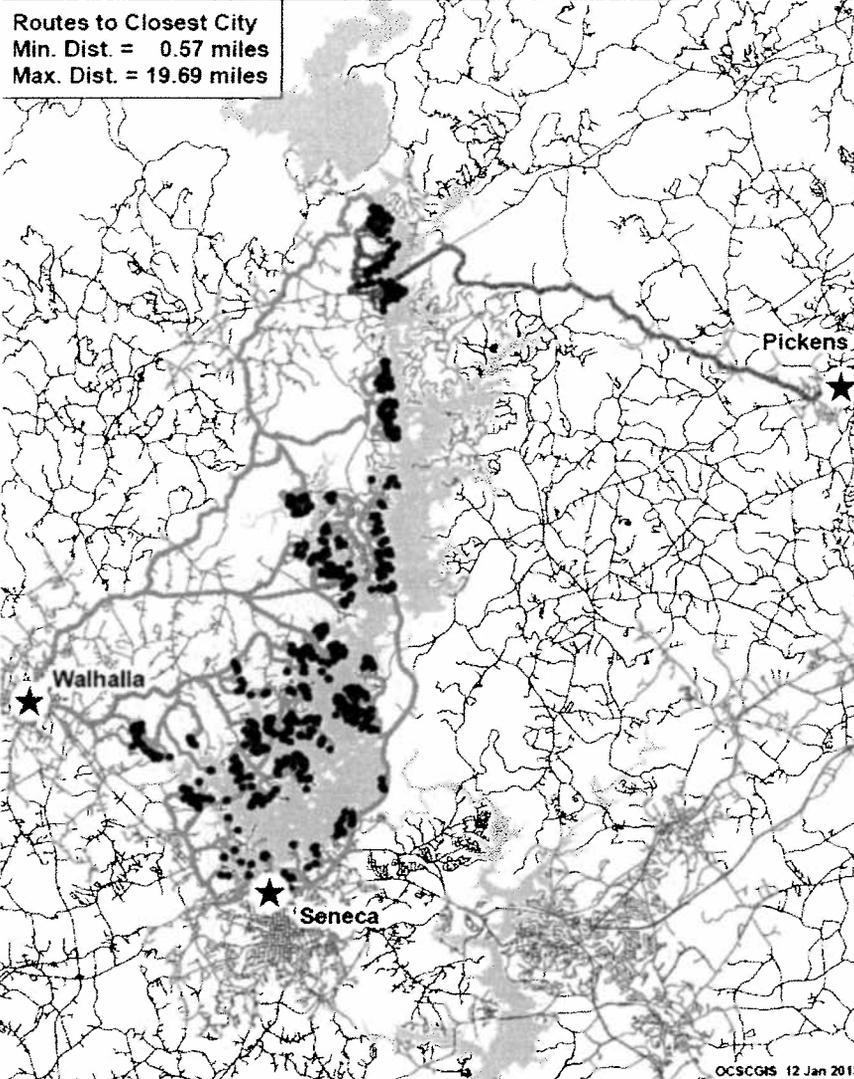
A number of other spatial variables are also measured. The length of SHORELINE for each lot is measured as a continuous variable using the ruler tool in GIS. We hypothesize that buyers will pay a premium price for increased shoreline for their properties. Due to the steep topography surrounding Lake Keowee, the mean SLOPE of each property is measured using the slope tool in GIS. It is hypothesized that a steeper slope property would have a negative pricing coefficient due to increased construction costs and reduced dock accessibility. As Lake Keowee was constructed to generate power, a dummy variable – POWER200 – has been created to measure the negative externality if any property is located within 200 feet of a high voltage overhead transmission lines. The network analyst tool in ArcGIS is employed to measure the over-road distance from each lot to the closest market cities - Pickens, Seneca or Walhalla. Given the rural location, proximity to one of the cities is expected to result in a positive pricing premium. Figure 1 details the location of each of the 1,024 lots in Oconee County and their distance to the closest market city.

Table 1: Descriptive Statistics for Lot Sales on Lake Keowee (2001 to 2012)

	Description	Mean	Std. Deviation	N
SOLDPRICE	MLS of most recent sale	275,612.34	173,790.766	1024
COVE	Dummy View Variable, View < 300 feet	\$219,815	\$139,479	453
OPENWATER	Dummy View Variable, View > 300 feet	\$301,839	\$165,796	523
POINT	Dummy View Variable, View >300 feet and wide angle lot	\$516,427	\$261,000	48
FRONTAGEFT	Calculated waterfront frontage in feet	182.1247	112.48479	1024
AVESLOPE	Average slope (%)	25.1705	7.71093	1024
POWER200	Dummy, if within 200 feet of transmission line	.03	.157	1024
ACRES_DEED	Acreage per recorded deed or plat	.9764	.59895	1024
CLIFFS	Dummy, if located in Cliffs Community	.06	.237	1024
CRESCENT	Dummy, if located in upscale Crescent Community	.45	.498	1024
KEOWEEKEY	Dummy, if located in Keowee Key Community	.05	.214	1024
DAYSONMARK	Days on Market Per MLS	271.75	363.969	1024
CLOSESTDIS	Over-road distance to the closest city	9.3133	3.27486	1024
UNDOCKABLE795	Undockable at 795 AMSL	.1426	.34981	1024
Y02	Time Trend Dummy	\$197,307	\$108,354	31
Y03	Time Trend Dummy	\$177,758	\$95,162	113
Y04	Time Trend Dummy	\$189,487	\$80,353	196
Y05	Time Trend Dummy	\$280,321	\$150,263	221
Y06	Time Trend Dummy	\$430,682	\$226,244	130
Y07	Time Trend Dummy	\$411,733	\$171,616	80
Y08	Time Trend Dummy	\$440,023	\$185,666	34
Y09	Time Trend Dummy	\$363,661	\$181,486	25
Y10	Time Trend Dummy	\$217,473	\$99,743	51
Y11	Time Trend Dummy	\$208,964	\$112,117	64
Y12	Time Trend Dummy	\$246,689	\$167,290	79

Source: GIS, SPSS

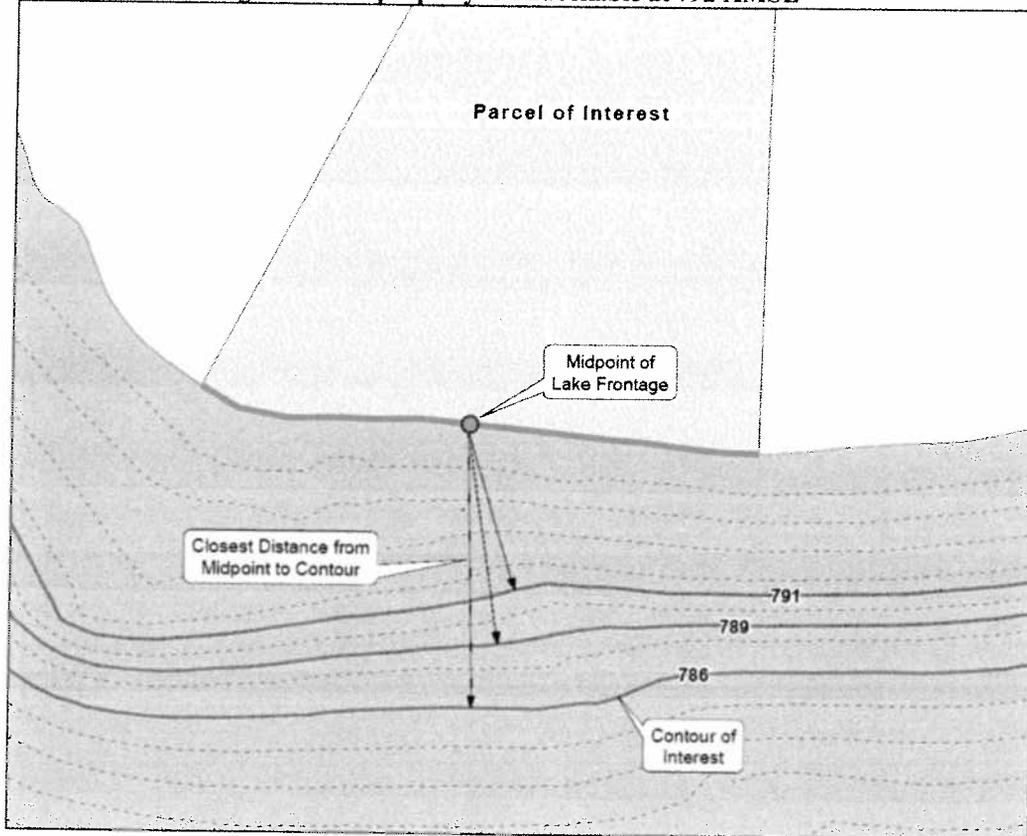
Figure 1: Over-road distance to the closest city for each lakefront lot sale



The sales price (SOLDPRICE), days on market (DAYSONMARK), year sold (YEAR) and name of community/sub-division for each lakefront property was acquired by examining MLS data for sales in Oconee County. A dummy variable was used to segment lakefront properties for three communities on Lake Keowee: The Cliffs at Keowee Falls, Crescent Communities and Keowee Key. The Cliffs at Keowee Falls is a member of the Cliffs Communities, an exclusive group of seven premium golf course communities in two states. Crescent Communities refers to the high end residential communities developed by the retail division of Crescent Resources, while Keowee Key is the oldest gated community on Lake Keowee. Started in 1973, it is hypothesized that this community would incur a negative pricing coefficient as Keowee Key has the facilities within this community are dated when compared to the communities that were more recently developed.

Finally, this is the first known academic study to employ bathymetric data to model how the dock is impacted by changing water levels.⁷ That is, we analyze whether or not a dock is actually undockable if water levels fall given the contours of the land below. It is hypothesized that properties with docks will be inaccessible at the 795 contour would sell at a discount to dockable properties. After consultation with local dock builders, a bathymetric contour of 792 feet AMSL was used as the cutoff point when a dock becomes undockable as most lake boats require a three foot clearance for ingress and egress from the dock. GIS was used to calculate the midpoint of each lakeshore property, and then the researchers measured the distance from this midpoint to the 792 feet AMSL contour. Given the longest permissible dock constructed on Lake Keowee is 88 feet, any property whose dock required greater than 88 feet to reach the 792 contour was deemed UNDOCKABLE. This methodology is illustrated in Figure 2.

Figure 2: Measuring whether a property is Undockable at 792 AMSL



This paper hypothesizes that undockable vacant waterfront lots will sell at a discount to dockable lots as the utility of the dock is severely impaired if it is not navigable. This negative impact is compounded by a reduction in the quality of the view aesthetics as the water recedes and the property owner's view devolves into an unpleasant terrain of red clay. Additionally, even a five foot drop in the water level below full pond diminishes the overall quality of recreational utility for lake consumers as tree stumps, rock piles and other hazards make navigation hazardous

⁷ A bathymetric map, obtained from Duke Energy, depicts the underwater topography of Lake Keowee at two feet intervals.

(Brutzman, 2012). A total of 14.2% of all lakefront properties were found to be UNDOCKABLE at the 795 contour.

Spatial Hedonic Model Results

Overall, the spatial hedonic model has an R^2 of 0.643. Ten independent variables were tested in the model, with nine of them proving to be of statistical significance at the 1% confidence level with the exception of acres (probably due to the fact that premium waterfront lots tend to be smaller in scale in order to maximize profits for the developer). The percentage price premium for the coefficient, B, for dependent variables was measured using the formula $100*(e^{b-1})$ per Halvorsen and Palmquist (1980). The model supports results found in other studies that identify a hierarchy of pricing premiums according to the quality of the water view. It finds a price premium of 35% for open water views and almost 60% for point lots compared to cove lots. The significance of the other spatial variables was as expected. Proximity to high voltage overhead transmission lines was associated with a price diminution of 27%, while proximity to local market cities created a small, positive price premium. A marginal increase in shoreline created a positive price premium and a marginal increase in the slope gradient of 1% produced a 1% decrease in lot prices.

The three communities that were represented by dummy variables found widely different pricing coefficients. The oldest golf community, Keowee Key, suffered a 72% pricing diminution, while Crescent Communities had a 21% pricing premium, and the renowned Cliffs Communities enjoyed a pricing premium of over 60% reflecting the high quality of its amenities including a Jack Nicklaus signature designed golf course.

The annual dummy variables representing year of sale were statistically significant from 2005 to 2010, but property sales outside of this time frame were not statistically significant perhaps reflecting the paucity of sales in these periods. Mirroring the recent national property boom and bust cycle, prices of lots more than doubled by 2006, but slumped subsequently.

Returning to the question of interest, the variable UNDOCKABLE is associated with a marginal pricing diminution of 44.6% with all other variables being held constant. This significant pricing discount for undockable waterfront properties at 795 feet AMSL suggests that a further reduction of the water level of Lake Keowee to the proposed 790 feet AMSL would have a serious negative impact on the value of waterfront properties. A methodology for attempting to address this issue will be offered in the next section. The regression results of this model are detailed in Table 2.

Table 2: Regression Results for Lake Keowee Lot Sales

Model	Unstandardized Coefficients		Percent Impact	Standardized Coefficients	T	Sig.
	B	Std. Error				
(CONSTANT)	11.735	.096			122.283	.000
VIEW VARIABLES						
OPENWATER	.298	.026	34.71	.235	11.574	.000
POINT	.469	.069	59.84	.156	6.774	.000
SPATIAL VARIABLES						
FRONTAGEFT	.001	.000	.10	.182	7.593	.000
AVESLOPE	-.011	.002	-1.11	-.131	-6.239	.000
POWER200	-.249	.078	-28.27	-.062	-3.212	.001
ACRES_DEED	.005	.023		.005	.220	.826
CLIFFS	.483	.068	62.09	.180	7.096	.000
CRESCENT	.210	.027	23.37	.165	7.759	.000
KEOWEEKEY	-.537	.064	71.09	-.181	-8.437	.000
DAYSONMARK	.000	.000	0	-.085	-4.282	.000
CLOSESTDIS	.019	.005	1.92	.098	4.064	.000
UNDOCKABLE795	-.369	.035	-44.63	-.203	-10.501	.000
TIME TREND						
Y03	-.094	.077		-.047	-1.223	.222
Y04	.084	.074		.052	1.144	.253
Y05	.435	.073	54.5	.282	5.930	.000
Y06	.863	.077	137.02	.453	11.227	.000
Y07	.834	.081	130.25	.353	10.322	.000
Y08	.769	.095	115.76	.217	8.125	.000
Y09	.639	.102	89.46	.155	6.243	.000
Y10	.198	.087	21.9	.068	2.273	.023
Y11	.043	.083		.016	.516	.606
Y12	.093	.081		.039	1.146	.252
ADJUSTED R² = .643					F= 84.72	.000

Property Simulation at 790 Feet AMSL

The water level at Lake Keowee is stabilized by Lake Jocassee, but the frequency, depth and the duration of droughts will influence overall water levels. Duke’s drought records indicate an increasing incidence of drought in the period after 1995, perhaps reflecting the phenomena of climate change. Lake Keowee has been affected by a Level 1 drought almost 50% of the time since January 1995 compared with roughly 30% of the time in the preceding twenty-five years. Similarly, the incidence of Level 2 droughts has practically doubled from 17.89% of the time up to 1995 compared to 33.3% during the more current time period. This increasing incidence of drought is detailed in Table 3.

Table 3: Dukes Drought Records of Lake Keowee (1971-2011)

	April 17, 1971 to Jan. 1995 (8,660 days)		Jan. 1995 to 2011 (6,209 days)	
	Days	Percent	Days	Percent
Level 1 or Greater	2655	30.65	3009	48.5
Level 2 or Greater	1550	17.89	2067	33.3
Level 3 or Greater	337	3.89	330	5.3

Source: Duke Energy

Downstream from Lake Keowee, the impact of the drought experience of Lake Hartwell is sobering. (Mitchell 2012) At full pond, Lake Hartwell is 660 feet AMSL. In the 37 years from 1962 to 1999, there were only five years where drought reduced the average water level of Lake Hartwell below 655 feet above sea level – 1970, 1981, 1986, 1988, and 1989. In contrast, three

droughts since 2000 means that in seven out of the past 12 years, the annual average water level has fallen below 655 feet. Moreover, in three of these years – 2002, 2008, and 2012 – severe drought reduced the average water level over ten feet below full pool. In comparison, this level of severity had never occurred in the preceding 37 years.

The recent evidence from Lake Hartwell detailed in Table 4 suggests that droughts can be frequent (three droughts since 2000), intense (the water level fell to its lowest lake level of 637.49 ft. AMSL on December 9, 2008, over 22 feet below full pond),⁸ and enduring (the drought that started in August 2007 lasted for 21 months). This increasing frequency, intensity and duration of droughts on Lake Hartwell is congruent with evidence of climate change seen on a global perspective where “nine of the ten hottest years on record have been in the past decade, there have been vast declines in Arctic and Antarctic sea ice, a corresponding rise in sea level, glacial retreats, more devastating wildfires, ...” (Plait, 2013).⁹ If the recent trend history of droughts is replicated or even amplified in the future, then one could anticipate water levels falling below 795 feet AMSL on Lake Keowee more than 4% of the time, which is the current projection by Duke energy in their Agreement in Principal (AIP) as part of their new license application for the nuclear power plant.

Table 4: Annual Water Elevation of Lake Hartwell in FT-AMSL since 2002

Note: Yellow shading represents five feet below full pool and orange shading represents ten feet below full pool

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
2002	647.86	648.7	649.97	652.17	652.92	652.06	649.84	647.36	646.75	648.07	648.59	651.32	649.63
2003	653.73	654.64	659.35	661.94	662.63	661.89	661.74	660.48	659.92	659.88	659.1	660.25	659.63
2004	659.65	659.8	659.33	658.68	658.38	658.13	658.92	657.8	660.38	661.13	660.64	660.89	659.48
2005	660.46	660.48	660.73	661.81	661.19	660.9	661.23	660.47	659.75	659.17	657.48	657.88	660.13
2006	658.75	659.34	659.25	658.92	658.53	657.61	656.81	654.82	654.13	653.2	652.6	652.15	656.34
2007	655.38	655.94	658.1	658.15	657.73	656.69	655.63	653.91	652.66	650.5	648.29	647.1	654.17
2008	647.49	648.23	650.22	651.79	651.86	650.66	648.48	646.39	645.38	642.7	639.01	638.99	646.77
2009	644.6	645.77	648.58	653.86	656.04	657.28	656.32	654.87	654.71	657.52	660.15	660.77	654.2
2010	658.71	661.09	660.15	660.65	661.19	660.58	659.18	657.16	655.98	655.37	654.38	654.72	658.26
2011	654.36	655.56	658.14	660.5	660.85	659.11	656.8	655.19	653.39	651.96	650.38	651.28	655.63
2012	652.1	652.28	652.67	652.64	652.22	651.03	650.05	649.24	648.22	647.51	645.62	645.2	649.9
Average	653.92	654.71	656.04	657.37	657.59	656.90	655.91	654.34	653.75	653.36	652.39	652.78	654.92

The central question revolves around the extent that a drought leads to a diminution in the valuation of waterfront properties. Here, the comparative experience of the Lake Keowee and Lake Hartwell real estate markets attests to the ability of droughts to negatively impact property prices. The price and sales quantities of Lake Hartwell’s waterfront properties peaked at around 50% of the price and sales of lakefront lots on Lake Keowee. For example, the mean sales price of a vacant waterfront lot on Lake Hartwell in 2003 was \$100,000 compared to approximately \$175,000 on Lake Keowee. To the extent that vacant waterfront properties in these sub-markets are substitutes, orthodox theory would suggest that use of comparative ratios should nullify the

⁸ US Army Corps of Engineers, <http://water.sas.usace.army.mil/hist.htm>

⁹http://www.slate.com/blogs/bad_astronomy/2013/03/18/global_warming_denial_debunking_misleading_climate_change_claims_by_david.html

impact of the real estate boom and bust as both markets should be similarly impacted. However, a second successive drought that started in 2006 and extended until November 2009 appears to have wreaked comparative devastation on the Lake Hartwell real estate market with both prices and sales quantity ratios falling to around 10% of Lake Keowee levels by 2010. This data supports the observation that there may be a perceptual difference between a one-off temporary reduction in water levels with pricing impact of a transitory nature versus a frequent pattern of low waters that would have a permanent effect on property valuation (Bleakely Advisory Group, 2011).

Overall, the price ratio of Lake Hartwell to Lake Keowee has changed from a 1:2 relationship to a 1:4 relationship in less than a decade with little signs of recovery in the Lake Hartwell market. This recent history of vacant waterfront properties on Lake Hartwell suggests that a series of severe droughts on Lake Keowee could be anticipated to impose a severe impact on property prices. The comparative real estate ratios for Lake Hartwell and Lake Keowee are detailed in Table 5.

Table 5: Comparative Real Estate Markets: Lake Hartwell and Lake Keowee

Year	Lake Hartwell			Lake Keowee		Hartwell to Keowee	
	Water Avg.	Number	Price	Number	Price	Number %	Price %
2002	649.63	7	\$93,643	31	\$197,308	0.23	0.47
2003	659.63	23	\$100,492	111	\$173,308	0.21	0.58
2004	659.48	45	\$85,391	195	\$186,459	0.23	0.46
2005	660.13	75	\$85,958	206	\$264,428	0.36	0.33
2006	656.34	60	\$143,164	115	\$390,511	0.52	0.37
2007	654.17	34	\$117,765	75	\$388,996	0.45	0.30
2008	646.77	10	\$150,750	30	\$422,859	0.33	0.36
2009	654.20	7	\$150,014	23	\$350,175	0.30	0.43
2010	658.26	4	\$21,450	49	\$211,064	0.08	0.10
2011	655.63	11	\$54,641	61	\$205,963	0.18	0.27
2012	649.90	12	\$48,708	67	\$219,724	0.18	0.22
Sum	654.92	288	\$103,052	963	\$273,709	0.28	0.35

Note: To account for any disproportionate price impact for the development of new high end residential community, sales of 59 properties for the Cliffs at Keowee Falls were eliminated from the Lake Keowee data.

This comparative data is supported by anecdotal discussions with local real estate brokers who forecast that a reduction in water level on Lake Keowee could have a severe impact on property prices. For example, Lake Keowee realtor Justin Winter (pers. comm., March 18th, 2013) states that “very easily properties could diminish by 50% if the dock is sitting on clay and could not be positioned so that the property owner could have easy ingress and egress.” Similarly, the aforementioned survey of Lake Conroe residents projects a 28% decline in property values if lake levels drop by 4.6 feet to 10.9 feet below full pond, a reduction that is analogous to the AIP proposed by Duke Energy.

The regression results for the variable UNDOCKABLE in Model 1 suggests that the pricing diminution of a waterfront property is likely to be severe in cases where docks would become undockable at 790 feet AMSL. Similarly, to estimate the number of properties that would become undockable at 790 feet AMSL, a bathymetric contour of 787 feet AMSL was modeled.¹⁰ Any property whose dock requires greater than 88 feet to reach the 787 contour is termed UNDOCKABLE. Furthermore, consultation with one of the leading dock builders on Lake Keowee revealed that the length of dock ramps is restricted by Duke Energy in most coves (Haney, pers. comm., 2013). As a result, two models were constructed with shorter dock lengths of 68 feet and 48 feet assumed for waterfront properties located in coves. These scenarios indicate that the number of UNDOCKABLE properties can range from 42% to almost 50% of all lakefront properties at 790 feet AMSL. The overall average of 46.1% corresponds with the 46% figure quoted by Duke Energy (<http://lakekeowewaterlevel.blogspot.com/>, 2013). The scenarios are detailed in Table 6.

Table 6: Projected number of UNDOCKABLE vacant lots on Lake Keowee at 790 ft AMSL

790	Properties	Dockable	Undockable	% Undockable
COVE AT 68	1024	591	433	42.2%
COVE AT 48	1024	513	511	49.9%
AVERAGE				46.1%

All other waterfront properties are assumed to have docks extending 88 feet. This figure likely underestimates the number of docks impacted as the average installed dock on Lake Keowee is only 68 feet (Haney, pers. comm., 2013).

Finally, two valuation models were created – one to simulate a world of less frequent droughts as projected by Duke Energy and one that assumes a pattern of recurrent droughts that mirrors the recent experiences of Lake Hartwell. To simplify matters, it was assumed in both scenarios that cove docks became undockable when they could not reach the 787 contour within 68 feet and that all other waterfront properties became undockable at 88 feet. Under the first “Duke” scenario, it was assumed that water levels would remain above 795 for 95% of the time, but that it could fall as low as 790 for infrequent spells, but whose duration was indeterminate. Given these assumptions, it was hypothesized that the increase in overall uncertainty about lake levels would lead to a 10% reduction in prices for all waterfront properties. In addition, it was hypothesized that lots that are UNDOCKABLE at 790 ft AMSL would have an additional diminution of value of 15%. These hypotheses were considered conservative and made after discussions with real estate constituents. Under this Duke scenario, the overall impact would be a mean loss of over 14% for each property. The overall net wealth loss would be approximately \$36 million dollars for the 1,024 waterfront property owners in the value of their land. The simulation is based on 2012 mean prices for vacant waterfront lots for coves (\$149,391), open water (\$286,827) and point (\$741,666) with a total market value of \$253 million for the sample properties. If the mean 2012 land value of \$253,000 for the 1,024 vacant lots mirrors the raw land value for all 8,700 estimated waterfront properties on Lake Keowee, then the total wealth loss for property owners would be estimated to be around \$305 million under the “Duke” scenario. The Duke scenario is detailed in Table A1 of the appendix.

¹⁰ Note a bathymetric level of 787 feet AMSL needs to be modeled in order to provide boats with a requisite three foot clearance to safely enter the dock. If a dock needed more than 88 feet to reach the 787 elevation, then this waterfront property was termed to be undockable.

An alternative scenario would be to project the impact of sustained and recurrent droughts as experienced by Lake Hartwell. In the case of Lake Hartwell, there have been three extreme droughts in the last 15 years. This has devastated raw land prices and they have dropped by an average of over 40% from 2002-3 to 2011-12, while mean Lake Keowee prices increased by over 10% during this time period. Therefore, our second simulation is termed the “Recurrent Drought” scenario. Here, it is assumed that we enter a world of frequent and sustained droughts creating a major increase in uncertainty among the buyers. Given these assumptions, it was hypothesized that the increase in overall uncertainty about lake levels would lead to a 25% reduction in prices for all waterfront properties. In addition, it was hypothesized that those properties that are UNDOCKABLE at 790 ft AMSL would have an additional diminution of value of 25%. Again, these hypotheses were considered conservative and made after discussions with real estate constituents in the market area. Under this simulation, the overall impact would be a loss of value that is around 32%, creating a net wealth loss of approximately \$80 million dollars for the lake front lots in our sample (1,024 properties). The wealth loss is estimated to be almost \$80,000 per property and around \$686 million overall under the Recurrent Drought scenario that is detailed in Table 8.

Conclusion

Both of these scenarios – Duke and Recurrent Drought – indicate the potential for a substantive negative wealth impact on waterfront property owners. A reduction in water level as proposed by Duke Energy to 790 feet AMSL produces an estimated net loss to Lake Keowee property owners ranging from \$305 million to \$686 million (out of a net total value of \$2.1 billion). Clearly, these potential impacts are mere projections of scenarios according to the best information currently available and must be treated with caution. The projections only include the value of waterfront property, whereas it would be expected that the negative wealth impact could extend to proximate non-waterfront properties, too. Changes in climate, regulations and the economy could significantly affect the assumptions and scenarios projected above. Despite the fact that property owners on Lake Hartwell can manually extend their docks and chase the water, they have still incurred significant property losses. Thus, it would appear that changes in regulations as proposed on Lake Keowee to allow property owners to chase the water would provide at best only a marginal improvement. It is also evident that any severe reduction in Lake Keowee prices will pose significant diminution on property tax assessments in the two counties adjacent to Lake Keowee, Oconee and Pickens. To fully understand the potential real wealth losses that a reduction in water levels may impose on property owners, it is recommended that Duke Energy conduct a full environmental impact study (EIS).

Alternative solutions should also be considered including maintaining the present 794.6 water level and imposing stricter water conservation regulations earlier in periods of drought. For example, early measures restricting flow downstream, to commercial users and to proximate residents might alleviate some of the worst consequences of a drought. Given the recent experience of climate change, the issue of conservation and pricing of scarce water resources is unlikely to disappear in the foreseeable future.

Appendix:

Table A1: DUKE Scenario with Mean Property Loss Estimated at 14.1%

	Price Loss	Properties	Average Property Value	Value at 795	Value at 790
COVE AT 68 (2012)	0	453	\$149,391	\$67,674,082	
Dockable properties (-10%)	10%	123	\$134,452		\$44,369,100
Temporary Undockable (-25%)	25%	330	\$112,043		\$13,781,311
Loss					\$9,523,671
OPEN AT 88	0	523	\$286,827	\$150,010,521	
All properties (-10%)	10%	356	\$258,144		\$91,899,371
Temporary Undockable (-25%)	25%	167	\$215,120		\$35,925,082
Loss					\$22,186,068
POINT AT 88	0	48	\$741,666	\$35,599,968	
All properties (-10%)	10%	43	\$667,499		\$28,702,474
Temporary Undockable (-25%)	25%	5	\$556,250		\$2,781,248
Loss					\$4,116,246
SUMMARY	14.14%	1024		\$253,284,571	-\$35,825,985

Table A2: RECURRENT DROUGHT Scenario with Mean Property Loss Estimated at 31.9%

	Price Loss	Properties	Avg. Property Value	Value at 795	Value at 790
COVE AT 68 (2012)	0	453	\$149,391	\$67,674,082	
Dockable properties	25%	123	\$112,043		\$36,974,250
Temporary Undockable	50%	330	\$74,695		\$9,187,541
Loss					\$21,512,291
OPEN AT 88	0	523	\$286,827	\$150,010,521	
All properties	25%	356	\$215,120		\$76,582,809
Temporary Undockable	50%	167	\$143,414		\$23,950,055
Loss					\$49,477,658
POINT AT 88	0	48	\$741,666	\$35,599,968	
All properties	25%	43	\$556,250		\$23,918,729
Temporary Undockable	50%	5	\$370,833		\$1,854,165
Loss					\$9,827,075
SUMMARY	31.91%	1024		\$253,284,571	\$80,817,023

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PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

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Mr. Thomas C. Alexander, Senator
150 Cleveland Dr.
Walhalla, SC 29691

Mr. Larry Martin, Senator
P.O. Box 247
Pickens, SC 29671

Mr. B R Skelton, Representative
2962 Walhalla Hwy
Six Mile, SC 29682

Mr. Davey Hiott, Representative
P.O. Box 997
Pickens, SC 29671

Mr. Phillip Owens, Representative
P.O. Box 723
Easley, SC 29641

Mr. Jeff Duncan, Congressman
116 Cannon HOB
Washington, DC 20515

Dear Interested Parties:

Subject: Keowee-Toxaway –Relicensing Application

The purpose of this communication is to express our opposition to the Keowee-Toxaway Relicensing provision that will allow Duke Energy to lower the level of Lake Keowee from the current minimum of

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

795 ft. AMSL (average mean sea level) to 790 ft. AMSL. Although there are a number of reasons for this opposition, the primary reason is as follows:

The provision allowing Duke Energy to lower Lake Keowee to 790ft. AMSL provides minimal benefit for Duke Energy and some downstream stakeholders, while the consequences for Lake Keowee home and property owners are monumental. The disproportionality between the relatively insignificant potential benefits to a diverse group of stakeholders compared to the lopsided, substantial and potentially devastating impact on Lake Keowee home and property owners makes this provision change fundamentally unfair and unduly burdensome.

Background.

For safety and other reasons related to Duke's Oconee Nuclear Power plant, the Nuclear Regulatory Commission and Duke Energy have previously established 794.6 ft. AMSL as the minimum safe operating level for Lake Keowee.¹ To maintain a small margin of safety, Duke has operated Lake Keowee between full pond (800 ft. AMSL) and 795 ft. AMSL since construction of the nuclear plant in 1973 (except for periods of maintenance).

According to Duke, "One of the components in the current [draft Keowee-Toxaway relicensing] application is a proposal to modify [the] Oconee Nuclear Station to allow it to continue safely operating with Lake Keowee as low as 790 ft. above mean sea level (AMSL) or 10 ft. below full pond. This modification would ensure Oconee Nuclear Station can continue to provide 2,538 MW of electricity to the region and allow Duke Energy to provide water releases to support downstream water needs during periods of severe drought. Based upon [Duke's] computer modeling, [Duke] expect[s] Lake Keowee would be at or above 795 AMSL (approximately today's current minimum lake users are accustomed to) 96% of the time, an improvement over existing operations. The remaining 4% of the time would occur during severe droughts during which adjoining property owners, water users, other lake users, and Duke Energy would all be adversely affected by the drought. Duke Energy recognizes some pier owners could be affected by reservoir levels during droughts..."²

Duke's relicensing plan explicitly ignores some of the most substantial costs of lowering the lake to 790 ft. AMSL, namely, the financial impact on Oconee and Pickens county property owners. We understand from participants³ in prior meetings with Duke, that Duke has stated as many as 46% of the property owners on Lake Keowee will be adversely affected. Their docks will be on dry ground.

What Duke also has not explicitly acknowledged in its filings is that Duke's drought protocol models are based on 50 year old data⁴, and that the data does not take into account changing weather and climate patterns resulting from global warming or other causes.

¹ The Oconee Nuclear Power plant, unlike many other nuclear facilities, relies on lake water to cool its three nuclear reactors.

² Email from the Duke's Keowee-Toxaway Relicensing Team, dated November 2, 2012.

³ Provided by FOLKS representatives who have participated in meetings on the subject with Duke.

⁴ Information provided by FOLKS.

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Finally, what Duke's filings have not acknowledged is that Duke's estimated 4% drain down periods, which would translate into approximately 15 days per year, does not mean nor would it require Duke to limit the time below 795 ft. AMSL to only 15 days per year. In fact, Duke, at Duke's discretion, so long as Duke's historic metric's indicated "drought conditions" could keep the lake down for months or even years.

Consequences versus Benefits.

Although Duke contends that the ability to lower Lake Keowee another 5 ft. would allow Duke to sell a small amount of additional power and water to downstream users, the actual benefits of lowering Lake Keowee are relatively small. One reason the benefits are essentially insignificant is that the lowering of the level of Lake Keowee is a one-time event during drought conditions. Once the lake is lowered there is no additional water above normal rainfall available to send downstream. To have additional water available to send downstream, Duke must refill the lake. To refill Lake Keowee back up to 795 ft. AMSL requires the same amount of water to be held back during the refilling period that was originally drained downstream to lower the lake to, i.e., the refilling the lake requires a pay back of the water drained. In other words, net-net, the amount of water drained and the amount of water held back to refill the lake is equal. During the refilling period Duke would have to suspend production of electricity by the same quantity that Duke generated during the draining period. Downstream beneficiaries would lose the same quantity of water trickling downstream during the refilling period when discharges necessarily would have to be suspended that they received during the draining of the lake. The net effect of draining the lake is zero assuming the lake is refilled.

Another reason the lowering of Lake Keowee an additional five (5) ft. will have minimal benefit downstream is the fact that Lake Keowee⁵ is the second smallest of the lakes that service the Savannah River basin. A five (5) ft. drop in the level of Lake Keowee raises the level of the downstream lakes (Hartwell, Russell and Thurmond) a mere 0.6 ft., virtually nothing.

On the other hand, the consequences to Lake Keowee home and property owners of lowering Lake Keowee to 790 ft. AMSL is substantial and for some home and property owners will be devastating. In other words, all the costs and burden of this proposed change will fall on Lake Keowee home and property owners who receive no benefit whatsoever from the change. Such a lopsided arrangement is fundamentally unfair.

Those who purchased property on and around Lake Keowee purchased said property with the reasonable belief that the lake would continue to operate within the relatively stable guidelines it had operated since the installation of the nuclear plant. The reality is that for many the stability of the lake was a significant consideration, and so long as the nuclear plant existed there was no reason to believe that the Lake Keowee levels would not remain stable in the foreseeable future. Specifically, at no point did Duke inform prospective purchasers that Duke intended to seek to lower Lake Keowee to 790ft. In fact, arguably, Duke continues today to perpetuate the belief that the lake will remain stable within the

⁵ Jocassee 7565 acres; Keowee 18,500 acres; Hartwell 56,000 acres; Russell 26,650 acres and Thurmond 70,000 acres.

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800 to 795 ft. range for the foreseeable future by continuing to issue dock (pier) permits for properties where, if the water level were to be lowered to 790 ft., any dock on that property would be on dry land and navigable access to the property will not be possible. For those who will be so affected the value of their homes and property could be significantly diminished. Property values losses could reach millions, if not billions, for Lake Keowee home and property owners. Pickens and Oconee counties will lose tax revenue as property values decline and owners seek re-assessment. The loss in property value will take place even if the lake is lowered only once because the affected properties will be required to disclose that during periods when Duke decides to lower the lake, their docks will be on dry land and the property will no longer have navigable water access.

Although those in shallow coves will be affected the most, adjacent property owners will also be impacted. Duke clearly recognizes that numerous property owners will be impacted by including in the draft application “a proposal to allow pier owners to ‘follow the water’ (i.e., temporarily move docks out into the lake to allow continued boating use) during these time periods.”⁶ But who is going to pay for building the dock extensions and pulling up the anchor stakes and relocating the docks? And then who is going to pay to move them back – Lake Keowee home and property owners. These docks are major structures and moving them is no easy task. The costs to move the docks will cost home and property owners thousands of dollars (for all affected property owners you are talking about hundreds of thousands to millions of dollars every drought), all borne solely by home and property owners that receive absolutely no benefit from the permit provision change. Additionally, the decline in value of the many affected properties will drag down community values as a whole. Properties not even on the lake will lose value. Home and property owners will lose millions, perhaps even billions, and Oconee and Pickens counties will lose millions as property values decline, all so Duke can make a relatively small one-time discharge of water downstream.

Other Grounds for Opposition.

1. Water Quality Will Decline Substantially.

A five (5) ft. reduction in level of Lake Keowee will expose acres and acres of mud flats while at the same time contracting the navigable acreage of the lake. The result will be a significant increase in wave action washing the mud into the lake thereby substantially increasing turbidity and adversely affecting water quality.

2. Fish and Wild Life Habitat Will be Destroyed.

The exposed mud flats and increase in lake turbidity, as noted above, will destroy fish spawning grounds and the breeding ground for migratory birds and other wildlife.

3. The Recreational Value of the Lake Will be Diminished.

The lowering of Lake Keowee another five (5) feet will reduce the lake foot print and expose mud flats. The aesthetic appearance of the lake will be hurt, and the lake will become increasingly muddy. As water quality declines so will the recreational value and use of the lake.

⁶ Email from Duke dated 11/2/2012.

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Local businesses that are based on lake recreational activities will be economically harmed and jobs will be lost. Duke’s relicensing application ignores this impact.

4. Nuclear Power Plant Safety.

When Duke opened the Oconee Nuclear power plant⁷ in 1973, Duke and the Nuclear Power Regulatory Commission (NRC) determined and established that a Lake Keowee minimum level of 795 ft. MSL was necessary to adequately safeguard the public and country from a nuclear accident similar to what happened in Fukushima , Japan. Any reduction of the level of Lake Keowee below what both Duke and NRC previously determined to be necessary and optimum to protect the public from a nuclear catastrophe is an unacceptable reduction in the safety cushion provided by the Lake Keowee. Considering the fact that the Oconee plant is now 39 years old, the potential for failure of a reactor due to fatigue is more prevalent. Accordingly, the cushion of safety, if anything, should be increased not decreased. This proposal to allow Duke to lower the level of Lake Keowee places the residents of South Carolina and Georgia at unnecessary risk.

5. Lake Keowee is not the solution to global warming, changing weather patterns and population growth.

Lake Keowee is a not even a drop in the bucket when it comes to addressing the macro problems related to global warming, rising ocean levels and the issues related to demographic trends and population growth. Rising ocean levels are going to cause increased salt water migration into the Savannah River delta and a few gallons from Lake Keowee are not going “turn the tide” on that phenomena. Likewise, Lake Keowee water levels cannot impact or affect global climate changes, whatever the cause. Nor can a trickle of additional water from Lake Keowee address or impact the world’s population growth issues.

6. Higher Utility Rates.

Duke will surely attempt to recover any cost associated with retrofitting the dam or power plant to accommodate lower lake levels through higher utility rates.

The bottom line is that the benefits of lowering Lake Keowee another five (5) ft. are relatively small while the harm to Lake Keowee home and property owners and the citizens of Oconee and Pickens counties is substantial. For the reasons set forth above, the provision authorizing and allowing Duke to lower Lake Keowee another five (5) ft. should be deleted from the Keowee-Toxaway –Relicensing Application.

<u>Name</u>	<u>Address</u>
1. <i>Newton Brightwell</i>	<i>530 Palmer Way, Sunset, SC</i>
2. <i>Marilyn Brightwell</i>	<i>530 Palmer Way, Sunset, SC</i>
3. Douglas A Barker	256 Featherstone Drive, Sunset, SC
4. Elizabeth A Barker	256 Featherstone Drive, Sunset, SC
5. Mike Panther	129 Sunrise Ridge, Sunset, SC
6. Kathy Panther	129 Sunrise Ridge, Sunset, SC
7. Gene Propper	209 East Ft. George Way, Sunset, SC
8. Tina Propper	209 East Ft. George Way, Sunset, SC
9. Dean Mathison	340 South Cove Rd., Sunset, SC

⁷ Unlike most nuclear plant, the Oconee nuclear facility relies on water from Lake Keowee to cool its three nuclear reactors.

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10. Nicole Mathison	340 South Cove Rd., Sunset, SC
11. Kenneth Lane	Lot #5, Waterside Crossing
12. Margaret Lane	Lot #5, Waterside Crossing
13. Jim Barber	Lot #31, Cliffs Falls South
14. Martha Stern	8716 Link Terrace, Houston, TX
15. Marshall Shelsy	8716 Link Terrace, Houston, TX
16. Doug Barker	256 Featherstone Dr., Sunset, SC
17. Betsy Barker	256 Featherstone Dr., Sunset, SC
18. Jim Bird	206 E. Ft. George Way, Sunset, SC
19. Barbara Bird	206 E. Ft. George Way, Sunset, SC
20. Luis Leon	104 Crooked Stick Ct., Sunset, SC
21. Connie Leon	104 Crooked Stick Ct., Sunset, SC
22. Rick Steel	204 Cool Water Way, Sunset, SC
23. Jane Steel	204 Cool Water Way, Sunset, SC
24. John R Bugh	109 Laurel Pond Way, Sunset, SC
25. Susan Bugh	109 Laurel Pond Way, Sunset, SC
26. Chuck Oliver	424 W Fort George Point, Sunset, SC
27. Leanna Oliver	424 W Fort George Point, Sunset, SC
28. Larry DeFever	320 South Cove Road, Sunset, SC
29. Caren Smith	320 South Cove Road, Sunset, SC
30. Greg Lewis	128 South Falls Road, Sunset, SC
31. Sandy Lewis	128 South Falls Road, Sunset, SC
32. Krystal Lewis	128 South Falls Road, Sunset, SC
33. Zac Lewis	128 South Falls Road, Sunset, SC
34. Gary Nieman	609 Keowee Avenue, Sunset, SC
35. LeighAnn Nieman	609 Keowee Avenue, Sunset, SC
36. Roger B Crawford	132 Stillwater Court, Sunset, SC
37. Lisa N Crawford	132 Stillwater Court, Sunset, SC
38. Gary T Burns	181 South Falls Road, Sunset, SC
39. Stephanie A Burns	181 South Falls Road, Sunset, SC
40. John Phillips	217 Saranac Drive, Sunset, SC
41. Patty Phillips	217 Saranac Drive, Sunset, SC
42. John Coury	114 Deep Water Court, Sunset, SC
43. Debra Coury	114 Deep Water Court, Sunset, SC
44. Tom Pletcher	Lot D16, Reserve at LK, Sunset, SC
45. Dana Pletcher	Lot D16, Reserve at LK, Sunset, SC
46. James A Easterling	1235 Reserve Blvd, Sunset, SC
47. Valerie B Easterling	1235 Reserve Blvd, Sunset, SC
48. Leonard Rubin	210 Long Ridge Road, Sunset, SC
49. Marlene Rubin	210 Long Ridge Road, Sunset, SC
50. Randall Bly	136 Stone Cove Road, Sunset, SC
51. Rebecca Bly	136 Stone Cove Road, Sunset, SC
52. Jay Hall	108 Long Ridge Road, Sunset, SC
53. Susan Hall	108 Long Ridge Road, Sunset, SC
54. William Baker	140 Long Ridge Road, Sunset, SC
55. Lynn Baker	140 Long Ridge Road, Sunset, SC
56. Charles K Baker	140 Long Ridge Road, Sunset, SC

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|--------------------------|-----------------------------------|
| 57. Scott MacKenzie | 316 Fernwood Drive, Salem, SC |
| 58. Jan MacKenzie | 316 Fernwood Drive, Salem, SC |
| 59. Dan McGonigle | 117 Misty Water Loop, Sunset, SC |
| 60. Dianna McGonigle | 117 Misty Water Loop, Sunset, SC |
| 61. Mark Yarborough | 7 Sailwater Court, Salem, SC |
| 62. Chuck Pigg | 311 Top Ridge, Sunset, SC |
| 63. Patti Pigg | 311 Top Ridge, Sunset, SC |
| 64. Steve Newby | Village Point Lot 6, Sunset, SC |
| 65. Kristina Newby | Village Point Lot 6, Sunset, SC |
| 66. Barry Hudson | 118 Steele Court, Sunset, SC |
| 67. Carol Hudson | 118 Steele Court, Sunset, SC |
| 68. Owen Hardy | 115 Crane Fly Court, Salem, SC |
| 69. Jaci Hardy | 115 Crane Fly Court, Salem, SC |
| 70. Manfred Sandler | 413 N Fort George Way, Sunset, SC |
| 71. Fiona Sandler | 413 N Fort George Way, Sunset, SC |
| 72. John D White | 309 Broadleaf Court, Salem, SC |
| 73. Jill C White | 309 Broadleaf Court, Salem, SC |
| 74. Daniel McGlaughlin | 138 North Lake Drive, Salem, SC |
| 75. Patricia McGlaughlin | 138 North Lake Drive, Salem, SC |
| 76. Laurie Metzger | 816 Rockcrest Way, Salem, SC |
| 77. David Metzger | 816 Rockcrest Way, Salem, SC |
| 78. Doug McKinney | 343 South Cove Road, Sunset, SC |
| 79. Sandy McKinney | 343 South Cove Road, Sunset, SC |
| 80. Jim McWhinne | 401 Crossbill Court, Salem, SC |
| 81. Louise McWhinne | 401 Crossbill Court, Salem, SC |
| 82. Thomas Harper | E-387 Dewberry Lane, Sunset, SC |
| 83. Carole Harper | E-387 Dewberry Lane, Sunset, SC |
| 84. Ben Elley | 120 Long Ridge Road, Sunst, SC |
| 85. Georgia Elley | 120 Long Ridge Road, Sunset, SC |
| 86. Robert D Fairey | 106 Longwood Lane, Sunset, SC |
| 87. Diane H Fairey | 106 Longwood Lane, Sunset, SC |
| 88. Alan Feinberg | 231 Jasmine Point, Salem, SC |
| 89. Barbara Feinbery | 231 Jasmine Point, Salem, SC |
| 90. Everett Kliphouse | 101 Baltustrol Court, Sunset, SC |
| 91. Patricia Kliphouse | 101 Baltustrol Court, Sunset, SC |
| 92. Robert Bacon | 311 South Cove Road, Sunset, SC |
| 93. Jennifer Bacon | 311 South Cove Road, Sunset, SC |
| 94. Ronald Kaufman | 638 Pine Harbor Way, Salem, SC |
| 95. Kathy Kaufman | 638 Pine Harbor Way, Salem, SC |
| 96. Gwen Clarke | 507 Pine Tree Drive, Atlanta, GA |
| 97. Gareth Clarke | 507 Pine Tree Drive, Atlanta, GA |
| 98. John Farrell | 29 High Ridge, Salem, SC |
| 99. Melinda Farrell | 29 High Ridge, Salem, SC |
| 100. James A Parke | 425 E Waterside Drive, Seneca, SC |
| 101. Marilyn J Sellers | 425 E Waterside Drive, Seneca, SC |
| 102. Steve Wood | 105 Burlwood Court, Sunset, SC |
| 103. Ilaria Derr | 105 Burlwood Court, Sunset, SC |

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104. Jim Redmond	603 Bay Vista Court, Salem, SC
105. Edith Redmond	603 Bay Vista Court, Salem, SC
106. Larry Plumber	104 Villa Court, Salem, SC
107. Mary Ann Plumber	104 Villa Court, Salem, SC
108. Patrick C Everett	805 Pintail Court, Salem, SC
109. Patricia H Everett	805 Pintail Court, Salem, SC
110. Gil Smith	409 Keowee Avenue, Sunset, SC
111. Carole Smith	409 Keowee Avenue, Sunset, SC
112. Alexander Strunc	168 Ridgetop Lane, Salem, SC
113. Sally Strunc	168 Ridgetop Lane, Salem, SC
114. Michael Capellas	205 Sunrise Point Way, Salem, SC
115. Marie Capellas	205 Sunrise Point Way, Salem, SC
116. Denise M kark	528 Shooting Tree Way, Salem, SC
117. Gerhard J Kark	528 Shooting Tree Way, Salem, SC
118. Jim Liddle	113 Nautica Point, Six Mile, SC
119. Aimee Liddle	113 Nautica Point, Six Mile, SC
120. James Herring	214 Creek Sone Court, Six Mile, SC
121. Margaret Herring	214 Creek Stone Court, Six Mile, SC
122. Joonok Yang	93 Hawthorn Way, Salem, SC
123. Michael Costanza	93 Hawthorn Way, Salem, SC
124. Kevin Greenawalt	422 Augusta Way, Sunset, SC
125. Holly Greenawalt	422 Augusta Way, Sunset, SC
126. Gordon B Baum	1211 Reserve Blvd, Sunset, SC
127. Georgann M Baum	1211 Reserve Blvd, Sunset, SC
128. Denny Britten	332 South Cove Road, Sunset, SC
129. Judy Britten	332 South Cove Road, Sunset, SC
130. Nancy McCabe	603 River Birch Way, Salem, SC
131. Kevin McCabe	603 River Birch Way, Salem, SC
132. Steve Norvell	105 South Coves Drive, Salem, SC
133. Emily Norvell	105 South Coves Drive, Salem, SC
134. Garry Brown	506 W Fort George Way, Sunset, SC
135. Melissa Brown	506 W Fort George Way, Sunset, SC
136. Robert Vogel	113 Running Bear Lane, Salem, SC
137. Lisa Vogel	113 Running Bear Lane, Salem, SC
138. Kim Murray	567 Shooting Tree Way, Salem, SC
139. Tom Throop	124 Guest House Court, Sunset, SC
140. Diane Throop	124 Guest House Court, Sunset, SC
141. Greg Hall	217 Governor Glen Drive, Sunset, SC
142. Christine Hall	217 Governor Glen Drive, Sunset, SC
143. Edmund Nagem Jr. MD	156 Ridge Top Lane, Salem, SC
144. Catherine Lamy Nagem	156 Ridge Top Lane, Salem, SC
145. David Parsons	127 Buttonbush Trail, Salem, SC
146. Joan Parsons	127 Buttonbush Trail, Salem, SC
147. Mike Kennedy	109 Deep Water Court, Sunset, SC
148. Nancy Kennedy	109 Deep Water Court, Sunset, SC
149. Mike Moorecroft	109 Parkview Lane, Sunset, SC
150. Deb Moorecroft	109 Parkview Lane, Sunset, SC

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|-------------------------|-------------------------------------|
| 151. Steve Woolridge | 106 Stillwater Court, Sunset, SC |
| 152. Angela Woolridge | 106 Stillwater Court, Sunset, SC |
| 153. Karl A Knauff | 106 Steele Court, Sunset, SC |
| 154. Terry S Knauff | 106 Steele Court, Sunset, SC |
| 155. Wes Bigler | 120 Golden Bear Drive, Sunset, SC |
| 156. Jan Driver | 120 Golden Bear Drive, Sunset, SC |
| 157. David P Rowland | 101 Crooked Stick Court, Sunset, SC |
| 158. Michele M Rowland | 101 Crooked Stick Court, Sunset, SC |
| 159. James Hannon | 205 E fort George Way, Sunset, SC |
| 160. Jan Hannon | 205 E fort George Way, Sunset, SC |
| 161. David W Miller | 105 Deep Cove Court, Sunset, SC |
| 162. Elizabeth M Miller | 105 Deep Cove Court, Sunset, SC |
| 163. Russ Gentry | 236 Saranac Drive, Sunset, SC |
| 164. Teri Gentry | 236 Saranac Drive, Sunset, SC |
| 165. John Howard | 301 Augusta Way, Sunset, SC |
| 166. Nancy Howard | 301 Augusta Way, Sunset, SC |
| 167. Jeff Headlee | 229 Saranac Drive, Sunset, SC |
| 168. Helen Headlee | 229 Saranac Drive, Sunset, SC |
| 169. Les Borden | 137 Sunrise Ridge, Sunset, SC |
| 170. Jean Borden | 137 Sunrise Ridge, Sunset, SC |
| 171. Tom Destafano | 305 Cool Water Way, Sunset, SC |
| 172. Randi Destafano | 305 Cool Water Way, Sunset, SC |
| 173. Paul Abenante | 121 Sunrise Ridge, Sunset, SC |
| 174. Evelyn Abenante | 121 Sunrise Ridge, Sunset, SC |
| 175. Dave Kowalski | 121 Great Camp Court, Sunset, SC |
| 176. Janet Kowalski | 121 Great Camp Court, Sunset, SC |
| 177. Dann Schwartz | 105 Prince Lane, Salem, SC |
| 178. Joe Parisi | 142 North Lake Drive, Salem, SC |
| 179. Mary Lou Parisi | 142 North Lake Drive, Salem, SC |
| 180. George Goll | 118 Brightwater Trail, Six Mile, SC |
| 181. Pamela Goll | 118 Brightwater Trail, Six Mile, SC |
| 182. David Nett | 2556 Wynnnton Dr, Duluth, GA |
| 183. Penny Nett | 2556 Wynnnton Dr, Duluth, GA |
| 184. Steve Tritch | 206 Saranac Drive, Sunset, SC |
| 185. Tami Tritch | 206 Saranac Drive, Sunset, SC |
| 186. Mark Watson | 314 Palmer Way, Sunset, SC |
| 187. Sheree Watson | 314 Palmer Way, Sunset, SC |
| 188. Dick Demars | 250 Long Ridge Road, Sunset, SC |
| 189. Sharon Demars | 250 Long Ridge Road, Sunset, SC |
| 190. Chris Hughes | 201 E Fort George Way, Sunset, SC |
| 191. Karen Hughes | 201 E Fort George Way, Sunset, SC |
| 192. Lyle Bertsch | 607 Magesty Court, Salem, SC |
| 193. Virginia Bertsch | 607 Magesty Court, Salem, SC |
| 194. David Cerullo | 138 Blue Water Trail, Salem, SC |
| 195. Barbara Cerullo | 138 Blue Water Trail, Salem, SCR |
| 196. Ronald Sandefur | 303 Clear Lake Court, Salem, SC |
| 197. Cheryl Sandefur | 303 Clear Lake Court, Salem, SC |

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198. Bob DiBella	503 Shallow Water Court, Salem, SC
199. Carol Savage	503 Shallow Water Court, Salem, SC
200. Linda Davis	122 Steele Court, Sunset, SC
201. Ron Davis	122 Steele Court, Sunset, SC
202. Gary Haake	528 South Point Blvd, Sunset, SC
203. Jan hake	528 South Point Blvd, Sunset, SC
204. Kirk Boone	110 Spruce Trail, Sunset, SC
205. Kristin Boone	110 Spruce Trail, Sunset, SC
206. Bill Chew	121 Burlwood Court, Sunset, SC
207. Joyce Chew	121 Burlwood Court, Sunset, SC
208. Richard H Rockwell	504 Driftwood Court, Salem, SC
209. Christine Rockwell	504 Driftwood Court, Salem, SC
210. Nick Carter	213 Sunrise Pointe Way, Salem, SC
211. Mary Carolyn Carter	213 Sunrise Pointe Way, Salem, SC
212. Robert Clement	122 Saranac Drive, Sunset, SC
213. Eydie Clement	122 Saranac Drive, sunset, SC
214. David Baughman	107 Steele Court, Sunset, SC
215. Debbie Baughman	107 Steele Court, Sunset, SC
216. John Calabria	124 Baltustrol Court, Sunset, SC
217. Cathy Calabria	124 Baltustrol Court, Sunset, SC
218. Paul McKeon	176 Falls South Road, Sunset, SC
219. Alleta McKeon	176 Falls south Road, Sunset, SC
220. Tom Haulik	111 Oakmont Court, Sunset, SC
221. Cindy Haulik	111 Oakmont Court, Sunset, SC
222. Jim Currow	118 Palmer Way, Sunset, SC
223. Marian Currow	118 Palmer Way, Sunset, SC
224. David Johnson	215 Long Ridge Road, Sunset, SC
225. Richard F Bishop	250 Top Ridge Drive, Sunset, SC
226. A Christine Bishop	250 Top Ridge Drive, Sunset, SC
227. Daniel Robert Warren	102 Wildrock Court #405 Sunset, SC
228. Karen Knast Warren	102 Wildrock Court#405 Sunset, SC
229. Don Kelley	136 Stillwater Court, Sunset, SC
230. Jane Kelley	136 Stillwater Court, Sunset, SC
231. Trey Lee	401 Keowee Avenue, Sunset, SC
232. Cynda Lee	401 Keowee Avenue, Sunset, SC
233. Paul Bonney	310 Shore Vista Trail, Six Mile, SC
234. Patricia Bonney	310 Shore Vista Trail, Six Mile, SC
235. Nicholas S Milcinovic	134 Gnarled Pine Court, Sunset, SC
236. Mary Milcinovic	134 Gnarled pine Court, Sunset, SC
237. Robert S Balcerak	141 Abaco Lane, Seneca, SC
238. Karen Balcerak	141 Abaco Lane, Seneca, SC
239. Chris Curtis	146 Blue Water Trail, Salem, SC
240. Karin Curtis	146 Blue Water Trail, Salem, SC
241. Paul F Delaney	109 Burlwood Court, Sunrise, SC
242. Michele M Delaney	109 Burlwood Court, Sunrise, SC
243. Dean Ricker	133 Sunrise Ridge, Sunset, SC
244. Barbara Ricker	133 Sunrise Ridge, Sunset, SC

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245. Bruce I Andrews	128 Gnarled Pine Court, Sunset, SC
246. Elizabeth M Andrews	128 Gnarled Pine Court, Sunset, SC
247. Linda L Burrell	296D Jocassee Point Road, Salem, SC
248. Rick Vaughan	108 Cool Water Court, Sunset, SC
249. Kay Vaughan	108 Cool Water Court, Sunset, SC
250. Edward Claggett	140 Sunblest Trail, Six Mile, SC
251. Elizabeth Claggett	140 Sunblest Trail, Six Mile, SC
252. Tom Shull	204 Oakmont Court, Sunset, SC
253. Patti Shull	204 Oakmont Court, Sunset, SC
254. Patrick Widmer	811 Top Ridge Drive, Sunset, SC
255. Shirley Widmer	811 Top Ridge Drive, Sunset, SC
256. Neal Workman	113 Orchard Cottage Way, Sunset, SC
257. Fay Workman	113 Orchard Cottage Way, Sunset, SC
258. Randy Muchow	405 W Fort George Way, Sunset, SC
259. Gwenda Muchow	405 W Fort George Way, Sunset, SC
260. Robert Wall	115 Abaco Lane, Seneca, SC
261. Jackie Wall	115 Abaco Lane, Seneca, SC
262. Steven Grant	123 Abaco Lane, Seneca, SC
263. Sharron Grant	123 Abaco Lane, Seneca, SC
264. Bruce Salley	238 Pointe Road, Seneca, SC
265. Harriet Salley	238 Pointe Road, Seneca, SC
266. Samuel Glenn	302 Top Ridge Road, Sunset, SC
267. Gail Glenn	302 Top Ridge Road, Sunset, SC
268. Alan Smith	502 W Fort George Way, Sunset, SC
269. Rhonda Smith	502 W Fort George Way, Sunset, SC
270. Thomas Henderson	561 Big Creek Way, Salem, SC
271. Kathleen Henderson	561 Big Creek Way, Salem, SC
272. Erwin Burbach	425 W Fort George Way, Sunset, SC
273. Cynthia Burbach	425 W Fort George Way, Sunset, SC
274. Chet Sproles	117 E Fort George Way, Sunset, SC
275. Christine Sproles	117 E Fort George Way, Sunset, SC
276. Kim Martin	204 Long Ridge Road, Sunset, SC
277. Kimberly Martin	204 Long Ridge Road, Sunset, SC
278. Bill Garwood	436 Augusta Way, Sunset, SC
279. Gwen Garwood	436 Augusta Way, Sunset, SC
280. John OConnell	805 Top Ridge Road, Sunset, SC
281. Mary OConnell	805 Top Ridge Road, Sunset, SC
282. Scott Rusch	434 Pileated Woodpecker Dr, Sunset, SC
283. Jeanene Rusch	434 Pileated Woodpecker Dr, Sunset, SC
284. Katrina Nelson	16 Governor Glen Court, Sunset, SC
285. Gary Nelson	16 Governor Glen Couort, Sunset, SC
286. Mike Perry	100 Misty Water Loop, Sunset, SC
287. Susan Perry	100 Misty Water Loop, Sunset, SC
288. Robert Basmadjin	4 Nevius Road, Whitehouse Station, NJ
289. Kathleen Basmadjin	4 Nevius Road, Whitehouse Station, NJ
290. Dan Warren	102 Wild Rock Court, Sunset, SC
291. Karen Warren	102 Wild Rock Court, Sunset, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

292. Ed Zampella	107 Augusta Way, Sunset, SC
293. Deb Zampella	107 Augusta Way, Sunset, SC
294. John Maclsaac	402 Ridge Pointe Court, Sunset, SC
295. Sally Maclsaac	402 Ridge Pointe Court, Sunset, SC
296. Judy Petersen	308 Knollwood Drive, Salem, SC
297. Robert Petersen	308 Knollwood Drive, Salem, SC
298. Kyle Petersen	308 Knollwood Drive, Salem, SC
299. Kristin Petersen	308 Knollwood Drive, Salem, SC
300. Patricia Abram	Cliffs Keowee Falls, Salem, SC
301. Jim Hughes	688 Lake Breeze Lane, Salem, SC
302. Pat Hughes	688 Lake breeze Lane, Salem, SC
303. Martha Strachan	1100 N. Dupont RD, Wilmington, DE
304. R Stephen Strachan	1100 N. Dupont RD, Wilmington, DE
305. Dave Manceor	244 Saranac Drive, Sunset, SC
306. Marianne Manceor	244 Saranac Drive, Sunset, SC
307. Larry Scheidler	405 Evergreen Trail, Salem, SC
308. Anne Scheidler	405 Evergreen Trail, Salem, SC
309. Marty Agard	136 Crooked Beach Drive, Sunset, SC
310. Ashley Agard	136 Crooked Beach Drive, Sunset, SC
311. Joseph Mracna	113 Abaco Lane, Seneca, SC
312. Paricia Mracna	113 Abaco Lane, Seneca, SC
313. Jimmy Fuqua	109 Saranac Drive, Sunset, SC
314. Brenda Fuqua	109 Saranac Drive, Sunset, SC
315. Kevin Godfrey	1012 St. Andrews Court, Sunset, SC
316. Barbara Evans	1012 St. Andrews Court, Sunset, SC
317. Larry Peery	818 Alder Pointe Way, Salem, SC
318. Gary Gaddy	103 Orchard Cottage Way, Sunset, SC
319. Ginger Gaddy	103 Orchard Cottage Way, Sunset, SC
320. Marquess Randall	104 Kanewood Trail, Salem, SC
321. Deborah Thaman	104 Kanewood Trail, Salem, SC
322. Terry Ryan	7 Shiplight Court, Salem, SC
323. Chris Ryan	7 Shiplight Court, Salem, SC
324. Ruth Gorman	336 Piney Woods Trail, Salem, SC
325. Michael Gorman	336 Piney Woods Trail, Salem, SC
326. Robert Hiatt	920 Woodlake Way, Salem, SC
327. Linda Hiatt	920 Woodlake Way, Salem, SC
328. Hubie Smith	831 Top Ridge Drive, Sunset, SC
329. Pamela Smith	831 Top Ridge Drive, Sunset, SC
330. Mary-Elizabeth Jarvis	133 Abaco Lane, Seneca, SC
331. Owen E Jarvis	133 Abaco Lane, Seneca, SC
332. Bonnie Bachman	6 Davys Locker Lane, Salem, SC
333. Jon Bachman	6 Davys Locker Lane, Salem, SC
334. Todd Curtis	123 Brightwater Trail, Six Mile, SC
335. Christine Curtis	123 Brightwater Trail, Six Mile, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

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| 336. Richard A Harper | 108 Mariner Pointe Drive, Salem, SC |
| 337. Jennifer P Harper | 108 Mariner Pointe Drive, Salem, SC |
| 338. Gerald S Burgette | 415 Waterside Drive, Seneca, SC |
| 339. Karen L Burgette | 415 Waterside Drive, Seneca, SC |
| 340. Bernt Iversen II | 170 Ellenburg Creek Road, Sunset, SC |
| 341. Robert Nyland | 301 South Reach lane, Salem, SC |
| 342. Anthony L Alford | 534 N Flagship Drive, Salem, SC |
| 343. Sandra H Alford | 534 N Flagship Drive, Salem, SC |
| 344. Mark Harris | 36 Foremast Drive, Salem, SC |
| 345. Linda Harris | 36 Foremast Drive, Salem, SC |
| 346. Lin Williams | 224 Palmer Way, Sunset, SC |
| 347. Mattie Sue Williams | 224 Palmer Way, Sunset, SC |
| 348. Rudy Brown | 130 Saranac Drive, Sunset, SC |
| 349. Janice Brown | 130 Saranac Drive, Sunset, SC |
| 350. Tom Emge | 137 Abaco Lane, Seneca, SC |
| 351. Laurie Emge | 137 Abaco Lane, Seneca, SC |
| 352. Bobby Cummins | 117 Burlwood Court, Sunset, SC |
| 353. Carol Cummins | 117 Burlwood Court, Sunset, SC |
| 354. John Carney | 815 Top Ridge Drive, Sunset, SC |
| 355. Kathy Carney | 815 Top Ridge Drive, Sunset, SC |
| 356. Steve Schwartzhoff | 606 Acorn Way, Seneca, SC |
| 357. Nancy Schwartzhoff | 606 Acorn Way, Seneca, SC |
| 358. Rutledge Livingston | RLK Sales, Sunset, SC |
| 359. Jerry Whitaker | 204 Paw Paw Way, Sunset, SC |
| 360. Mary Whitaker | 204 Paw Paw Way, Sunset, SC |
| 361. Donna Hammill | 404 Windcrest Court, Salem, SC |
| 362. Greg Hammill | 404 Windcrest Court, Salem, SC |
| 363. George Henefeld | 18 Lighthouse Way Drive, Salem, SC |
| 364. Karen Henefeld | 18 Lighthouse Way Drive, Salem, SC |
| 365. Ken James | 236 Featherstone Drive, Sunset, SC |
| 366. Alice James | 236 Featherstone Drive, Sunset, SC |
| 367. Jerome Post | 135 River Ridge Road, Sunset, SC |
| 368. Nancy Post | 135 River Ridge Road, Sunset, SC |
| 369. Ralph Allen | 502 Clearview Drive, Seneca, SC |
| 370. Libby Allen | 502 Clearview Drive, Seneca, SC |
| 371. Jim Vitale | 133 Drewberry Lane, Sunset, SC |
| 372. Phyllis Egan | 133 Drewberry Lane, Sunset, SC |
| 373. Marc Yahn | 201 Augusta Way, Sunset, SC |
| 374. Nancy Yahn | 201 Augusta Way, Sunset, SC |
| 375. Ralph Schatz | 208 Oakmont Court, Sunset, SC |
| 376. Mary Schatz | 208 Oakmont Court, Sunset, SC |
| 377. Howard Urban | 230 Long Ridge Road, Sunset, SC |

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

378. Nancy Schlegel	117 Sunrise Ridge, Sunset, SC
379. Bill Schlegel	117 Sunrise Ridge, Sunset, SC
380. Frederick LaFontaine	419 E Waterside Drive, Seneca, SC
381. Patricia LaFontaine	419 E Waterside Drive, Seneca, SC
382. Stephen DeBacco	511 W Fort George Point, Sunset, SC
383. Julie R DeBacco	511 W Fort George Point, Sunset, SC
384. Gretchen Yahn	116 Great Camp Court, Sunset, SC
385. Fred Fraizer	133 Cross Lake Trail, Six Mile, SC
386. Dale Fraizer	133 Cross Lake Trail, Six Mile, SC
387. Mary Ann Anderson	20 Lash Up Lane, Salem, SC
388. Michael Anderson	20 Lash Up Lane, Salem, SC
389. Roger Keranen	624 N Flagship Drive, Salem, SC
390. Juanita Keranen	624 N Flagship Drive, Salem, SC
391. Bill Allen	1 Lighthouse Court, Salem, SC
392. Debbie Allen	1 Lighthouse Court, Salem, SC
393. Peter Baker	303 Crooked Rock Lane, Sunset, SC
394. Linda Baker	303 Crooked Rock Lane, Sunset, SC
395. Joe Fraiz	252 Featherstone Drive, Sunset, SC
396. Cathy Fraiz	252 Featherstone Drive, Sunset, SC
397. Traci Krein	542 Linn Garden L, West Union, SC
398. Carter Miller	802 Top Ridge Drive, Sunset, SC
399. Marty Miller	802 Top Ridge Drive, Sunset, SC
400. John Sharp	819 Rockcrest Way, Salem, SC
401. Lauren E Harper	108 Mariner Pointe, Salem, SC
402. Mike Price	313 Cool Water Way, Sunset, SC
403. Kelly Price	313 Cool Water Way, Sunset, SC
404. William Gabel	1423 Waxhaw Way, Hartsville, SC
405. Elizabeth Gabel	1423 Waxhaw Way, Hartsville, SC
406. James Hogue	East Waterford Drive, Seneca, SC
407. Charles Buchas	235 Jasmine Point, Salem, SC
408. Lindley Buchas	235 Jasmine Point, Salem, SC
409. Drew Walters	833 Old Greenville Hwy, Clemson, SC
410. Andreas Sellner	209 E Fort George Way, Sunset, SC
411. Roger Greiner	216 Deep Cove Point, Sunset, SC
412. Janet Greiner	216 Deep Cove Point, Sunset, SC
413. Marc Groce	131 North Lake Drive, Sunset, SC
414. Louis F Storz	144 Sunblest Trail, Six Mile, SC
415. Carol Storz	144 Sunblest Trail, Six Mile, SC
416. Danny Cabe	609 Keowee Bay Circle, Salem, SC
417. Donna Collins	219 Summersweet Lane, Seneca, AC
418. Lonnie Bacon	220 Winding Oats, Seneca, SC
419. George Tsooth	12 Yeoman Lane, Salem, SC
420. Joan Tsooth	12 Yeoman Lane, Salem, SC
421. Julie Voss	506 Hillandale Road, Seneca, SC
422. John Voss	506 Hillandale Road, Seneca, SC
423. Mike Corney	296 Jefferson Road, West Union, SC
424. Charlotte Beyer	118 Wynwood point, Salem, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

425. George Eichler	19 First Mate Way, Salem, SC
426. Kathy Eichler	19 First Mate Way, Salem, SC
427. Steve Willis	605 Lighthouse Court, Seneca, SC
428. Marcia Willis	605 Lighthouse Court, Seneca, SC
429. Michael Brooks	212 N Beacon Shores Drive, Seneca, SC
430. Nancy Brooks	212 N Beacon Shores Drive, Seneca, SC
431. Martha L Long	521 Beacon shores Drive, Seneca, SC
432. John C Long	521 Beacon shores Drive, Seneca, SC
433. David plumpe	12 Ebb Tide Court, Salem, SC
434. Ellen Plumpe	12 Ebb Tide Court, Salem, SC
435. Brian Sykes	795 Navigator Pointe, Seneca, SC
436. Cindy Sykes	795 Navigator Pointe, Seneca, SC
437. Judy S Beck	303 Lake Winds Court, Seneca, SC
438. Marc S Beck	303 Lake Winds Court, Seneca, SC
439. Robert E Beck	303 Lake Winds Court, Seneca, SC
440. Dennis C Moriarity	519 Beacon Shores Drive, Seneca, SC
441. Janet L Moriarity	519 Beacon Shores Drive, Seneca, SC
442. Shirley Farrell	317 Lake Winds Court, Seneca, SC
443. Ted Farrell	317 Lake Winds Court, Seneca, SC
444. George E Bishop	516 Beacon shores Drive, Seneca, SC
445. Lisa Bishop	516 Beacon shores Drive, Seneca, SC
446. Peter Miller	509 Beacon Shores Drive, Seneca, SC
447. Linda Miller	509 Beacon Shores Drive, Seneca, SC
448. Cec Lewis	501 Beacon shores Drive, Seneca, SC
449. Jerry Lewis	501 Beacon shores Drive, Seneca, SC
450. Robert A Smith	718 Navigators Pointe Seneca, SC
451. Kathleen Smith	718 Navigators Pointe Seneca, SC
452. Patricia P Ferrer	754 Navigators Pointe, Seneca, SC
453. Bradford W Ferrer	754 Navigators Pointe, Seneca, SC
454. Robert Royer	807 Clifton Court, Seneca, SC
455. JoAnne Royer	807 Clifton Court, Seneca, SC
456. Mark Solon	121 Navigators Pointe, Seneca, SC
457. Jean Mavroudis	100 Beacon shores, Seneca, SC
458. Candice A Hooker	760 Navigators Pointe, Seneca, SC
459. David P Hooker	760 Navigators Pointe, Seneca, SC
460. James Krautlarger	704 Navigators Pointe, Seneca, SC
461. Roberta Krautlarger	704 Navigators Pointe, Seneca, SC
462. Steve Sinnott	414 E Waterside Drive, Seneca, SC
463. Pam Sinnott	414 E Waterside Drive, Seneca, SC
464. Charles D Howell	534 Beacon Shores Drive, Seneca, SC
465. Mary Ann Howell	534 Beacon Shores Drive, Seneca, SC
466. Bill Nesbitt	208 Deep Cove Point, Sunset, SC
467. Ellen Nesbitt	208 Deep Cove Point, Sunset, SC
468. Robert Rickerby	903 Southwinds Court, Seneca, SC
469. Bonnier Rickerby	903 Southwinds Court, Seneca, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

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| 470. Paul Fulton | 229 Crooked Rock Lane, Sunset, SC |
| 471. Audrey Fulton | 229 Crooked Rock Lane, Sunset, SC |
| 472. Frank Johnson | 513 Beacon Shores Drive, Seneca, SC |
| 473. Faye Johnson | 513 Beacon Shores Drive, Seneca, SC |
| 474. Mark Solon | 605 Lochwood Court, Seneca, SC |
| 475. Clare Solon | 605 Lochwood Court, Seneca, SC |
| 476. Brett Beazley | 28 Lighthouse Way Dr, Seneca, SC |
| 477. Judith Beazley | 28 Lighthouse Way Dr, Seneca, SC |
| 478. Carlton R Howk | Lot 40 Beacon Shores, Seneca, SC |
| 479. Patricia A Howk | Lot 40 Beacon Shores, Seneca, SC |
| 480. Mary Upton | have e-mail, address TBD |
| 481. Richard Upton | have e-mail, address TBD |
| 482. Tim Angela | 522 Beacon shores Drive, Seneca, SC |
| 483. Julie Angela | 522 Beacon shores Drive, Seneca, SC |
| 484. Gerald Price | 744 Navigators Pointe, Seneca, SC |
| 485. Peter C LeRoy | 750 Navigators Pointe, Seneca, SC |
| 486. Julian M LeRoy | 750 Navigators Pointe, Seneca, SC |
| 487. Joe S Stoup | 264 Featherstone Drive, Sunset, SC |
| 488. Debbie Stroup | 264 Featherstone Drive, Sunset, SC |
| 489. Tom Lehman | 209 Beacon shores Drive, Seneca, SC |
| 490. Kip Miller | Lot 109 Beacons shores, Seneca, SC |
| 491. Kim Miller | Lot 109 Beacons shores, Seneca, SC |
| 492. Keith McDonald | 708 Navigators Pointe, Seneca, SC |
| 493. Denise McDonald | 708 Navigators Pointe, Seneca, SC |
| 494. Alton Brant | 404 Ridge pointe Court, Seneca, SC |
| 495. Ginny Brant | 404 Ridge pointe Court, Seneca, SC |
| 496. Pamela H Hohenstreet | 734 Navigators Pointe, Seneca, SC |
| 497. John W Dryden | 734 Navigators Pointe, Seneca, SC |
| 498. Brad Bylenga | 11 Lawson Way, Greenville, SC |
| 499. Robin Bylenga | 11 Lawson Way, Greenville, SC |
| 500. Andy Bylenga | 11 Lawson Way, Greenville, SC |
| 501. Dirk Pieper | 10Lawson Way, Greenville, SC |
| 502. Katherine Pieper | 10Lawson Way, Greenville, SC |
| 503. Jon Heald | 9 London Court, Greer, SC |
| 504. Tamara Heald | 9 London Court, Greer, SC |
| 505. Peter G Bylenga | 112 Belmont Ave, Greenville, SC |
| 506. Norma Bylenga | 112 Belmont Ave, Greenville, SC |
| 507. Brian McSharry | 902 Altamont Rd., Greenville, SC |
| 508. Kelly McSharry | 902 Altamont Rd., Greenville, SC |
| 509. Rhonda Billingsley | 44 Lagerholm Mountain Road, Pickens, SC |
| 510. Brittany Billingsley | 44 Lagerholm Mountain Road, Pickens, SC |

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

511. Pamela M Kennedy	738 Navigators Pointe, Seneca, SC
512. Robert L Kennedy	738 Navigators Pointe, Seneca, SC
513. Ron Rasmussen	200 Abbot Trail, Greenville, SC
514. Nan Rasmussen	200 Abbot Trail, Greenville, SC
515. John Townes	105 Abott Trail, Greenville, SC
516. Kathy Townes	105 Abott Trail, Greenville, SC
517. Bruce Feiner	315 Lake Winds Court, Seneca, SC
518. Melanie Feiner	315 Lake Winds Court, Seneca, SC
519. Louise E Johnson	10 Beacon Drive, Salem, SC
520. Wendell G Johnson	10 Beacon Drive, Salem, SC
521. Joe Mayeur	524 Beacon shores Drive, Seneca, SC
522. Donna Mayeur	524 Beacon shores Drive, Seneca, SC
523. David Frost	106 South Falls Road, Sunset, SC
524. Heidi Frost	106 South Falls Road, Sunset, SC
525. Jim G DeBisschop	31 Lighthouse Way, Salem, SC
526. Martha File	607 Lighthouse Court, Seneca, SC
527. Kenneth Marshall	607 Lighthouse Court, Seneca, SC
528. David Sheffield	726 Navigators Pointe, Seneca, SC
529. Meg Sheffield	726 Navigators Pointe, Seneca, SC
530. Louis Richard	902 Southwind Court, Seneca, SC
531. Sherry Watson	902 Southwind Court, Seneca, SC
532. Judy Kellner	532 Beacon Shores Drive, Seneca, SC
533. Roger Joe Dickens	5 Shiplight Court, Salem, SC
534. Esther D Dickens	5 Shiplight Court, Salem, SC
535. Jane Flattery	have e-mail, address TBD
536. Paul Flattery	have e-mail, address TBD
537. Ken Luce	416 Long Reach Drive, Salem, SC
538. Donna Luce	416 Long Reach Drive, Salem, SC
539. Harry Deitrich	901 Southwind Court, Seneca, SC
540. Barbara S Deitrich	901 Southwind Court, Seneca, SC
541. Bruce Bowen	42 Lighthouse Way Drive, Salem, SC
542. Seanine Bowen	42 Lighthouse Way Drive, Salem, SC
543. Ron Robinson	1008 Chester Lake Rd, Jacksonville, FL
544. Denise Robinson	1008 Chester Lake Rd, Jacksonville, FL
545. Jack Flanagan	219 Governor Glen Drive, Sunset, SC
546. Millie Flanagan	219 Governor Glen Drive, Sunset, SC
547. Michael Wall	9 High Water Court, Salem, SC
548. Mary K Wall	9 High Water Court, Salem, SC
549. John Sutter	607 S Acorn Way, Seneca, SC
550. Bruce M Johnson	49 Quartermaster Drive, Salem, SC
551. Mary Johnson	49 Quartermaster Drive, Salem, SC
552. Robert C Pesci	6 Reef Court, Salem, SC
553. Maureen Pesci	6 Reef Court, Salem, SC
554. Emil A Pfister	314 Lake Winds Court, Seneca, SC
555. JoAnne Pfister	314 Lake Winds Court, Seneca, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

556. Michael Hehir	233 Oak Stone Drive, West Union, SC
557. Susan Goodwin	233 Oak Stone Drive, West Union, SC
558. Kenneth Klein	217 Oak Stone Drive, West Union, SC
559. Janet Klein	217 Oak Stone Drive, West Union, SC
560. Stephen Sendy	243 Oak Stone Drive, West Union, SC
561. Ilene Sendy	243 Oak Stone Drive, West Union, SC
562. James A Hamilton	25 Blowing Fresh Drive, Salem, SC
563. Jacquelin E Hamilton	25 Blowing Fresh Drive, Salem, SC
564. Denis C Stone	70 Red Bud Lane, Greenville, SC
565. Karen I Stone	70 Red Bud Lane, Greenville, SC
566. Brian Connor	231 Oak Stone Drive, West Union, SC
567. Patricia Connor	231 Oak Stone Drive, West Union, SC
568. Glen Becker	Lot 12 Oak Stone Shores, West Union, SC
569. Vicki Becker	Lot 12 Oak Stone Shores, West Union, SC
570. Alan Long	354 Coveview Court, Salem, SC
571. Ellen Long	354 Coveview Court, Salem, SC
572. Janet S MacCulloch	5 Shore Court, Salem, SC
573. Dennis D MacCulloch	5 Shore Court, Salem, SC
574. Edward Krech	15 Bowsprit Lane, Salem, SC
575. Joan Drech	15 Bowsprit Lane, Salem, SC
576. Dennis Robertson	507 Beacons Shores Drive, Seneca, SC
577. Rosemary Robertson	507 Beacons Shores Drive, Seneca, SC
578. Peter Swarr	Lot 27 Oak Stone, West Union, SC
579. Mary C Moosbrugger	632 N Flagship Drive, Salem, SC
580. William Boyd	538 N Flagship Drive, Salem, SC
581. Melanie Fink	211 Dursely Drive, Anderson, SC
582. Robert A Smith	718 Navigators Pointe, Seneca, SC
583. Kathleen Smith	718 Navigators Pointe, Seneca, SC
584. Tom Jelinek	have e-mail, address TBD
585. Anita Stutzman	23360 White Harbour Road, Seneca, SC
586. Ralph Stutzman	23360 White Harbour Road, Seneca, SC
587. Mary Ann Hotchkiss	5 Dinghy Court, Salem, SC
588. Dwight Hotchkiss	5 Dinghy Court, Salem, SC
589. John Kivala	10 Ebb Tide Court, Salem, SC
590. Millie Kivala	10 Ebb Tide Court, Salem, SC
591. Greg Farish	5 Village Point, Sunset, SC
592. Ramona Farish	5 Village Point, Sunset, SC
593. William J Bruel	18032 Cedar Grove Road, Seneca, SC
594. Margaret E Bruel	18032 Cedar Grove Road, Seneca, SC
595. Bob Dillon	103 Laurel Lane, Sunset, SC
596. Nicki Dillon	103 Laurel Lane, Sunset, SC
597. Alan Thomson	614 Lighthouse Court, Seneca, SC
598. Brenda Thomson	614 Lighthouse Court, Seneca, SC
599. Gerry Gates	318 Pembroke Court, Six Mile, SC
600. Cindy Gates	318 Pembroke Court, Six Mile, SC
601. Dan Drees	237 Oak Stone Drive, West Union, SC
602. Rachel Drees	237 Oak Stone Drive, West Union, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

603. Leigh Verm	1621 Olmsted Drive, Asheville, NC
604. Alan Verm	1621 Olmsted Drive, Asheville, NC
605. James C Graham	710 Topaz Court, Seneca, SC
606. Melodie A Graham	710 Topaz Court, Seneca, SC
607. Mary Neubeck	32 Quartermaster Drive, Salem, SC
608. Cliff Boeckman	7 Beacon Drive, Salem, SC
609. Richard Webster	225 Nightcap Lane, Salem, SC
610. Raylene Webster	225 Nightcap Lane, Salem, SC
611. Samuel Cozzens	3 Sailmaker Court, Salem, SC
612. Margaret Cozzins	3 Sailmaker Court, Salem, SC
613. Amory Cone	106 Ladybank Court, Easley, SC
614. Stephen C Gage	500 Beacon Shores Drive, Seneca, SC
615. Carla Morris Gage	500 Beacon Shores Drive, Seneca, SC
616. Jim Brooks	5 Helmsman Court, Salem, SC
617. Anne Brooks	5 Helmsman Court, Salem, SC
618. Don Seitz	1667 W Little River Drive, Seneca, SC
619. Anita Seitz	1667 W Little River Drive, Seneca, SC
620. Herbert Webb	25 Lighthouse Way, Salem, SC
621. Barbara Webb	25 Lighthouse Way, Salem, SC
622. Keith Noblitt	122 S Oak Pointe Drive, Seneca, SC
623. Beverly Noblitt	122 S Oak Pointe Drive, Seneca, SC
624. Drake Hawkins	12 Skipper Lane, Salem, SC
625. JoAnn Hawkins	12 Skipper Lane, Salem, SC
626. Thomas Gardner	1622 W Little River Drive, Seneca, SC
627. Phyllis Gardner	1622 W Little River Drive, Seneca, SC
628. Rhett Inabinet	407 Deerfield Drive, Greer, SC
629. Bebe Inabinet	407 Deerfield Drive, Greer, SC
630. Judith J Simpson	48 Lighthouse Way, Salem, SC
631. Robert Otto	665 Crystal Cove Trail, Salem, SC
632. Charlotte Otto	665 Crystal Cove Trail, Salem, SC
633. Shirley Parke	165 Ridge Top Lane, Salem, SC
634. David Tomkins	212 Bentwood Way, Salem, SC
635. Mark Ross	134 Bright Water Trail, Six Mile, SC
636. Thomas L Kennedy	23318 White Harbour Road, Seneca, SC
637. Jeanne G Kennedy	23318 White Harbour Road, Seneca, SC
638. S Mark Davis	8102 Clearwater Crossing, Humble, TX
639. Bonita Davis	8102 Clearwater Crossing, Humble, TX
640. Frank Baynham	704 Picture Point Way, Salem, SC
641. Marian Baynham	704 Picture Point Way, Salem, SC
642. James A Zwahlen	114 Brightwater Trail, Six Mile, SC
643. Beverly D Zwahlen	114 Brightwater Trail, Six Mile, SC
644. Robert Bailey	3 Shiplight Court, Salem, SC
645. Charlotte J Bailey	3 Shiplight Court, Salem, SC
646. Charles R Stubler	103 Kanewood Trail, Salem, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

647. Rebecca J Stubler	103 Kanewood Trail, Salem, SC
648. Jamie L Stubler	103 Kanewood Trail, Salem, SC
649. Rick Dyer	404 Moonlit Trail, Salem, SC
650. Judy Dyer	404 Moonlit Trail, Salem, SC
651. Eric R Dyer	404 Moonlit Trail, Salem, SC
652. Robert W Barth	503 Driftwood Court, Salem, SC
653. Nancy H Green	503 Driftwood Court, Salem, SC
654. Chris Curtis	146 Blue Water Trail, Salem, SC
655. Karin Curtis	146 Blue Water Trail, Salem, SC
656. Lyn Puskas	7012 Riverview Blvd, Bradenton, FL
657. Richard Puskas	7012 Riverview Blvd, Bradenton, FL
658. Roger Woodruff	166 Ridge Top Lane, Salem, SC
659. Steven Mendenhall	812 Rockcrest Way, Salem, SC
660. Sue Mendenhall	812 Rockcrest Way, Salem, SC
661. Billy Smith	Keowee North Marine, Salem, SC
662. Cindy Campbell	924 Firerock Court, Salem, SC
663. James Campbell	924 Firerock Court, Salem, SC
664. Bill Purser	621 Riverbirch Way, Salem
665. Foster M Johns	621 Riverbirch Way, Salem
666. Edward Sproat	160 Top Ridge Lane, Salem, SC
667. Sandra Sproat	160 Top Ridge Lane, Salem, SC
668. Michael Mancellot	136 Blue Water Trail, Salem, SC
669. Joan Lancellot	136 Blue Water Trail, Salem, SC
670. Bradley Wind	101 Mountain Shore Trail, Six Mile, SC
671. Rosemarie Wind	101 Mountain Shore Trail, Six Mile, SC
672. John Stonebraker	410 Ivorybill Way, Salem, SC
673. Janelle Stonebraker	410 Ivorybill Way, Salem, SC
674. James Wolf	435 Shimmering Water Lane, Salem, SC
675. Lisa Garrett	576 Shooting Tree Way, Salem, SC
676. Seth Garrett	576 Shooting Tree Way, Salem, SC
677. Edwin Holman	317 Eagles Bend Trail, Salem, SC
678. Brenda Holman	317 Eagles Bend Trail, Salem, SC
679. Stacy Dey	137 Creekshore Drive, Salem, SC
680. Jan Skolnik	3 Straits Court, Salem, SC
681. Jane Skolnik	3 Straits Court, Salem, SC
682. Ann Souders	4 Beacon Drive, Salem, SC
683. Bill Souders	4 Beacon Drive, Salem, SC
684. Jahon Mack	818 Rockcrest Way, Salem, SC
685. Mary K Bowser	818 Rockcrest Way, Salem, SC
686. Theron Wiggins	702 Misty Dawn Court, Salem, SC
687. Cheryl Wiggins	702 Misty Dawn Court, Salem, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

688. Leigh Kelln	324 Long Cove Trrail, Salem, SC
689. Michael Mazar	324 Long Cove Trrail, Salem, SC
690. Mike Elrod	286 Jocassee Camp Road, Salem, SC
691. Joyce Mocek	286 Jocassee Camp Road, Salem, SC
692. Wayne Anderson	354 Long Cove Trail, Salem, SC
693. Mary Anderson	354 Long Cove Trail, Salem, SC
694. Al Thomas	121130 Camp Jocassee Point, Salem, SC
695. Jeff Rhodenbaugh	5 Beacon Drive, Salem, SC
696. S. Rhodenbaugh	5 Beacon Drive, Salem, SC
697. Billy Sheffield	565 River Moorings Drive, Merritt Island, FL
698. Sally Sheffield	565 River Moorings Drive, Merritt Island, FL
699. Charles Myers	140 Stone Cove Road, Sunset, SC
700. Beth Myers	140 Stone Cove Road, Sunset, SC
701. Lydia B Osterman	523 Beacons Shores Drive, Seneca, SC
702. Don Mclver	311 Knollwood Drive, Salem, SC
703. Judy Mclver	311 Knollwood Drive, Salem, SC
704. Ken Condra	300 Two Brooks Trail, Fletcher, NC
705. Kellie Condra	300 Two Brooks Trail, Fletcher, NC
706. Richard Nilsson	130 Blue Water Trail, Salem, SC
707. Elizabeth Nilsson	130 Blue Water Trail, Salem, SC
708. Sean McEnroe	532 Twin Drive, Spartanburg, SC
709. Gretchen McEnroe	532 Twin Drive, Spartanburg, SC
710. David Nestler	610 Sweet Fern Trail, Salem, SC
711. Julie Nestler	610 Sweet Fern Trail, Salem, SC
712. Kathleen Beauchamp	307 Broadleaf Court, Salem, SC
713. Ron Newitt	308 Calm Water Court, Salem, SC
714. Jean Newitt	308 Calm Water Court, Salem, SC
715. John D Cole	12 Spy Glass Lane, Salem, SC
716. Mary E Cole	12 Spy Glass Lane, Salem, SC
717. Mike Vassallo	636 Pine Harbor Way, Salem, SC
718. Joyce Vassallo	636 Pine Harbor Way, Salem, SC
719. Dale Spiess	602 Magesty Court, Salem, SC
720. Carol Spiess	602 Magesty Court, Salem, SC
721. Steve Nesbitt	305A North Coves Drive, Salem, SC
722. Jim Jacques	756 Navigators Pointe, Seneca, SC
723. Pat Jacques	756 Navigators Pointe, Seneca, SC
724. Richard Jones	321 Golden Bear, Sunset, SC
725. Carol Jones	321 Golden Bear, Sunset, SC
726. MaryLou VanDervoot	6 Dinghy Court, Salem, SC
727. Steve Berg	238 Long Ridge, Sunset, SC
728. Jeffry A Hill	Village Pointe #9 RLK, Sunset, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

729. Patrick Jones	110 North Cove Drive, Sunset, SC
730. Diane Jones	110 North Cove Drive, Sunset, SC
731. Jay Nexen	820 Top Ridge Drive, Sunset, SC
732. Cindy Nexen	820 Top Ridge Drive, Sunset, SC
733. Chris Holloway	149 Parkview Lane, Sunset, SC
734. Shelley Holloway	149 Parkview Lane, Sunset, SC
735. Mark Williams	108 Ellenburg Circle, Sunset, SC
736. Julie Williams	108 Ellenburg Circle, Sunset, SC
737. Todd Nocerini	108 Cedar Cove, sunset, SC
738. Karen McNatt	3887 Fairfax Court, Atlanta, GA
739. Jim McNatt	3887 Fairfax Court, Atlanta, GA
740. Kimberly James	421 W Fort George Way, Sunset, SC
741. Ian James	421 W Fort George Way, Sunset, SC
742. David Boulter	Lot G8 Wedge Court, Sunset, SC
743. Jacqui Boulter	Lot G8 Wedge Court, Sunset, SC
744. Terri Anson	117 East Ft. George Way, Sunset, SC
745. Todd Anson	117 East Ft. George Way, Sunset, SC
746. Mark Shafer	110 Palmer Way, Sunset, SC
747. Karen Shafer	110 Palmer Way, Sunset, SC
748. Kyle Morris	200 Saranac, Sunset, SC
749. Ellen Morris	200 Saranac, Sunset, SC
750. Sharon Margiotta	605 Restful Lane, Seneca, SC
751. David Margiotta	605 Restful Lane, Seneca, SC
752. Kathy Theisen	305 E Fort George Way, Sunset, SC
753. Norbert Theisen	305 E Fort George Way, Sunset, SC
754. Bill Knight	113 North Lawn, Sunset, SC
755. Margaret Knight	113 North Lawn, Sunset, SC
756. Ken Talongo	262 Long Ridge Drive, Sunset, SC
757. Catherine Tralongo	262 Long Ridge Drive, Sunset, SC
758. Cengiz Kurku	522 Palmer Way, Sunset, SC
759. Karen Kurku	522 Palmer Way, Sunset, SC
760. Bradley Kendall	108 Wyndmere Court, Seneca, SC
761. Martha Kendall	108 Wyndmere Court, Seneca, SC
762. Ron Cruz	134 N Lake Drive, Sunset, SC
763. Caroline Cruz	134 N Lake Drive, Sunset, SC
764. Dave Caruso	712 Keowee Avenue, Sunset, SC
765. Mary Beth Caruso	712 Keowee Avenue, Sunset, SC
766. Charles Sullivan	103 Crane-fly Way, Sunset, SC
767. Betty Sullivan	103 Crane-fly Way, Sunset, SC
768. Jeff Li	201 Wynmere Way Seneca, SC
769. Lilyan Li	201 Wynmere Way Seneca, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

770. Peter Li	201 Wynmere Way Seneca, SC
771. Jessica Li	201 Wynmere Way Seneca, SC
772. Keith Thompson	103 Wynmere Way, Seneca, SC
773. Susan Thompson	103 Wynmere Way, Seneca, SC
774. Brian Thompson	103 Wynmere Way, Seneca, SC
775. Michael Grace	302 Cool Water Way, Sunset, SC
776. Leslie Grace	302 Cool Water Way, Sunset, SC
777. Charles Croom	512 Palmer Way, Sunset, SC
778. Gayle Croom	512 Palmer Way, Sunset, SC
779. Wendy Mathews	511 Palmer Way, Sunset, SC
780. Greg Mathews	511 Palmer Way, Sunset, SC
781. Billy Farina	310 E Fort George Point, Sunset, SC
782. Susan Farina	310 E Fort George Point, Sunset,
783. Martha Summers	225 Crooked Rock Lane, Seneca, SC
784. Scott Summers	225 Crooked Rock Lane, Seneca, SC
785. John Tollenaere	130 South Oak Pointe Drive, Seneca, SC
786. VJ Wigington	130 South Oak Pointe Drive, Seneca,
787. David Woodward	3852 Walhalla Hwy, Six Mile, SC
788. Harriett Woodward	3852 Walhalla Hwy, Six Mile, SC
789. Chris Vance	116 Clear Lake Court, Sunset, SC
790. Karen Vance	116 Clear Lake Court, Sunset, SC
791. Frank Simon	217 Featherstone Dr, Sunset, SC
792. Barbara Simon	217 Featherstone Dr, Sunset, SC
793. Warren Barhorst	121 Guest House Cottage, Sunset, SC
794. Lisa Barhorst	121 Guest House Cottage, Sunset, SC
795. David Wyman	108 Dogwood Terrace, Clemson, SC
796. Elaine Worzola	108 Dogwood Terrace, Clemson, SC
797. Kenneth Kunz	805 Sandy Plains Road, Marietta, GA
798. Ed Card	38 Beacon Ridge Circle, Salem, SC
799. Margaret Card	38 Beacon Ridge Circle, Salem, SC
800. Jim Hannon	205 E Fort George Way, Sunset, SC
801. Jan Hannon	205 E Fort George Way, Sunset, SC
802. Jim Canfield	345 Thorndale Court, Rosewell, GA
803. Jeann Canfield	210 Amenity Way, Seneca, SC
804. Cliff Roy	446 Augusta Way, Sunset, SC
805. Jane Roy	446 Augusta Way, Sunset, SC
806. Noel Clarkson	508 Birchbark Court, Seneca, SC
807. Marc Bowers	307 South Cove Road, Sunset, SC
808. Margot Bowers	307 South Cove Road, Sunset, SC
809. Sue Peters	120 South Lawn Drive, Sunset, SC
810. Ross Russo	120 South Lawn Drive, Sunset, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

811. Steven Verney	506 Palmer Way, Sunset, SC
812. Joanne Verney	506 Palmer Way, Sunset, SC
813. Mark Torres	203 Wynmere Way, Seneca, SC
814. Christina Torres	203 Wynmere Way, Seneca, SC
815. Kenneth Vick	105 Wynwood Court, Seneca, SC
816. Carole Vick	105 Wynwood Court, Seneca, SC
817. Karl Meurlot	2333 Florian Ave, Decatur, IL
818. Michael C Camp	1070 Sallies View, Greensboro, GA
819. Rob Chapman	543 Otis Blvd, Spartanburg, SC
820. Todd Kimmelman	428 Pileated Woodpecker Way, Sunset, SC
821. Leslie Kimmelman	428 Pileated Woodpecker Way, Sunset, SC
822. Terry Towle	328 Hatteras Ridge, Six Mile, SC
823. Harry Dietrich	901 Southwind Court, Seneca, SC
824. Barbara Dietrich	901 Southwind Court, Seneca, SC
825. Brad B Smith	8 Parsons Glen Court, Greenville, SC
826. Paul T Shaw	110 Sundrop Court, Sunset, SC
827. Precia Shaw	110 Sundrop Court, Sunset, SC
828. John Berkheiser	18 Tradewinds Way, Salem, SC
829. Barbara Berkheiser	18 Tradewinds Way, Salem, SC
830. Dennis James	116 Crest Point Drive, Seneca, SC
831. Robert R Kaiser	38 Iron Clad Drive, Salem, SC
832. Caryl M Kaiser	38 Iron Clad Drive, Salem, SC
833. James Whitely	309 E Fort George Way, Sunset, SC
834. Jessica Whitely	309 E Fort George Way, Sunset, SC
835. Al Reichow	C20 Prince Lane, Sunset, SC
836. Deb Reichow	C20 Prince Lane, Sunset, SC
837. John Hayde	219 Cedar Creek Court, Sunset, SC
838. Liz Hayde	219 Cedar Creek Court, Sunset, SC
839. Bill Bowen	137 Marshall Bridge Drive, Greenville, SC
840. David W Holmes	712 N Main Street, Greenville, SC
841. Scott Grant	11650 Pine Hammock Circle, Fort Myers, FL
842. Kim Grant	6109 Carrollton Ave, Indianapolis, IN
843. Ruth Walker	128 South Oak Pointe Drive, Seneca, SC
844. Rick Hamilton	105 Wyndmere Way, Seneca, SC
845. Lyn Hamilton	105 Wyndmere Way, Seneca, SC
846. Tracy Nolan	106 Wildrock Court RLK, Sunset, SC
847. Chris Nolan	106 Wildrock Court RLK, Sunset, SC
848. Charles Leonardi	704 Dewberry Way, Seneca, SC
849. Mary Ellen Leonardi	704 Dewberry Way, Seneca, SC
850. Candy Hardy	101 South Cove Road, Salem, SC
851. Sean Carrigan	213 E Fort George Way, Sunset, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

852. Cindy Carrigan	213 E Fort George Way, Sunset, SC
853. Tarek Mardam-Bey	505 W Fort George Way, Sunset, SC
854. Thomas Hawkins	118 Crest Point Drive, Seneca, SC
855. Kirk Rogers	118 Crest Point Drive, Seneca, SC
856. Mark Bahr	233 Crooked Rock Lane, Sunset, SC
857. Charles Prattini	546 Big Creek Way, Salem, SC
858. Jeannine Prattini	546 Big Creek Way, Salem, SC
859. Gretchen McEnroe	282 Jocassee point Road, Salem, SC
860. Susan G Hawkins	111 Sunnyview Drive, Seneca, SC
861. Miles D McGruff	108 South Port Drive, Seneca, SC
862. Jan Barnet	112 South Port Drive, Seneca, SC
863. Jeffrey Brown	1895 Cleo Chapman Hwy, Sunset, SC
864. Kimberly Brown	1895 Cleo Chapman Hwy, Sunset, SC
865. Mike Watkins	305 King Fisher Lane, Salem, SC
866. Sue Watkins	305 King Fisher Lane, Salem, SC
867. Bill Sherman	103 Blackeyed Susan Lane, Sunset, SC
868. Helen Sherman	103 Blackeyed Susan Lane, Sunset, SC
869. Robert Black	210 Featherbell Lane, Sunset, SC
870. Carrol Black	210 Featherbell Lane, Sunset, SC
871. Bob Wiggins	410 Arbor Way, Seneca, SC
872. Emily Wiggins	410 Arbor Way, Seneca, SC
873. Susan Carswell	1025 Mears Drive, Seneca, SC
874. Tom Carswell	1025 Mears Drive, Seneca, SC
875. John Thomas	112 Wyndmere Way, Seneca, SC
876. Sydnie Horton	112 Wyndmere Way, Seneca, SC
877. Mark de Bruin	9550 E Thunderbird Rd, Scottsdale, AZ
878. Diana de Bruin	9550 E Thunderbird Rd, Scottsdale, AZ
879. John Ferguson	417 Augusta Way, Sunset, SC
880. Ken Werbowy	109 Great Camp Court, Sunset, SC
881. Barb Werbowy	109 Great Camp Court, Sunset, SC
882. Ann Canfield	169 Village Pointe Dr, Sunset, SC
883. Jason Sanders	118 Harvest Drive, Easley, SC
884. Stacy Sanders	118 Harvest Drive, Easley, SC
885. Ron Mendel	429 Augusta Way, Sunset, SC
886. Kathy Mendel	429 Augusta Way, Sunset, SC
887. Thomas Braniff	308 Ginsing Drive, Sunset, SC
888. Eileen Braniff	308 Ginsing Drive, Sunset, SC
889. Philip Maloney	603 Qweens Court, Slemson, SC
890. Richard Susko	307 Clear Lake Court, Salem, SC
891. Christine Susko	307 Clear Lake Court, Salem, SC
892. Maggie Johnson	112 Planters Drive, Seneca, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

893. Mike Johnson	112 Planters Drive, Seneca, SC
894. Jacob Miguel	212 Water Lake Drive, Sunset, SC
895. Laurel Miguel	212 Water Lake Drive, Sunset, SC
896. Jim Stormont	205 Whitney Drive, Sunset, SC
897. Beth Stormont	205 Whitney Drive, Sunset, SC
898. Tom Ferguson	110 Wynwood Court, Seneca, SC
899. Patricia Ferguson	110 Wynwood Court, Seneca, SC
900. Jann Sayatovic	115 Red Buckeye Trail, Sunset, SC
901. Wayne Sayatovic	115 Red Buckeye Trail, Sunset, SC
902. Michael Sullivan	509 Merganser Way, Salem, SC
903. Christine Sullivan	509 Merganser Way, Salem, SC
904. James Hatcher	108 Elderberry Way, Sunset, SC
905. Patricia Hatcher	108 Elderberry Way, Sunset, SC
906. John Sturgeon	501 N Clubhouse Drive, Sunset, SC
907. Colleen Sturgeon	501 N Clubhouse Drive, Sunset, SC
908. Benjamine Stone	425 E Seven Oaks Drive, Greenville, SC
909. Mary Horne	425 E Seven Oaks Drive, Greenville, SC
910. Garry Warren	1 Crystal Cove, Salem, SC
911. Peggy Warren	1 Crystal Cove, Salem, SC
912. Rick Rushton	120 Stephen Drive, Sunset, SC
913. Mille Rushton	120 Stephen Drive, Sunset, SC
914. Dan Weyen	659 Lake Breeze Lane, Salem
915. Kirk Rogers	118 Crest Pointe Drive, Seneca, SC
916. John Fox	417 Ivory Bill Way, Salem, SC
917. Christine Fox	417 Ivory Bill Way, Salem, SC
918. Steve c Spinks	410 Woodland Way, Greenville, SC
919. Andy Edwards	120 Crest Pointe Drive, Seneca, SC
920. Cindy Edwards	120 Crest Pointe Drive, Seneca, SC
921. Bert McCall	109 Abaco Lane, Seneca, SC
922. Steph McCall	109 Abaco Lane, Seneca, SC
923. Marlee McMall	109 Abaco Lane, Seneca, SC
924. Kedra McCall	109 Abaco Lane, Seneca, SC
925. Ted Rhodes	78 Baird Cove, Franklin, NC
926. Bill Wedral	241 Long Cove Court, Sunset, SC
927. Ellen Wedral	241 Long Cove Court, Sunset, SC
928. Jay Jansen	209 Jocassee Point Road, Salem, SC
929. Laura Jansen	209 Jocassee Point Road, Salem, SC
930. Roger Joseph	110 Oakmont court, Sunset, SC
931. Sue Joseph	110 Oakmont court, Sunset, SC
932. Michael Graham	240 Featherstone Dr, Sunset, SC
933. Tom Johnston	436 S Pointe Blvd, Sunset, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

934. Laura Johnston	436 S Pointe Blvd, Sunset, SC
935. Don McInnis	137 Saranac Drive, Sunset, SC
936. Mary Blundy	415 Arbor Way, Seneca, SC
937. Ken Marcoon	110 St. Christopher Court, Seneca, SC
938. Laura Marcoon	110 St. Christopher Court, Seneca, SC
939. Rodney Edwards	13 Claymore Court, Greenville, SC
940. Michelle Allison	608 Foxcroft Road, Greenville, SC
941. Gina Boulware	301 Redcliffe, Greenville, SC
942. Mike Mader	514 Palmer Way, Sunset, SC
943. Joseph Pazden	505 Hidden Hills Drive, Greenville, SC
944. Andrew Hessen	568 Riverstone Drive, Salem, SC
945. Mary Hessen	568 Riverstone Drive, Salem, SC
946. Larry Mays	
947. Tom Crouch	PO Box 42, Sunset, SC
948. Ellen Crouch	PO Box 42, Sunset, SC
949. Allen Whitaker	918 Rippling Water Way, Salem, SC
950. Pam Whitaker	918 Rippling Water Way, Salem, SC
951. Teri Maugeri	130 Blossom Hill Trail, Sunset, SC
952. Ron Maugeri	130 Blossom Hill Trail, Sunset, SC
953. Andy Lee	896 North Walnut Street, Seneca, SC
954. Jay Horton	8 Boatswain Way, Salem, SC
955. Phyllis Horton	8 Boatswain Way, Salem, SC
956. Alan MacMurray	423 Pileated Woodpecker Way, Sunset, SC
957. Wendy MacMurray	423 Pileated Woodpecker Way, Sunset, SC
958. Chris Licata	429 Landing Road, Sunset, SC
959. Michelle Licata	429 Landing Road, Sunset, SC
960. Tom Brooks	190 Cool Water Way
961. J. Curt Hockemeier	120 Mist Flower Lane, Sunset, SC
962. Nancy Hockemeier	120 Mist Flower Lane, Sunset, SC
963. Pat Jones	132 Mountain Shore Trail
964. Paul Jones	132 Mountain Shore Trail
965. Kim Popovits	30 Stonepine Road, Hillsboror, CA
966. Pat Popovits	30 Stonepine Road, Hillsboror, CA
967. Jordan Mrcanca	113 Aboco Lane, Seneca, SC
968. Donna Stein	128 Big Creek Trail, Salem
969. Richard Stein	128 Big Creek Trail, Salem
970. Steve Grant	340 Long Cove Trail, Salem, SC
971. Cheryl Grant	340 Long Cove Trail, Salem, SC
972. Warren David	502 Keowee Bay Circle, Salem, SC
973. Ayla Warren	502 Keowee Bay Circle, Salem, SC
974. Austin Smith	14 Dinghy Court, Salem, SC

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975. Jean Smith	14 Dinghy Court, Salem, SC
976. Fred Goosen	117 Mist Flower Lane, Sunset, SC
977. Judy Goosen	117 Mist Flower Lane, Sunset, SC
978. Kim Keelor	106 Solomons Seal Lane, Sunset, SC
979. Darlene Keelor	106 Solomons Seal Lane, Sunset, SC
980. Bob Fisher	310 Windflower Drive, Sunset, SC
981. Sue Fisher	310 Windflower Drive, Sunset, SC
982. Douglas Snyder	220 Pitcher plant Lane, Sunset, SC
983. Susan DeVito	310 Cool Water Way, Sunset, SC
984. Andrew DeVito	310 Cool Water Way, Sunset, SC
985. Doug Nelson	213 Jocassee Point Road, Salem, SC
986. Peggy Nelson	213 Jocassee Point Road, Salem, SC
987. Martin Schappell	301 E Fort George Way, Sunset, SC
988. Janet Schappell	301 E Fort George Way, Sunset, SC
989. Mike Dechaerd	710 Watermark Court, Seneca, SC
990. Larry Mays	320 High Bridge Chase, High Cross, GA
991. Mary Watson	109 Blackeyed Susan Way, Sunset, SC
992. Terry Israel	106 Foxglove Common Court, Sunset, SC
993. Becky Israel	106 Foxglove Common Court, Sunset, SC
994. Robert Brinkman	504 Walnut Cove Court, Seneca, SC
995. Lynn Brinkman	504 Walnut Cove Court, Seneca, SC
996. Robert Hoeft	175 Westlake Drive, Seneca
997. Sharon Hoeft	175 Westlake Drive, Seneca
998. Myles Standish	519 Birchbark Court, Seneca, SC
999. Jeannine Standish	519 Birchbark Court, Seneca, SC
1000. Walter Dahl	109 Wynwood Court, Seneca, SC
1001. Keith Riddle	327 South Cove Road, Sunset, SC
1002. Lee Riddle	327 South Cove Road, Sunset, SC
1003. John Ozols	301 Bobolink Drive, Seneca, SC
1004. Marite Ozols	301 Bobolink Drive, Seneca, SC
1005. Tom Markalunas	707 Crescent Ave, Greenville, SC
1006. Rolf Turnquist	111 Trout Lilly Lane, Sunset, SC
1007. Jason Trent	26 Settlers Cove, Brevard, NC
1008. Kellie Trent	26 Settlers Cove, Brevard, NC
1009. Noah Trent	26 Settlers Cove, Brevard, NC
1010. Caleb Trent	26 Settlers Cove, Brevard, NC
1011. Zachary Trent	26 Settlers Cove, Brevard, NC
1012. Chris McCaleb	6174 Harbor Green Drive, Fort Worth, TX
1013. Mellissa McCaleb	6174 Harbor Green Drive, Fort Worth, TX
1014. Josh Beer	6231 Foridian Circle, Lake Worth, FL
1015. Bridget Beer	6231 Foridian Circle, Lake Worth, FL

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

1016. Lauren Beer	6231 Foridian Circle, Lake Worth, FL
1017. Ashley Swann	502 E Sixth Street, Cookville, TN
1018. Robert Swann	502 E Sixth Street, Cookville, TN
1019. Finn Swann	502 E Sixth Street, Cookville, TN
1020. Mac Swann	502 E Sixth Street, Cookville, TN
1021. Nichole Lucician	4460 Strawfield Drive, Gahanna, OH
1022. Matt Lucician	4460 Strawfield Drive, Gahanna, OH
1023. Grant Lucician	4460 Strawfield Drive, Gahanna, OH
1024. Evan Lucician	4460 Strawfield Drive, Gahanna, OH
1025. Leil DeSilva	2717 Grandview Dr Plano TX
1026. Casie DeSilva	2717 Grandview Dr Plano TX
1027. Luke, DeSilva	2717 Grandview Dr Plano TX
1028. Olivia DeSilva	2717 Grandview Dr Plano TX
1029. Jon Barrow	6 Beacon Ridge Circle, Salem, SC
1030. Penny Barrow	6 Beacon Ridge Circle, Salem, SC
1031. Derham Eginton	180 Westlake Drive, Seneca, SC
1032. Patricia Eginton	180 Westlake Drive, Seneca, SC
1033. Katarine Krueger	514 Hillandale Road, Seneca, SC
1034. Daniel Krueger	514 Hillandale Road, Seneca, SC
1035. Carolin Malone	807 Clearlake Pointe, Seneca, SC
1036. John Malone	807 Clearlake Pointe, Seneca, SC
1037. Dennis Weise	723 Clearlake Pointe, Seneca, SC
1038. Cheryl Weise	723 Clearlake Pointe, Seneca, SC
1039. Jan Stevens	302 Hillandale Road, Seneca, SC
1040. Donald Riggs	122 Westlake Drive, Seneca, SC
1041. Stephen Sabol	1011 St. Andrews Court, Sunset, SC
1042. Valerie Sabol	1011 St. Andrews Court, Sunset, SC
1043. Jeanie Kalden	122 Westlake Drive, Seneca, SC
1044. Leon Hotz	516 Hillandale, Seneca, SC
1045. Ellen Hotz	516 Hillandale, Seneca, SC
1046. Lansing Vaughan	4 E Bobolink Court, Seneca, SC
1047. Jay Vaughan	415 Forrester Drive, Greenville, SC
1048. Jill Vaughan	415 Forrester Drive, Greenville, SC
1049. M Chase Vaughan	415 Forrester Drive, Greenville, SC
1050. Forrest Vaughan	Apt 223 University Terrace, Clemson, SC
1051. Shannon Holman	554 Natures View Drive, Salem, SC
1052. Mike McMillan	142 South Falls Road, Sunset, SC
1053. Aimee McMillan	142 South Falls Road, Sunset, SC
1054. Kyle Chudom	147 Button Bush Trail, Six Mile, SC
1055. Henry Gordon SR	5 E Bobolink Court, Seneca, SC
1056. Henry Gordon JR	5 E Bobolink Court, Seneca, SC

PETITION REQUESTING THAT DUKE ENERGY REMOVE FROM ITS KEOWEE-TOXAWAY RELICENSING APPLICATION THE PROVISION ALLOWING DUKE TO LOWER LAKE KEOWEE TO 790 FT. AMSL

1057. Craig Williams	709 Live Oak Court, Seneca, SC
1058. Amy Williams	709 Live Oak Court, Seneca, SC
1059. Chris Hayes	252 Jocassee Pointe Road, Salem, SC
1060. Tinsley Hayes	252 Jocassee Pointe Road, Salem, SC
1061. Ian Mackay	116 Stillwater Court, Sunset, SC
1062. Jincy Mackay	116 Stillwater Court, Sunset, SC
1063. Mike Andalora	306 Groveview Lane, Seneca, SC
1064. Janet Andalora	306 Groveview Lane, Seneca, SC
1065. Bob Kurek	673 Lake Breeze Lane, Salem
1066. Paulette Kurek	673 Lake Breeze Lane, Salem
1067. Randal Tolbert	1230 Reserve Blvd, Sunset, SC
1068. Gail Tolbert	1230 Reserve Blvd, Sunset, SC
1069. John Myslik	503 N Flagship Drive, Salem, SC
1070. Diane Myslik	503 N Flagship Drive, Salem, SC
1071. Ron Ross	107 Clearwater Drive, Seneca, SC
1072. Don Bush	1078 Oasis Pointe Drive, Loveland, OH, 45140
1073. Jan Bush	1078 Oasis Pointe Drive, Loveland, OH, 45140
1074. Brian Kazinec	212 Deep Cove Point, Sunset, SC
1075. Dee Kazinec	212 Deep Cove Point, Sunset, SC
1076. Joan Redmile	610 S Acorn Way, Seneca, SC
1077. Franklin Redmile	610 S Acorn Way, Seneca, SC
1078. Pete Arnold	146 Parkview Lane, Sunset, SC
1079. Mary Arnold	146 Parkview Lane, Sunset, SC
1080. John Voss	506 Hillandale Road, Seneca
1081. Julie Voss	506 Hillandale Road, Seneca
1082. John Merritt	320 Hillandale Road, Seneca, SC
1083. Ann Merrit	320 Hillandale Road, Seneca, SC
1084. Jennifer Barker	2550 Hosea Williams Drive NE, Atlanta GA
1085. Melissa Stafford	2550 Hosea Williams Drive NE, Atlanta GA
1086. Erin Sumpter	14435 Santee Pass Drive, Cypress TX
1087. Ryan Sumpter	14435 Santee Pass Drive, Cypress TX
1088. Carol Skar	408 Windcrest Court, Salem, SC
1089. Larry Skar	408 Windcrest Court, Salem, SC
1090. Ed Pekarek	230 Kudzu Drive, Walhalla, SC
1091. Ruth Pekarek	230 Kudzu Drive, Walhalla, SC
1092. Allen Medford	152 Camelot Drive, Seneca, SC
1093. Thomas Bulischeck	316 Hillandale Road, Seneca, SC
1094. Pricilla Bulischeck	316 Hillandale Road, Seneca, SC
1095. Len Nardone	510 Palmer Way, Sunset, SC
1096. Janet Nardone	510 Palmer Way, Sunset, SC
1097. Bob Kolb	217 E Wynward Pointe Way, Salem, SC

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1098. Donna Kolb	217 E Wynward Pointe Way, Salem, SC
1099. Tom Morse	102 E Blue Heron Drive, Salem, SC
1100. Patricia Morse	102 E Blue Heron Drive, Salem, SC
1101. Dr. James Clark	1643 W Little River Drive, Seneca, SC
1102. Becky Jo Clark	1643 W Little River Drive, Seneca, SC
1103. Clint Isbell	319 Huntcliff Drive, Taylors, SC
1104. Carol Isbell	319 Huntcliff Drive, Taylors, SC
1105. George Absher	112 Crest Pointe Drive, Seneca, SC
1106. Donna Absher	112 Crest Pointe Drive, Seneca, SC
1107. David Littleton	5 Bridge point, Beaufort, SC
1108. Donna Littleton	5 Bridge point, Beaufort, SC
1109. Colleen Blackburn	308 Oakleaf Court, Seneca, SC
1110. Thomas Blackburn	308 Oakleaf Court, Seneca, SC
1111. Michael Hehir	233 Oak Stone Drive, West Union, SC
1112. Susan Goodwin	233 Oak Stone Drive, West Union, SC
1113. Kenneth Klein	217 Oak Stone Drive, West Union, SC
1114. Janet Klein	217 Oak Stone Drive, West Union, SC
1115. Jeffrey Scott Rice	215 Oak Stone Drive, West Union, SC
1116. Neil Hoffman	106 Rippling Cove Way, Six Mile, SC
1117. Barbara Hoffman	106 Rippling Cove Way, Six Mile, SC
1118. Don Rasnick	241 Oak Stone Drive, West Union, SC
1119. Lois Resnick	241 Oak Stone Drive, West Union, SC
1120. Julio Sanchez	223 Oak Stone Drive, West Union, SC
1121. Carmen Ibarra	223 Oak Stone Drive, West Union, SC
1122. Jennifer Gourly	Lot 3 Oak Stone Drive, West Union, SC
1123. David Starek	700 Frenge Branch Road, Seneca, SC
1124. Vicky Starek	700 Frenge Branch Road, Seneca, SC
1125. Robert Kaufman	119 Cranefly Court, Sunset, SC
1126. Barbara Kaufman	119 Cranefly Court, Sunset, SC
1127. Justin Winter	119 Buck Ridge Road, Sunset, SC
1128. Beth Winter	119 Buck Ridge Road, Sunset, SC
1129. Craig Carver	PO Box 908 Travelers Rest, SC
1130. Ray Foral	210 E North Street, Greenville, SC
1131. Libby Zorbas	113 Parkview Lane, Sunset, SC
1132. John Hickey	21 Eastern Point, Salem, SC
1133. Christina Chopin	21 Eastern Point, Salem, SC
1134. Mark Martin	247 Stone Oak Drive, West Union, SC
1135. Dr Richard Sturtz	4105 Weatherstone Way, Anderson, SC
1136. Mrs Sturtz	4105 Weatherstone Way, Anderson, SC
1137. Buzz Maxwell	17806 Ravenna Road, Chagrin Falls, OH
1138. Juanita Maxwell	17806 Ravenna Road, Chagrin Falls, OH

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1139. Scott Anderson	25 Eastern Point, Salem, SC
1140. Jan McKinney	25 Eastern Point, Salem, SC
1141. Jeff Kronthal	329 Piney Woods Trail, Six Mile, SC
1142. Leah Kronthal	329 Piney Woods Trail, Six Mile, SC
1143. Brian Holden	10 Walnut Hall Lane, Greenville, SC
1144. Natalie Holden	10 Walnut Hall Lane, Greenville, SC
1145. Lester Essex	519 Tall Ship Drive, Salem, SC
1146. Roxanna Essex	519 Tall Ship Drive, Salem, SC
1147. Troy Toureau	6026 Empire Lakes Court, Haymarket, VA
1148. Alan Portelli	Lot 22 Keowee Springs, six Mile, SC
1149. Wayne helms	721 Spring Cove Way, Six Mile, SC
1150. Stacie Helms	721 Spring Cove Way, Six Mile, SC
1151. Roberta Nemo	225 Greer Drive, Six Mile, SC
1152. John Metz	225 Greer Drive, Six Mile, SC
1153. Bob Atkins	147 Cross lake Trail, Sunset, SC
1154. Lisa Atkins	147 Cross lake Trail, Sunset, SC
1155. Ken Berry	134 N Main, Six Mile, SC
1156. Mathew Vogt	105 N Spring Street, Greenville, SC
1157. Scott Grove	19 Eastern Point, Salem, SC
1158. Patty Grove	19 Eastern Point, Salem, SC
1159. Jennifer Parker	1864 Lancaster Trail, Lancaster, SC
1160. Randy Coleman	1864 Lancaster Trail, Lancaster, SC
1161. Norman Chapman	124 South lawn Drive, Sunset, SC
1162. Joseph Chapman	124 South lawn Drive, Sunset, SC
1163. Elizabeth Young	124 South lawn Drive, Sunset, SC
1164. Ted Ray	10040 Halstead Drive, Suwanee, GA
1165. Robin Ray	10040 Halstead Drive, Suwanee, GA
1166. Dan Houlihan	176 Hickory Springs Way, Six Mile, SC
1167. Kathy houlihan	176 Hickory Springs Way, Six Mile, SC
1168. Scott Stuckly	189 Lake Breeze Trail, Six Mile, SC
1169. Anna Stuckly	189 Lake Breeze Trail, Six Mile, SC
1170. Scott Ziegler	36 Woodvale Ave, Greenville, SC
1171. Lynn Ziegler	36 Woodvale Ave, Greenville, SC
1172. Rachel Drees	237 Oakstone Drive, West Union, SC
1173. Bill Brosky	127 Muirfield Court, Sunset, SC
1174. Gretchen Brosky	127 Muirfield Court, Sunset, SC
1175. Bob Stuke	10 Delta Court, Seneca, SC
1176. Laurie Reinecke	10 Delta Court, Seneca, SC
1177. Wayne Culberson	302 Four Lakes Drive, Easley, SC
1178. Terry Wawro	101 Keowee Point Drive, Seneca, SC
1179. Cindy Wawro	101 Keowee Point Drive, Seneca, SC

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1180. Larry Madden	602 Cambridge Square, West Union, SC
1181. Bill Turner	10004 Fairview Church Road, Seneca, SC
1182. Randy Weghorst	509 Tall Ship Drive, Salem, SC
1183. Linda Weghorst	509 Tall Ship Drive, Salem, SC
1184. Paul Johnson	24 Mizzen Lane, Salem, SC
1185. Debbie Johnson	24 Mizzen Lane, Salem, SC
1186. David Moeser	1652 White Pines Court, Napperville, IL
1187. Margaret Moeser	1652 White Pines Court, Napperville, IL
1188. John Broadwell	1804 Mallard Bend Road, Seneca, SC
1189. Martha Lancaster	407 Hebron Road, Seneca, SC
1190. Bill Lancaster	407 Hebron Road, Seneca, SC
1191. Charlie Arms	187 Village View Drive, Sunset, SC
1192. Anita Arms	187 Village View Drive, Sunset, SC
1193. Dean Rogers	8 Cardinal Point, Salem, SC
1194. Jane Rogers	8 Cardinal Point, Salem, SC
1195. Gerda Vance	314 Oakleaf Court, Seneca, SC
1196. Darrin Ullerick	Have e-mail address TBD
1197. Bill Hicks	124 Hickory Springs Way, Six Mile, SC
1198. Susan Hicks	124 Hickory Springs Way, Six Mile, SC
1199. Gerald Kunkle	105 Deep Water Court, Sunset, SC
1200. Susan Kunkle	105 Deep Water Court, Sunset, SC
1201. Steven Lorang	10008 Fairfiew Church Road, Seneca, SC
1202. Elaine Roberts	1440 N James Road, Columbus, OH
1203. Dale Wilde	1440 N James Road, Columbus, OH
1204. Rick Freeman	515 Stoneridge Circle, Seneca, SC
1205. Betsy Freeman	515 Stoneridge Circle, Seneca, SC
1206. Jessi Moyle	708 Clear Lake Point, Seneca, SC
1207. James Moyle	708 Clear Lake Point, Seneca, SC
1208. Lynn Jabolonski	1299 Alexandria Blvd, Bowling Green, OH
1209. Mark Jabolonski	1299 Alexandria Blvd, Bowling Green, OH
1210. Rick Wells	712 Clear Lake Point, Seneca, SC
1211. Cathy Wells	712 Clear Lake Point, Seneca, SC
1212. Tom Ellis	302 Oak Leaf Court, Seneca, SC
1213. Martha Ellis	302 Oak Leaf Court, Seneca, SC
1214. Robert Trout	39 Knipp Road, Houston, TX
1215. Teresa Trout	39 Knipp Road, Houston, TX
1216. Anne Mranca	113 Abaco Lane, Seneca, SC
1217. Jared Mranca	113 Abaco Lane, Seneca, SC
1218. Patty Bystrom	244 Featherstone Dr, Sunset, SC
1219. Gary Bystrom	244 Featherstone Dr, Sunset, SC
1220. Thomas Geistler	Lot 81 RLK, Sunset, SC

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1221. Renee Geistler	Lot 81 RLK, Sunset, SC
1222. Brian Hackley	305 Beech View Court, Seneca, SC
1223. Wendy Carter	305 Beech View Court, Seneca, SC
1224. Douglas Perry	218 Hillview Drive, Seneca, SC
1225. William Russo	1916 E 64 th St, Indianapolis, IN
1226. Sally Rosenlund	3331 Pond Chase Court, Midlothian, VA
1227. Brad Rosenlund	3331 Pond Chase Court, Midlothian, VA
1228. Brian Jackson	508 Deepwater Cove Way, Canton, GA
1229. Bonnie Jackson	508 Deepwater Cove Way, Canton, GA
1230. Carrie Higdon	4080 Winding Valley Drive, Smyrna, GA
1231. Anthony Kaduk	230 Eastatoe Parkway, Sunset, SC
1232. Linda Kaduk	230 Eastatoe Parkway, Sunset, SC
1233. Dureka Agboka	515 Browning Circle, Acworth, GA
1234. Leslie Agboka	515 Browning Circle, Acworth, GA
1235. Megan Wall	6940 Roswell Rd NE, Atlanta, GA
1236. Terry Conner	126 Brightwater Trail, Six Mile, SC
1237. Carol Conner	126 Brightwater Trail, Six Mile, SC
1238. John Flack	1158 Mears Road, Seneca, SC
1239. Bill Vanlandingham	206 Palmer Way, Sunset, SC
1240. Eleanor Vanlandingham	206 Palmer Way, Sunset, SC
1241. Eldin Blust	PO Box 2050, Seneca, SC
1242. Jean Blaney	118 Young Deer Trail, Sunset, SC
1243. Dr. Tom Blaney	118 Young Deer Trail, Sunset, SC
1244. Jimmy Dodgens	114 Yellow Jacket Cove, Sunset, SC
1245. Helen Dodgens	114 Yellow Jacket Cove, Sunset, SC
1246. Ashley Gantt	321 Lady Slipper Lane, Woodstock, GA
1247. Scott Halaby	219 Oakstone Drive, West Union, SC
1248. Tracy Halaby	219 Oakstone Drive, West Union, SC
1249. Grady McCarthy	9075 E Kemper Rd, Cincinnati, OH
1250. Mary Jo McCarthy	9075 E Kemper Rd, Cincinnati, OH
1251. Brian Fleming	48 Perimeter Center East, Atlanta, GA
1252. Bob Simon	9 Rum Row Ct, Salem, SC
1253. Renee Simon	9 Rum Row Ct, Salem, SC
1254. John Morgan	227 Greer Drive, Six Mile, SC
1255. Jeremy Tollison	108 Villa Court, Sunset, SC
1256. Lidia Rollison	108 Villa Court, Sunset, SC
1257. James McClintock	115 Spruce Trail, Sunset, SC
1258. Nancy McClintock	115 Spruce Trail, Sunset, SC
1259. Mills Gallivan	55 Beatie Place, Greenville, SC
1260. Lamar Wolgemuth	109 Summit Pine, Sunset, SC
1261. Rachel Wolgemuth	109 Summit Pine, Sunset, SC

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1262. Sandy Stern	159 Willow Walk, Sunset, SC
1263. Gerald Metcalf	115 Summit Pine, Sunset, SC
1264. Justin Hutcheson	313 Iron Bridge Way, Simpsonville, SC
1265. Angela Hutcheson	313 Iron Bridge Way, Simpsonville, SC
1266. Natalie Hamill	19 West Wing Ct, Salem, SC
1267. Linda Benson	520 West Pointe Drive, Seneca, SC
1268. Dave Benson	520 West Pointe Drive, Seneca, SC
1269. Harold Roesch	114 Pointe Harbor Drive, Seneca, SC
1270. JoAnn Roesch	114 Pointe Harbor Drive, Seneca, SC
1271. John Plank	108 Pointe Harbor Drive, Seneca
1272. Steve Guthman	4 High Water Court, Salem, SC
1273. Sue Ann Guthman	4 High Water Court, Salem, SC
1274. Jay Scott	Lot-35 Mirror Lake Court, Salem, SC
1275. Michael Taylor	201 Compass Court, Salem, SC
1276. Jeff Roth	160 West Lake Drive, Seneca, SC
1277. Margaret Roth	160 West Lake Drive, Seneca, SC
1278. Nancy Burrell	116 North Forty Road, Seneca, SC
1279. Marcus Howell	627 Waterway Lane, Seneca, SC
1280. Michelle Howell	627 Waterway Lane, Seneca, SC
1281. Dennis Tesolowski	123 Lindos Drive, Seneca, SC
1282. Cheri Hill Tesolowski	123 Lindos Drive, Seneca, SC
1283. TJ Tumlin	289 Sugarhill Rd, Seneca, SC
1284. Tiffany Tumlin	289 Sugarhill Rd, Seneca, SC
1285. David Conner	6 Sextant Drive, Salem, SC
1286. Julie Conner	6 Sextant Drive, Salem, SC