

A Touchstone Energy Cooperative

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Raleigh, North Carolina 27603-5918

August 29, 2011

Dobbs Building

Renee Vance, Chief Clerk North Carolina Utilities Commission 430 N. Salisbury Street

official copy

FILED

AUG 3 0 2011

Clerk's Office N.C. Utilities Commission

E-100,506128

Re: EnergyUnited – 2011 Integrated Resource Plan; 2010 Compliance Report; and 2011 Compliance Plan (all redacted)

Dear Ms. Vance:

Please find enclosed for filing an original and one copy of EnergyUnited's redacted 2011 Integrated Resource Plan and Annual Report. Also included are EnergyUnited's redacted 2010 Compliance Report, and redacted 2011 Compliance Plan.

We understand that this redacted version will be the only version of the aforementioned reports available to the public. Confidential copies with full disclosure have been provided to the Utilities Commission under separate cover.

If you have any questions, please do not hesitate to contact me at 704.924.2135

Sincerely,

H. Wayne Wilkins

Chief Executive Officer

cc: Giselle Rankin, NCUC Joe Eason, Nelson Mullins

enclosures

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Clerk's Office N.C. Utilities Commission

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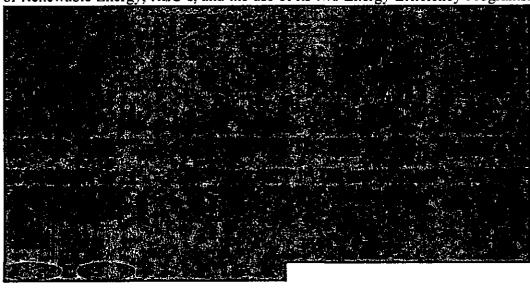
ENERGYUNITED
RENEWABLE ENERGY AND
ENERGY EFFICIENCY
PORTFOLIO STANDARD ("REPS")
COMPLIANCE PLAN
2011

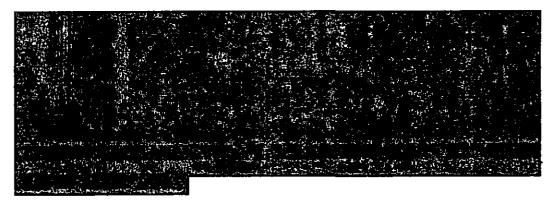
COMPLIANCE PLAN

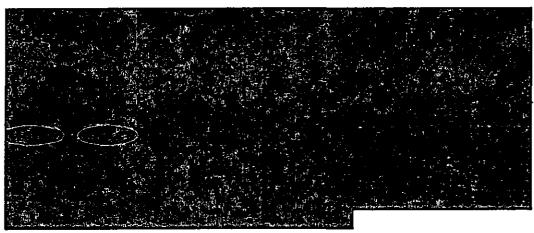
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(I) DESCRIPTION OF PLANNED COMPLIANCE ACTIONS

Pursuant to G.S. 62-133.8(c), EnergyUnited plans to comply through the purchase of Renewable Energy, REC's, and the use of its two Energy Efficiency Programs.







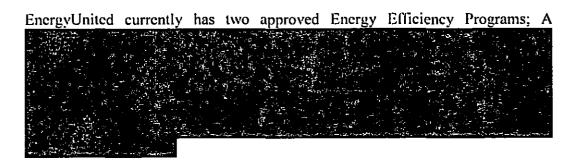


(II) LIST OF EXECUTED CONTRACTS

The table below represents EnergyUnited's existing significant executed contracts for future compliance with the REPS:

Contract	Type	Yearly Output	End of Term
The same of the sa			1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
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(III) LIST OF IMPLEMENTED ENERGY EFFICIENCY PROGRAMS



Program	Projected Impact

(IV) PROJECTED RETAIL SALES AND YEAR -END CUSTOMER ACCOUNTS BY CLASS

The tables below show EnergyUnited Projected Retail Sales and Customer Accounts by class for 2011, 2012, and 2013:

	2011	2012	2013
RETAIL MWh Sales	Total Cons	3 3	5. 1 2

ACCOUNT TYPE	2011 ACCOUNTS	2012 ACCOUNTS	2013 ACCOUNTS
RESIDENTIAL	de la	全 ,不是	が、 一致 も5 イング
SEASONAL	11 (12) (12		2
COMMERCIAL		7.33.43.5	Toronto de
INDUSTRIAL	(1)	5 t	
OTHER	19 G	ं .च इ.स .	200

(V) CURRENT AND PROJECTED AVOIDED COST RATES

EnergyUnited's avoided cost rate for 2011, 2012, and 2013 are reflected in the table below:

	2011	2012	2012
Avoided Cost Rate	Waldenbarrett - Jan Ber	Lancier of market from	And the second s

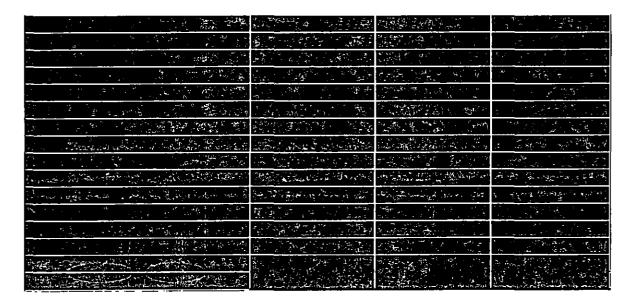
(VI) PROJECTED COSTS TO IMPLEMENT COMPLIANCE PLAN

EnergyUnited's actual total and incremental costs to implement its compliance plan are listed in the chart below along with projections for 2012 and 2013:

	2011	2012	2013
Total Cost	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		
Incremental Cost	Carried States	المالان معاملات سيسوث	The state of the s

(VII) COMPARISON OF PROJECTED COST-TO-COST CAPS

Schedule (VI) above projects the out of pocket costs expected to be incurred by EnergyUnited related to compliance with Senate Bill #3. Below is a compilation of the capped costs permitted under G.S. 62-133.8(h) (4) based upon our projected customer census:



EnergyUnited's is projecting its actual compliance costs to be well below the capped costs as defined under G.S. 62-133.8(h) (4)

(VIII) ESTIMATE OF THE AMOUNT OF REPS RIDER

EnergyUnited has formulated its REPS Rider according to the provisions set forth in G.S. 62-133.8(h). The chart below indicates the EnergyUnited REPS Rider and Projections:

Yearly REPS Rider	2011	2012	2013
Residential	\$ 15 th 155		
Commercial			4 7 1
Industrial		7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	San Aller

EnergyUnited does not anticipate an increase in its rider during the next several years.

(IX) ELECTRIC POWER SUPPLIER'S REGISTRATION INFORMATION AND CERTIFIED STATEMENTS

Each of EnergyUnited's current suppliers has registered as per Rule 8-66 regarding registration of renewable energy generation facilities.

VERIFICATION

STATE OF NORTH CAROLINA)
)
COUNTY OF IREDELL)

Alec Natt, being first duly sworn, deposes and says:

That he is Chief Financial Officer of EnergyUnited Electric Membership Corporation, and has authority to verify the attached 2011 Compliance Plan(redacted) of EnergyUnited associated with North Carolina's Renewable Energy Portfolio Standards administered by the North Carolina Utilities Commission (the "Report") on its behalf; that he has read the foregoing Report and knows the contents thereof; and that the same contents are true to the best of his information and belief.

Alec Natt (name of officer)

Olen Nut

Statesville, North Carolina (Office at EnergyUnited)

Sworn and subscribed to before me this 29th day of duguot, 2011

Notary Public

My commission expires fune 3, 2014

[SEAL]

ENERGYUNITED RENEWABLE ENERGY AND ENERGY EFFICIENCY PORTFOLIO STANDARD ("REPS") COMPLIANCE REPORT 2010

COMPLIANCE REPORT

(I)	RENEWABLE ENERGY CERTIFICATES	. 2
(II)	ACTUAL 2010 TOTAL NORTH CAROLINA RETAIL SALES BY ENERGYUNITED AND YEAR END NUMBER OF CUSTOMER ACCOUNTS BY CLASS	. 2
(III)	CURRENT AVOIDED COST RATES	. 2
(IV)	ACTUAL TOTAL AND INCREMENTAL COSTS INCURRED IN 2010	. 3
(V)	ACTUAL COMPLIANCE COST COMPARISON TO THE ANNUAL COST CAL	
(VI)	STATUS OF COMPLIANCE WITH REPS REQUIREMENTS	. 3
(VII)	IDENTIFICATION OF RECS AND MWH CARRIED FORWARD	. 4
(VIII)	IDENTIFICATION OF FACILITIES PROVIDING RENEWABLE ENERGY CERTIFICATES USED BY ENERGYUNITED FOR COMPLIANCE	. 4
(IX)	REDUCED ENERGY CONSUMPTION IN 2010THROUGH THE USE OF DEMAND-SIDE MANAGEMENT AND ENERGY EFFICIENCY PROGRAMS.	. 5

Rule 8-67 (c) Compliance Report

(I) RENEWABLE ENERGY CERTIFICATES-2010 Retirements

According to N.C.G.S. 62-133.8(d) in 2010 EnergyUnited is required to supply two hundeths of one percent (.02%) of its 2009 kilowatt hour sales (2,230,849) supplied by equivalent solar energy renewable certificates (SRECS). EnergyUnited complied with the requirement using the following SRECS by source and number of SRECS:



These 2010 SRECS were retired through the North Carolina Renewable Tracking System.

(II) ACTUAL 2010 TOTAL NORTH CAROLINA RETAIL SALES BY ENERGYUNITED AND YEAR END NUMBER OF CUSTOMER ACCOUNTS BY CLASS

	2010
RETAIL MWh Sales	अक्टोल्ट अट्ट े

ACCOUNT TYPE	NUMBER OF ACCOUNTS
RESIDENTIAL	103,096
SEASONAL	1,614
COMMERCIAL	16,288
INDUSTRIAL	22
OTHER	345

(III) CURRENT AVOIDED COST RATES

EnergyUnited's avoided cost rate as of year-end 2010 is reflected in the table below:

2010 Avoided Cost Rate	The state of the s

EnergyUnited currently does not have any long term renewable PPA's that utilize anything other than the EnergyUnited published Avoided Cost Rate.

(IV) ACTUAL TOTAL AND INCREMENTAL COSTS INCURRED IN 2010

Actual total costs incurred in 2010 for future REPS compliance consisted of (i) 2010 Purchase of Renewable Energy Credits/Energy Efficiency, and (ii) 2010 incremental labor and other direct costs. Details are included as appendix 1

	REC/EE Purchases	Labor and other Direct Costs
Actual Total Cost- Including Energy	S. S. S.	The state of
Actual Incremental Cost- Without Energy	<u> </u>	

(V) ACTUAL COMPLIANCE COST COMPARISON TO THE ANNUAL COST CAP

The table below compares EnergyUnited's 2010 compliance costs to the annual cost caps for 2010.

Account Type	2010 Accounts	Annual Cap	Total Annual Cost Cap
Residential	104,710	\$10.00	San
Commercial	16,288	\$50.00	建
Industrial	22	\$500.00	भारता का कार्या है। भारता का कार्या है।
		Total Annual Cost Cap	
		Actual Compliance Cost	3

(VI) STATUS OF COMPLIANCE WITH REPS REQUIREMENTS

Pursuant to the provisions of N.C.G.S. 62-133.8(c)(1), there are no REPS requirement for the calendar year 2010 other then the requirements of 62-133.8(d) to which compliance is addressed in (1) above. EnergyUnited continues to identify opportunities to purchase the most cost-effective REC's in order to keep its members compliance costs as low as possible. EnergyUnited has developed two Energy Efficiency Programs, and continues to purchase renewable energy certificates, and develop PPA's with entities to create new renewable generation.

(VII) IDENTIFICATION OF RECS AND MWH CARRIED FORWARD

The following tables represents the renewable energy and REC's EnergyUnited intends to carry forward pursuant to N.C.G.S 62-133.8(c)(2)(f) as of year-end 2010 for use in future years.

Resource	2010 REC's Purchased in 2010	Cumulative REC's Carry-Forward (Net of Retirements from I above)
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	100	8

(VIII) IDENTIFICATION OF FACILITIES PROVIDING RENEWABLE ENERGY CERTIFICATES USED BY ENERGYUNITED FOR COMPLIANCE

Pursuant to the provisions of N.C.G.S 62-133.8(c)(1), there is no REPS requirement for calendar year 2010 other than the requirements of 62-133.8(d) to which compliance is addressed in (1) above. All applicable affidavits are required.

(IX) REDUCED ENERGY CONSUMPTION IN 2010 THROUGH THE USE OF DEMAND-SIDE MANAGEMENT AND ENERGY EFFICIENCY PROGRAMS

Beginning in 2009 EnergyUnited began to utilize its energy efficiency programs for a reduction in energy consumption. The following table represents energy efficiency REC equivalents purchased in 2010 and cumulative as of year-end 2010 that will be utilized as the related energy efficiency benefits are achieved over the lifetime of the specific attribute of the program:

Resource	2010 REC's	Cumulative REC's
Heat Pump Rebate Program		# 21 TO 1
Commercial Lighting Rebate Program	A Part of the Control	Secretary and the second

No demand side management was used to create a reduction in energy consumption in 2009 or 2010. The following table represents the Energy Efficiency reductions achieved during 2010 and cumulative through the were no MWH savings recognized in 2009 as the rebate programs began in the latter part of that year:

Program	MWH's Saved-2010	MWH's Saved-Cum,
Demand-Side Management		
Energy Efficiency	7125	French .

(d) METHODOLOGY FOR DETERMINING INCREMENTAL COST CAP

EnergyUnited utilizes the following method to determine its 2010 incremental cost cap for complying with N.C.G.S. 62-133.8 (c), (d), (e), and (f):

Utilizing the number of customers at year end 2010 by customer class; multiply the year end number of accounts for each class by the corresponding per account annual charges established in N.C.G.S. 62-133.8(h)(4); Add the resulting totals to establish the total incremental cost cap.

VERIFICATION

STATE OF NORTH CAROLINA)
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COUNTY OF IREDELL)

Alec Natt, being first duly sworn, deposes and says:

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Alec Natt (name of officer)

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Statesville, North Carolina (Office at EnergyUnited)

Sworn and subscribed to before me this 29th day of August, 2011 (Marla & Footu

Notary Public

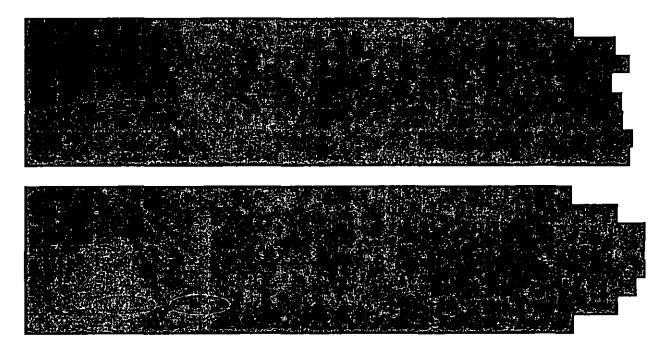
My commission expires Tune 3, 2014

[SEAL]



Integrated Resource Plan Summary

This document represents EnergyUnited EMC's Integrated Resource Plan and Annual Report filed with the North Carolina Utilities Commission (NCUC), including a forecast of loads and resources to meet their power supply needs over the next fifteen years. In addition, this report incorporates EnergyUnited's efforts towards compliance with its obligations under the Senate Bill 3 Renewable Portfolio Standards.



EnergyUnited is a transmission dependent utility and relies on the transmission system of Duke Energy to transfer power purchases to their loads. EnergyUnited receives Network Integration Transmission Service under Part III of the Open Access Transmission Tariff with Duke Transmission.

As a part of EnergyUnited's plan to comply with the requirements of the REPS pursuant to Rule R8-67(b), EnergyUnited has submitted its 2010 Compliance Report and 2011 Compliance Plan.

The following is EnergyUnited's response to the requested data as outlined in NCUC's Rule R8-60:

Section I: EnergyUnited Integrated Resource Plan

- 1. Forecasts of Load, Supply-Side Resources, and Demand-Side Resources:
 - a. Table 1.1 provides a ten-year history and a 15-year forecast of EnergyUnited's customers by each customer class, along with a ten-year history and a 15-year forecast of the energy sales (mWh) by each customer class.

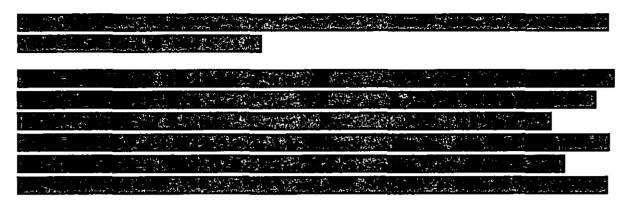
- b. Tables 1.2 and 1.3 provide a 15-year forecast of EnergyUnited's peak load requirements and resources from 2011 through 2026 for both the summer and winter periods. EnergyUnited's portfolio of resources meet EnergyUnited's summer and winter load requirements. EnergyUnited continues to utilize its demand side resources, which are limited to residential water heater and air conditioning controls, along with commercial/industrial customer owned stand-by generation. These resources are utilized during peak hours to limit the overall demand on the system, and they also serve as an additional reserve capacity resource. EnergyUnited has developed energy efficiency programs such as High Efficiency lighting and Heat Pump replacement targeted at reduction in consumption.
- c. Table 1.4 provides a chart of EnergyUnited's Load Duration Curve for the summer and winter peaks.
- d. Load forecasting methods and models:



Customers, energy and demand are forecast on a monthly basis. The customer forecast and the energy sales forecast are completed for each retail class listed on the RUS Form 7. These classes include residential, seasonal, commercial, industrial, and other. The system monthly energy is the sum of the retail class energy sales adjusted for losses.

Residential and commercial customers are forecast using regression analysis. This forecast of customers, by retail class is then utilized in developing the energy forecast. For both the residential and commercial energy forecast, the forecast of customer growth of each class is multiplied by the forecast of average energy consumption per customer for that class, under the assumption of normal weather. Industrial customers are modeled on an individual basis. The demand forecast is developed similarly to the energy forecast by multiplying the number of customers and an average hourly demand per customer.

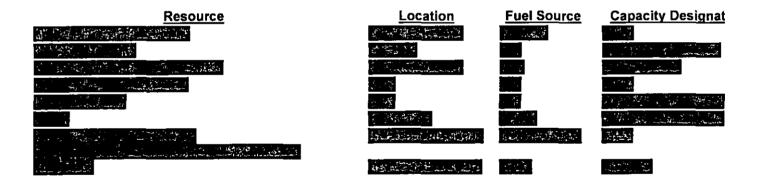
2. Generating Facilities:



3. Reserve Margins:



- 4. Wholesale Contracts for the Purchase and Sale of Power:
 - a. Wholesale Purchased Power Contracts:

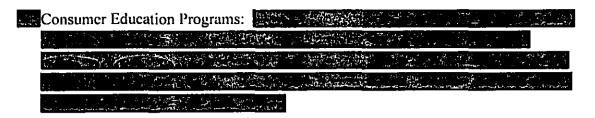


5. Transmission Facilities

EnergyUnited has no transmission facilities of 161 kV or higher.

6. Demand-Side Management

- a. Existing Programs: See Table 1.2 and 1.3 for details of demand—side management programs currently offered.
- b. Proposed Programs: EnergyUnited currently has no new proposed programs.
- c. Evaluated but Rejected Programs: EnergyUnited currently has no evaluated but rejected programs.



- 7. Assessment of Alternative Supply-Side Energy Resource: It is the opinion of EnergyUnited that there are sufficient resources and potential resources to meet the requirements of the REPS.
- 8. Evaluation of Resource Options: EnergyUnited is continuing to evaluate its resources options in an effort to create the most reliable and affordable portfolio for its membership.

VERIFICATION

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COUNTY OF IREDELL)

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Alec Natt (name of officer)

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Statesville, North Carolina (Office at EnergyUnited)

Sworn and subscribed to before me this 29th day of August, 2011 Ungelou K. Roden

Notary Public

My commission expires June 3, 2014

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USTOMERS BY CLASS	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2015	2019	2020	2021	2022	2023	2024	2025	2026
ESIDENTIAL EASONAL OMMERCIAL IDUSTRIAL THER OTAL	96,139 1,815 4,476 19 204	97,224 1,819 6,186 21 223 105,473	97,255 1,650 7,041 24 233 106,203	100,920 1,631 7,015 18 258	102,956 1,639 8,044 17 263	105,104 1,855 8,951 17 287	101,673 1,618 15,617 17 274	102,484 1,619 15,959 16 334	102,821 1,614 16,070 22 342 120,889	102,953 1,516 16,158 22 347 121,096								e in the second								
WH SOLD BY CLASS	2001	2002	2003	2004	2005	2008	2007	2008	2009	2010																
ESIDENTIAL EASONAL COMMERCIAL COMMERCIAL DUSTRIAL DITHER OTAL	1,304,776 7,584 393,883 108,549 2,453 1,817,245	1,344,419 7,753 420,229 124,718 3,245 1,900,384	1,361,340 7,680 432,221 121,961 3,159 1,926,341	1,435,927 7,320 458,979 124,977 3,527	1,485,753 7,457 498,835 142,559 3,935 2,138,339	1,453,506 7,355 522,140 151,621 4,026	1,532,644 7,709 559,557 156,112 2,557	1,503,962 7,452 592,319 151,486 4,848	1,505,641 7,602 525,350 187,337 4,918 2,230,848	1,661,712 8,678 554,808 209,666 4,945												in in the				

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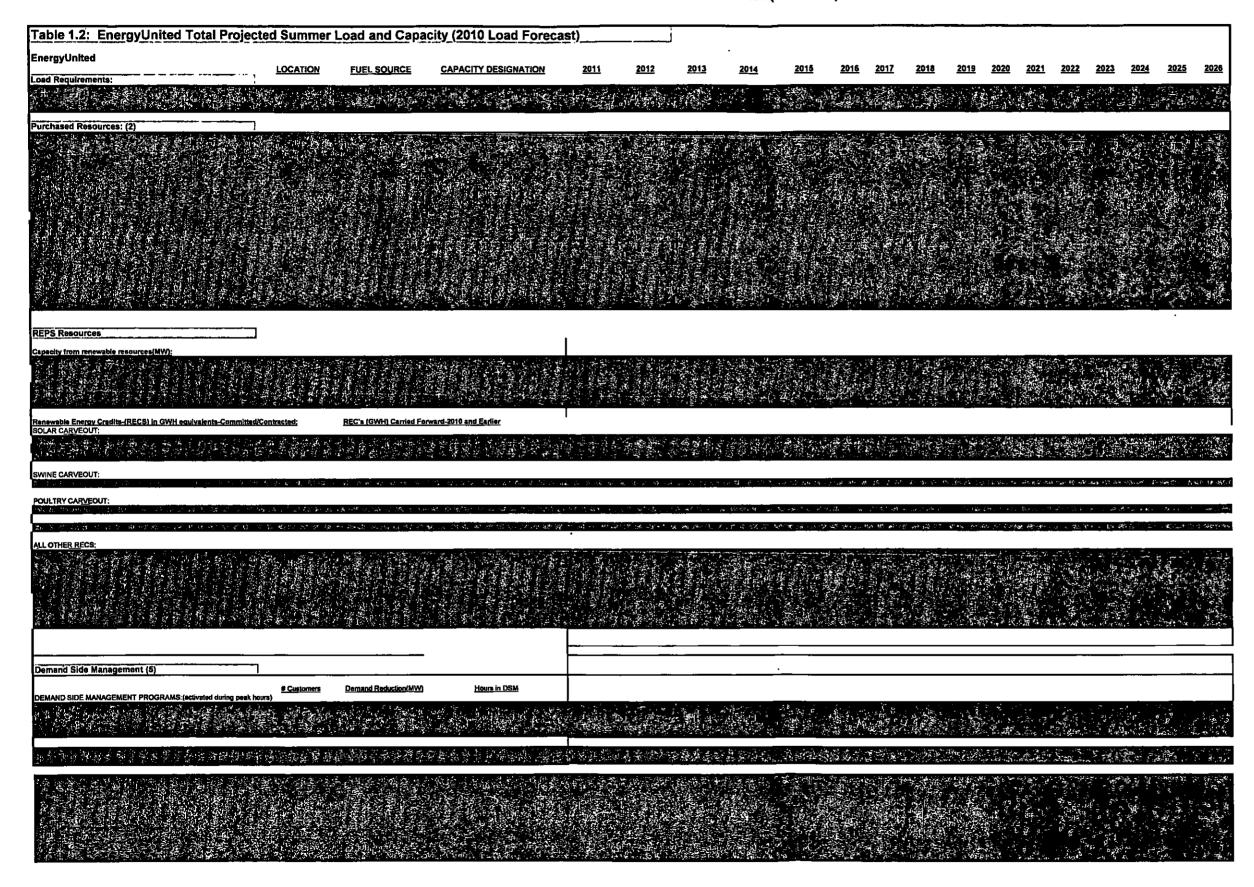
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2011 redacted ncuc IRP filings summer (Table 1.2)



2011 redacted ncuc IRP filings winter (Table 1.3)

