# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

### **CURRENT REPORT**

Pursuant to Section 13 OR 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported) June 2, 2011

### WESTAR ENERGY, INC.

(Exact name of registrant as specified in its charter)

KANSAS (State or other jurisdiction of incorporation or organization) 1-3523 (Commission File Number) 48-0290150 (IRS Employer Identification No.)

818 South Kansas Avenue, Topeka, Kansas (Address of principal executive offices)

66612 (Zip Code)

Registrant's telephone number, including area code (785) 575-6300

Not Applicable

(Former name or former address, if changed since last report)

Chec	k the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:
	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
	Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

### WESTAR ENERGY, INC.

### Section 7. Regulation FD

Date: June 2, 2011

### Item 7.01. Regulation FD Disclosure.

On June 2, 2011, we will attend the Citi Power and Utility Conference in Boston, Massachusetts, and will meet with investors at the conference. The presentation slides to be used in the meetings are attached to this report as Exhibit 99.1, which exhibit is incorporated herein by this reference. This information is available to the public on our website, <a href="http://www.WestarEnergy.com">http://www.WestarEnergy.com</a>. The information furnished pursuant to this Item 7.01, including Exhibit 99.1, will not be incorporated by reference into any registration statement filed by us under the Securities Act of 1933, as amended, unless specifically identified therein as being incorporated by reference.

#### Section 9. Financial Statements and Exhibits

#### Item 9.01. Financial Statements and Exhibits.

Exhibit 99.1 Westar Energy, Inc. presentation slides

#### **SIGNATURE**

Westar Energy, Inc.

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

By:	/s/ LARRY D. IRICK
Name:	Larry D. Irick
Title:	Vice President, General Counsel and Corporate Secretary

EXHIBIT INDEX

Exhibit
Number
Description of Exhibit

Exhibit 99.1 Westar Energy, Inc. presentation slides



# Citi Power and Utility Conference

Boston, MA June 2, 2011

**Citi Utility Conference June 2, 2011** 



## Forward Looking Disclosures

Forward-looking statements: Certain matters discussed in this presentation are "forwardlooking statements." The Private Securities Litigation Reform Act of 1995 has established that these statements qualify for safe harbors from liability. Forward-looking statements may include words like "believe," "anticipate," "target," "expect," "pro forma," "estimate," "intend," "guidance" or words of similar meaning. Forward-looking statements describe future plans, objectives, expectations or goals. Although we believe expectations are based on reasonable assumptions, all forward-looking statements involve risk and uncertainty. The factors that could cause actual results to differ materially from these forward-looking statements include those discussed herein as well as (1) those discussed in the company's Annual Report on Form 10-K for the year ended Dec. 31, 2010 (a) under the heading, "Forward-Looking Statements," (b) in ITEM 1. Business, (c) in ITEM 1A. Risk Factors, (d) in ITEM 7. Management's Discussion and Analysis of Financial Condition and Results of Operations, and (e) in ITEM 8. Financial Statements and Supplementary Data: Notes 13 and 15; and (2) those discussed in the company's Quarterly Report on Form 10-Q filed May 5, 2011 (a) in ITEM 7. Management's Discussion and Analysis of Financial Condition and Results of Operations and (b) in Part I, Financial Information, ITEM 1. Financial Statements: Notes 8 and 9; and (3) other factors discussed in the company's filings with the Securities and Exchange Commission. Any forward-looking statement speaks only as of the date such statement was made, and the company does not undertake any obligation to update any forward-looking statement to reflect events or circumstances after the date on which such statement was made.

Citi Utility Conference June 2, 2011

### **Recent Events**

- Mark Ruelle selected to succeed Bill Moore as CEO
- New KCC Commissioner elected as chairman
- Wolf Creek update performance indicators and outage
- Predetermination request for additional 370MW of renewables approved
- Q1 2011 EPS of \$0.27 flat compared with 2010

## Kansas Regulators

- Kansas Corporation Commission
  - Three-member board appointed by governor
  - Serve staggered four year terms
- Newest commissioner
  - Mark Sievers (R)
    - Appointed by governor to serve 4-year term, expiring March 2015
      - Elected chairman
    - · Attorney and economist
    - · Executive experience in telecommunications industry
- Current KCC commissioners
  - Thomas Wright (D)
    - Term expires March 2014
  - Ward Loyd (R)
    - Term expires March 2012

## Wolf Creek Update

- NRC performance indicators all "green"
  - NRC returned station to desired "Column 1" oversight
- NRC examinations of all U.S. plants after Japanese event reaffirmed capability to maintain reactor safety following large explosions or fires
  - NRC concluded Wolf Creek disaster plans adequately address expected emergencies, including tornado threat
    - NRC safety review is an ongoing improvement cycle based on lessons learned
- Turbine upgraded during spring refuel and maintenance outage
  - Upgrade follows early 20-year license extension received in 2009
  - Required longer planned outage than typical
    - Also provided opportunity for more detailed equipment inspections
      - Scope of work increased length of outage beyond plan
      - Outage extended further to address generator grounding issue
        - » Expect extension of 4 to 6 weeks



## Predetermination Request for Additional Renewables Approved

- Statute requires < 200 MW additional renewables by 2011</li>
  - Potential to satisfy requirement with RECs until projects placed in-service in late 2012
- KCC approved request for < 370 MW through PPAs</li>
  - Tentative agreements for 2 projects
    - · Post Rock Wind Farm 201 MW
    - Ironwood Wind Farm 168 MW
  - Expect both projects to be in-service by end 2012
  - Recover through the fuel adjustment clause
- 20 year agreements priced < \$35/MWh</li>
- Unanimous settlement and agreement among WR, Staff and CURB



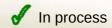
## Significant Planned Regulatory Agenda

- ✓ Predetermination request for 370MW of renewables approved
- ✓ Updated TDC tariff approved

8

- ✓ Request siting authority for Prairie Wind Transmission line
- ✓ Update ECRR tariff
- Update energy efficiency rider
- Plan to file general rate case late spring or early summer





Citi Utility Conference June 2, 2011

## 2011 Earnings Guidance of \$1.65 to \$1.80

- Planned price adjustments via tracking adjustments
- Expect weather adjusted retail sales to grow <1 %
- O&M increase <2 %</li>
- SG&A flat to decrease <1%</li>
- Depreciation increase <\$15 million</li>
- AFUDC equity decrease <\$2 million</li>
- COLI proceeds of <\$0.10 per share</li>
- Interest charges increase <\$5 million</li>
- Effective tax rate of 29% 31%
- Funding 2011 construction program
  - Issue 12.7 million shares already priced under forward sale agreements
  - Draw on revolving credit facilities and/or issuance of debt



## Annualized Rate & Revenue Changes **Actual and Estimated**

	<u>2010</u>	<u>2011</u>	2012 (Estimated)
Base rates	\$17 million Feb (Abbreviated rate case)		TBD
Transmission rates	\$16 million Jan 1	\$17 million Jan 1	<\$17 million Jan 1
ECRR	\$14 million June 1	\$10 million   June 1	<\$ 29 million June 1
Energy Efficiency	\$6 million November	<\$11 million  November  (Estimated)	<\$13 million November





## Major Construction Projects Underway

- Environmental (Air Quality)
  - Lawrence Energy Center
    - Fabric filters, rebuild scrubbers, precipitator, low NOx system
  - Jeffrey Energy Center
    - · SCR on 1 unit
  - La Cygne Energy Center
    - Scrubbers, fabric filters, common chimney, SCR and low NOx system
- Transmission
  - Wichita to Oklahoma 345 kV
  - Planning and design Prairie Wind line (<100 mile double circuit 345 kV)</li>
- SmartStar Lawrence
  - \$40 million project reduced by 50% DOE match
    - Advanced outage management
    - Automated metering infrastructure

Citi Utility Conference June 2, 2011

11



# Capital Expenditure Forecast 2011 - 2013

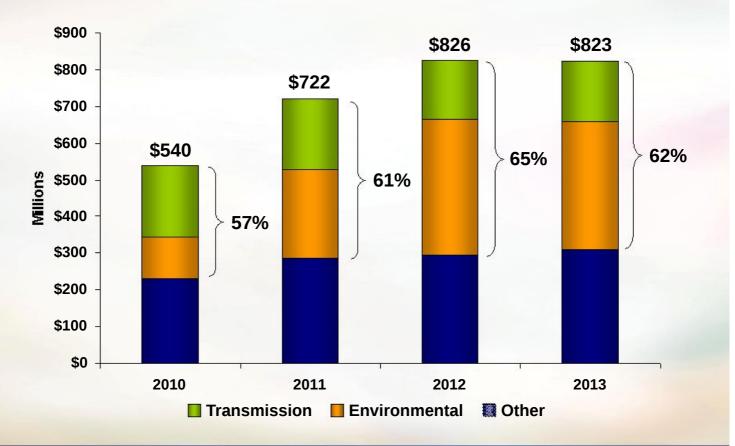
	Actual 2010	Forecast 2011	Forecast 2012	Forecast 2013	Forecast 2011 - 2013 Method of Cost Recovery
Generation replacements and other	\$ 83.4	\$ 130.4	\$ 146.4	\$ 150.6	\$ 427.4 General Rate Case (GRC)
Westar environmental La Cygne environmental	107.7 3.9	181.1 63.0	200.1 171.0	154.3 195.1	535.5 ECRR 429.1 ECRR
Nuclear Fuel	35.3	25.1	30.1	41.7	96.9 Fuel adjustment clause
Transmission	197.3	192.7	161.3	164.1	518.1 FERC formula rate/TDC
Distribution New customers, replacements & other Smart grid (a)	er 78.7 10.3	95.9 13.6	102.2	106.4	304.5 GRC 13.6 GRC
Other Total	23.5 \$ 540.1	19.8 \$ 721.6	15.0 \$ 826.1	\$ 823.2	45.8 GRC \$2,370.9

(a) net of DOE matching grant

In 2011, 2012 and 2013, Westar plans to incur additional expenditures related to the Prairie Wind Transmission joint venture (not inlcuded in above forecast amounts). Prairie Wind Transmission joint venture \$ 2.7 \$ 22.5 \$ 13.8 \$ 39.0



# Capital Expenditure Forecast 2011 - 2013



**Citi Utility Conference June 2, 2011** 



## Cash Flow Guidance

	2011E	
	(M	(illions)
Net income	\$	205
Depreciation and amortization		285
Cash from operations		490
Less: Cash dividends		145
Internally generated cash		345
Less: CapEx		722
Net cash flow required	\$	(377)

Assumptions and notes:

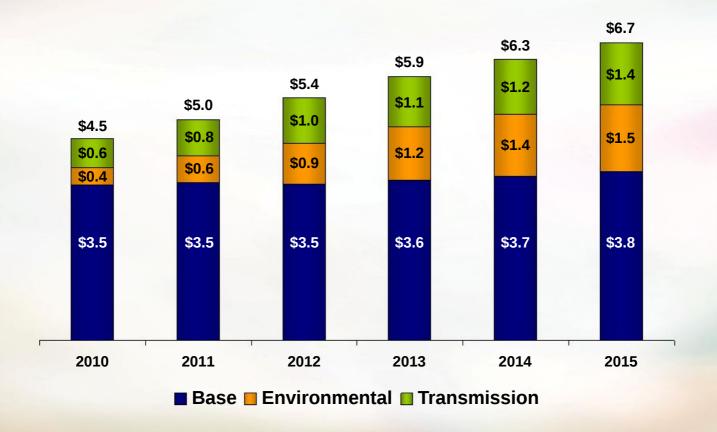
Net Income – midpoint of 2011 EPS guidance times average shares outstanding
Average shares assumes issuance of shares priced under forward sale agreements
Cash dividends - \$1.28 indicated annual dividend with 6.5% of common dividend being reinvested

Citi Utility Conference June 2, 2011

14



# Projected Rate Base 2010 – 2015 (in billions)



**Citi Utility Conference June 2, 2011** 

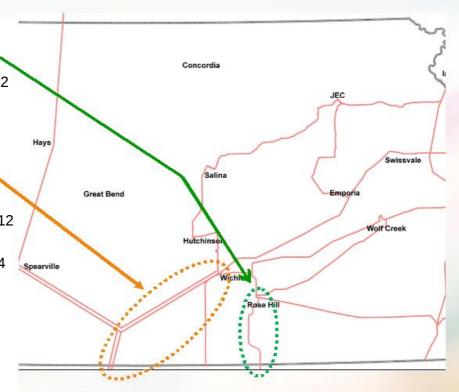


# Major Transmission Investments Underway

Rose Hill – Oklahoma
 Under construction
 Target completion mid 2012

• Investment < \$100 million

- Prairie Wind Transmission
  - 50/50 JV with ETA
  - Siting request Feb 2011
  - Begin construction mid 2012
  - Approximately 110 miles
  - Estimated completion 2014
  - Project cost <\$225 million



Westar Energy.

Citi Utility Conference June 2, 2011

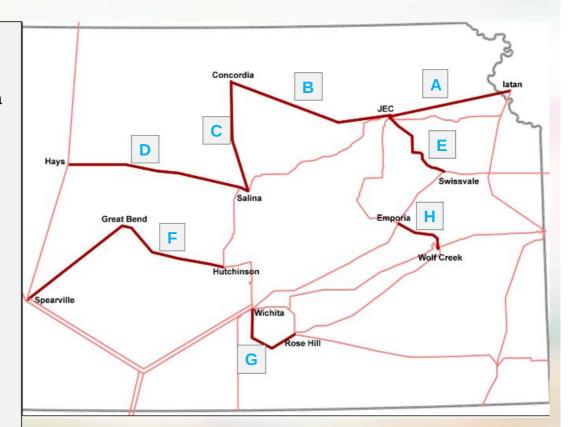
## **Prairie Wind Transmission Regulation**

- Received FERC incentives
  - Recovery of pre-commercial development costs
  - CWIP recovery in rate base
  - Allowed ROE of 12.8%
- KCC
  - Siting request filed Feb 28, 2011
  - Decision expected by June 28, 2011
- Southwest Power Pool
  - Regional cost allocation approved by FERC
  - "Notice to Construct" accepted
  - JV became a member of the SPP
  - Awaiting SPP adoption of formula rate



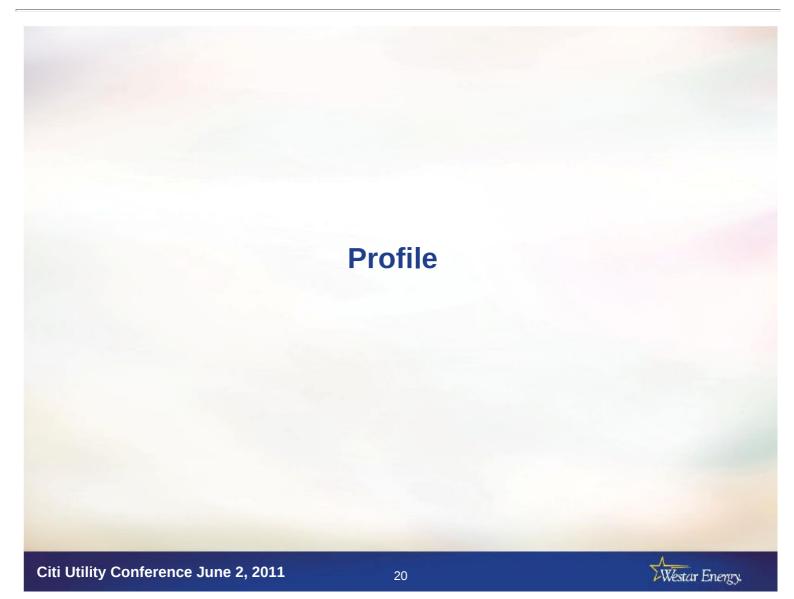
## Potential for High Voltage Transmission Growth

- A. JEC to latan Energy Center
- **B.** JEC to Concordia
- C. Concordia to Salina
- D. Salina to Hays
- E. JEC to Swissvale
- F. Hutchinson to Spearville
- G. Wichita to Rose Hill
- H. Wolf Creek to Emporia



Westar Energy.

Citi Utility Conference June 2, 2011



## Strategic Approach

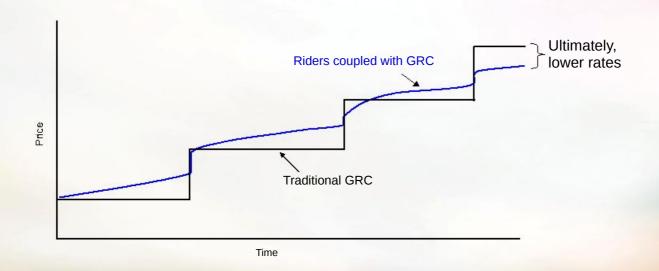
- Embrace uncertainty and acknowledge inability to predict the future
- Place a high value on flexibility
  - Operational
  - Financial
  - Regulatory



- Leverage actions and strategies around intrinsic advantages
- Seek collaborative and constructive approaches to regulation
- Value proposition
  - Protect against downside while growing investor returns

# Regulatory Approach

- A sound regulatory and energy policy platform
  - KCC and FERC
- Ultimately results in lower rates for customers

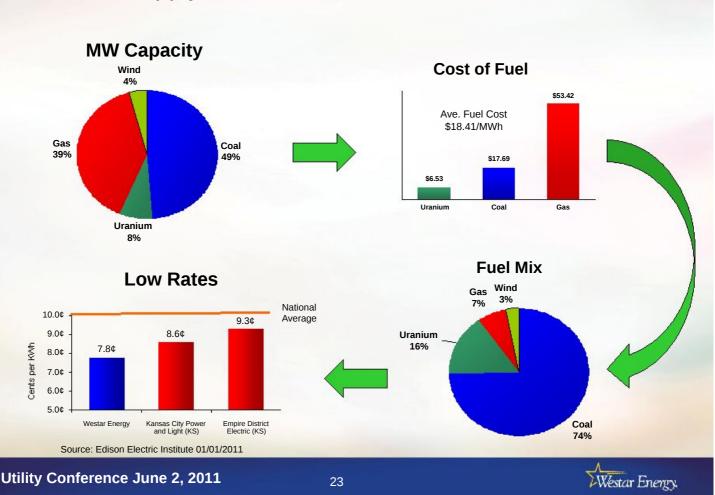


22

Citi Utility Conference June 2, 2011

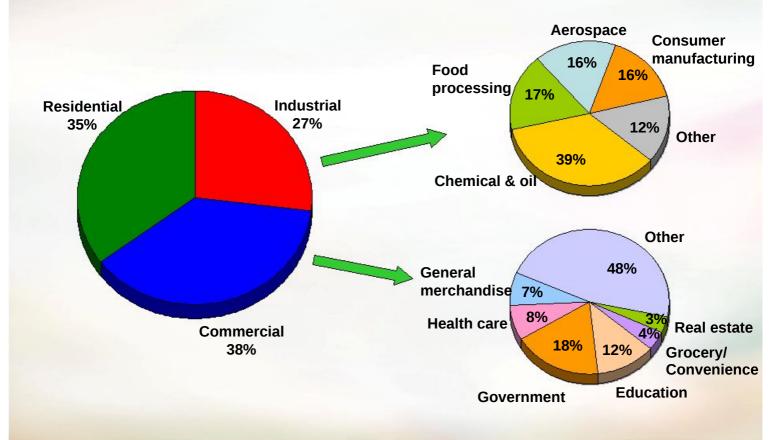
# Favorable Supply Portfolio

Citi Utility Conference June 2, 2011



23

# Diverse Energy Sales (MWh)

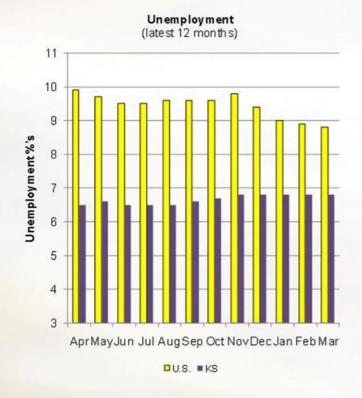


**Citi Utility Conference June 2, 2011** 

24



## **Strong Service Territory**



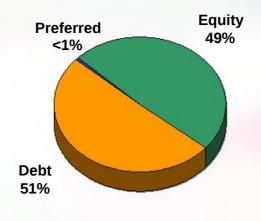
- Overall economic conditions significantly better than nation
  - No real estate crash
  - State unemployment remains 2+ pts favorable to nation
- Industrial sales showing signs of recovery
  - Sales continue to be up 6% over rolling 12 month period ending March 2011
- Pentagon awards refueling tanker contract to Boeing
  - Benefits Wichita and Kansas economy

## Capitalization and Liquidity

- Target <50/50 capital structure</li>
- Solid investment grade credit
- Total credit facility capacity \$1 billion

0-	Secured	Unsecured	Outlook
Moody's	Baa1	Baa3	Positive
Fitch Ratings	BBB+	BBB	Positive
Standard & Poor's	BBB+	BBB	Stable

No bonds mature before 2014



March 31, 2011 (a) (millions)

Long-term, net	\$2,491
Preferred	21
Common	2,409
<b>Total Capitalization</b>	\$4,921

(a) Capitalization excludes short-term debt and adjustments for VIEs

## Dividend

- Quarterly dividend increased 3% effective April 1
- Long-standing dividend payout target of 60%-75% of earnings
  - 2011 guidance implies payout at upper end of range



**Citi Utility Conference June 2, 2011** 

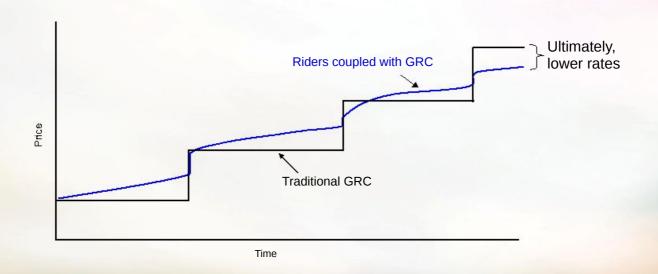
## Westar's Value Proposition

- Solid, transparent business strategy
- Strong, experienced utility management team
- Thoughtful, disciplined approach to operations, capital planning and financing
- Constructive regulatory and policy environment
  - Results in lower prices for customers
  - Provides investors clarity
- Focus on containing risks and maintaining returns
- Diverse customer base and stable service territory



# Regulatory Approach

- A sound regulatory and energy policy platform
  - KCC and FERC
- Ultimately results in lower rates for customers



30

**Citi Utility Conference June 2, 2011** 



# Methods of Cost Recovery

	Revenue Requirement	Method of Recovery	Comment
1.	Fuel, purchased power and environmental consumables	Quarterly adjustment based on forecasted cost, with annual true-up	Adjusts prices for actual costs, protecting both customers and investors from mispricing
2.	Environmental capital	Environmental Cost Recovery Rider adjusts annually	Allows annual price adjustment to reflect capital costs for investments in emission controls
3.	Transmission rate recovery	FERC formula rate adjusts annually; companion retail tariff to reflect current revenue requirement	Timely recovery of transmission system operating and capital costs
4.	General capital investments	Traditional rate case, but with predetermination and CWIP	Typical rate case reflects current level of operating expenses and most recent plant investment
5.	Property taxes	Annual adjustment to reflect current property taxes	Allows timely recovery of actual property tax costs in current rates
6.	Extraordinary storm damages	Traditionally deferred accounting treatment as rate base	Smoothes period expenses for extraordinary storm restoration costs
7.	Pension expenses	Deferred as a regulatory asset for subsequent recovery	Smoothes period expenses in excess of amount in base rates
8.	Energy efficiency programs	Deferred as a regulatory asset for subsequent recovery	Smoothes period expenses for energy efficiency programs

## Retail Energy Cost Adjustment (RECA)

- Provides timely price adjustments for fuel and purchased power costs
- Retail rates based on forecast of fuel and purchased power costs and retail sales
  - Set quarterly
  - Difference between forecast and actual is deferred
    - · Quarterly approach produces more stable prices
    - · Annual settlement of deferred balance
- RECA also used to rebate wholesale margins as a credit to retail cost of service
  - Energy Marketing (i.e., non-asset) margins continue to be excluded from rate setting



## **Environmental Cost Recovery Rider Mechanics**

- ECRR adjusts retail rates annually to reflect capital investments in emission controls
  - Investments as of December 31 recovered in rates subsequent June
  - Eliminates need to file a rate case to capture rate base additions
    - Return of and on capital that is in service December 31
    - Return on capital not yet placed in service December 31 (i.e., CWIP)
- ECRR reduces regulatory lag
  - Regulatory lag limited to months, rather than longer lag typically associated with traditional rate case filings



## Illustrative ECRR Mechanics

Clean Air Investment (1)	2008		2009		2010	2011	2012	2013
Year 1 Investment Year 2 Investment	\$ 238.4	\$	85.2					
Year 3 Investment		Ψ	00.2	\$	111.7			
Year 4 Investment				*	1.1.1.1	\$ 244.1		
Year 5 Investment							\$ 375.1	
Year 6 Investment								\$ 349.4
Environmental Investment	\$ 238.4	\$	323.6	\$	435.3	\$ 679.4	\$ 1,054.5	\$ 1,403.9
Accumulated Depreciation Clean Air Investment								
Depreciation on Year 1 Investment	\$ 4.8	\$	9.5	\$	9.5	\$ 9.5	\$ 9.5	\$ 9.5
Depreciation on Year 2 Investment			1.7		3.4	3.4	3.4	3.4
Depreciation on Year 3 Investment					2.2	4.5	4.5	4.5
Depreciation on Year 4 Investment						4.9	9.8	9.8
Depreciation on Year 5 Investment							7.5	15.0
Depreciation on Year 6 Investment								7.0
Annual Depreciation	\$ 4.8	\$	11.2	\$	15.2	\$ 22.3	\$ 34.7	\$ 49.2
Total Accum Depreciation for Environmental Investment	\$ 4.8	\$	16.0	\$	31.2	\$ 53.5	\$ 88.2	\$ 137.3
Environmental Investment, net of Accum. Depreciation	\$ 233.6	\$	307.6	\$	404.1	\$ 625.9	\$ 966.3	\$ 1,266.6
Return on prior YE investment balance (2) Return of prior YE investments completed		\$	28.0 4.8	\$	36.9 11.2	\$ 48.5 15.2	\$ 75.1 22.3	\$ 116.0 34.7
Annual ECRR Revenue Requirement		\$	32.8	\$	48.2	\$ 63.7	\$ 97.4	\$ 150.6
Estimated calendar year revenue recognition (3)		\$	19.1	\$	41.8	\$ 57.2	\$ 83.3	\$ 128.5
Cumulative ECRR revenue recognition		\$	19.1	\$	60.9	\$ 118.1	\$ 201.4	\$ 329.9

<sup>(1)</sup> Illustration reflects only the projects publicly announced and assumes one-half of annual investment in service at year end



<sup>(2)</sup> Illustration uses <12% pretax return and 4% depreciation recovery

<sup>(3)</sup> Annual ECRR Tariff is effective June 1; assume Jan-May at prior year revenue requirement and Jun-Dec at new revenue requirement

## Transmission Cost Recovery

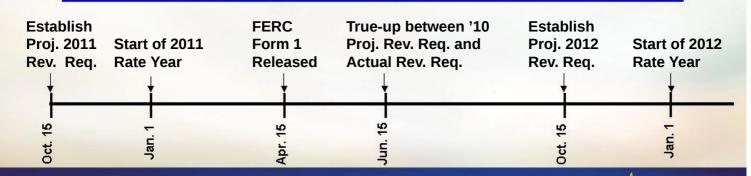
- FERC formula transmission rate
  - Changes in cost of service reflected in annual update of FERC tariff
    - Update posted each October using projected test year
      - Capital expenditures
      - O&M
      - Tariff based on year-end consolidated capital structure
    - FERC transmission changes effective January 1
    - Allowed ROE 11.3%
    - Annual true-up compares projected revenue requirement to actual, with difference incorporated into next update
  - Incentives on recently completed central Kansas line
    - 12.3% ROE
    - Accelerated book depreciation of 15 vs. 45 years
- Transmission Delivery Charge (TDC)
  - Retail rates adjusted to match changes to FERC tariff



#### Transmission Formula Rate Mechanics

- Fixed formula with changing inputs
  - Updated annually using Form 1 data
  - Established protocols for updates
- · Uses projected test year
  - Rate base (based on 13 month average)
  - O&M, depreciation and taxes
  - Cost of debt
- Annual true-up incorporated in subsequent year's formula inputs

#### **Transmission Formula Rate Time Line**



Citi Utility Conference June 2, 2011

36

## Statutes for Predetermination and CWIP

- Predetermination
  - Utilities can obtain order establishing ratemaking principles that will apply over the life of the asset
- Construction Work in Progress (CWIP)
  - Utilities can include CWIP in rate cases



## **Pension Tracker**

- Defer as regulatory asset shortfall between funding of GAAP pension/OPEB expense and pension/OPEB currently authorized in rates
- Maintain minimum funding level equal to GAAP pension/OPEB expense
- Recover deferred expenses through multi-year amortization as part of next rate case



## **Energy Efficiency Initiatives**

- SmartStar Lawrence smart grid project
  - Installing <48,000 "smart" meters</p>
  - Advanced outage management system
  - Total project cost of <\$40 million</p>
    - Reduced by 50% DOE match
  - Expect to implement over 2 3 years
- Deferred accounting for the cost of energy efficiency initiatives, such as
  - Smart thermostats
  - Customer educational programs
  - Demand response programs



## Kansas' Renewable Requirements

- Renewable Portfolio Standard established
  - Installed capability standard in lieu of energy standard
    - 10% of *peak load* by 2011, 15% by 2016 and 20% after 2020
  - If generated in Kansas, treated at 110% of requirement
  - Relief from standard possible if costs would increase prices >1%
    - Potential to offset with RECs for initial period
- · Limited net metering
  - Limited to 1% of peak demand
  - Customer's net metered sales can't produce net negative sales
- Environmental predictability
  - Legislation precludes state air emission levels from being more stringent than federal standards

# Capital Structure for Ratemaking (Per Recent Orders)

### KCC

	Capitalization <u>Ratio</u>	Cost of Capital	Weighted Cost of Capital	Pre-tax Weighted Cost of Capital
Long-term debt	48.66%	6.55%	3.19%	3.19%
Preferred	0.51	4.55	.02	.04
Common	<u>50.83</u>	10.40	5.29	8.77
	100.00%		8.50%	12.00%

### **FERC Transmission**

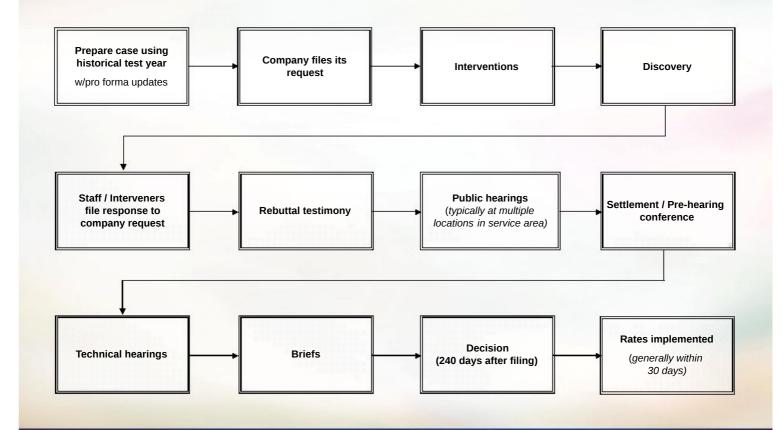
	Capitalization <u>Ratio</u>	Cost of Capital	Weighted Cost of Capital	Pre-tax Weighted Cost of Capital
Long-term debt	52.38%	6.13%	3.21%	3.21%
Preferred	0.45	4.52	.02	.03
Common	<u>47.17</u>	11.30 <sup>(1)</sup>	_5.33	8.82
	100.00%		8.56%	12.06%

<sup>(1)</sup> Incentive ROE of 12.3% for applicable rate base

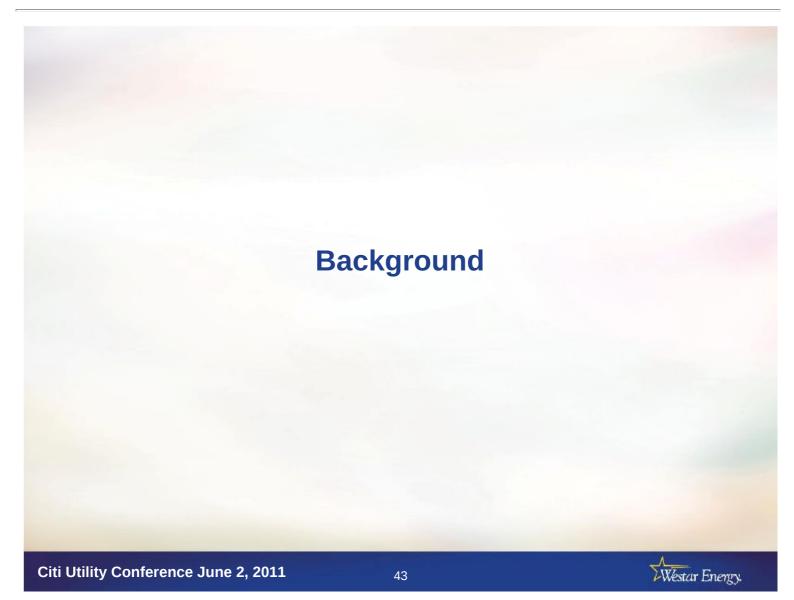


## **General Rate Case Process**

Citi Utility Conference June 2, 2011

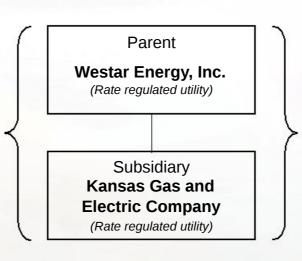


42



## Westar Energy Legal Structure

Combined company does business under the name "Westar Energy"

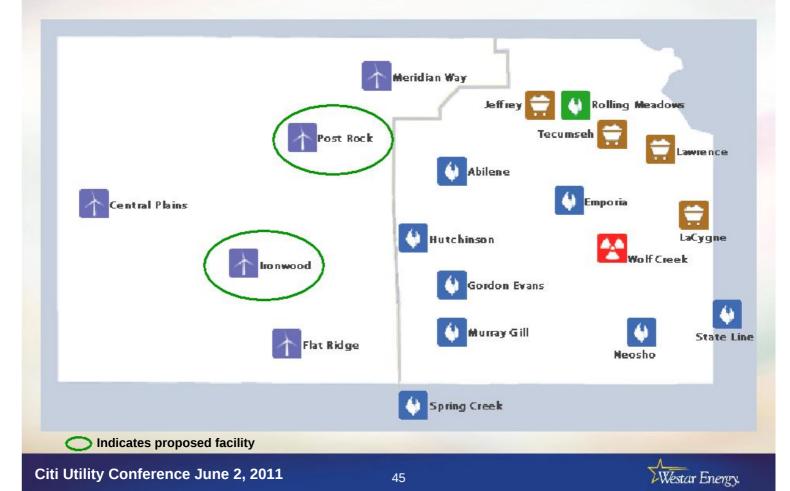


Consolidated capital structure is used for ratemaking

**Citi Utility Conference June 2, 2011** 



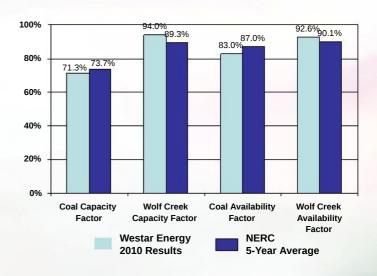
## Westar's Generating Resources



## Westar's Plants

	Westar's	Operator	Veera Installed
Pulverized coal	MW	<u>Operator</u>	Years Installed
Jeffrey Energy Center	1,992	Westar	1978, 1980, 1983
Lawrence Energy Center	531	Westar	1954, 1960, 1971
Tecumseh Energy Center	205	Westar	1957, 1962
LaCygne Station	709	KCPL	1973, 1977
Nuclear			
Wolf Creek	544	WCNOC (1)	1985
Gas steam turbine			
Gordon Evans Energy Center	539	Westar	1961, 1967
Hutchinson Energy Center	167	Westar	1965
Murray Gill Energy Center	293	Westar	1952, 1954, 1956, 1959
Gas combustion turbine			
Abilene Energy Center	68	Westar	1973
Gordon Evans Energy Center	294	Westar	2000, 2001
Hutchinson Energy Center	230	Westar	1974, 1975
Spring Creek Energy Center	279	Westar	2001
Tecumseh Energy Center	37	Westar	1972
Emporia Energy Center	663	Westar	2008, 2009
Gas combined cycle			
State Line	201	EDE Co.	2001
Wind			
Meridian Way	96	Horizon (2)	2008
Central Plains	99	Westar	2009
Flat Ridge	100	Westar (3)	2009
Available generation	Ť		
At Dec. 31, 2010	7,047		

#### **Plant Performance**



- (1) Wolf Creek Nuclear Operating Company is a company formed specifically to operate Wolf Creek for its owners. WCNOC is governed by a board of directors consisting of the CEO of WCNOC and senior executives of the plant owners.
  (2) 100% of generation purchased under Power Purchase Agreement (PPA)
  (3) 50% owned and 50% of generation purchased under PPA from BP Alternative Energy

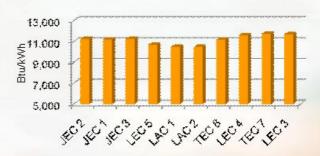
### Low-Cost Coal Fleet

- Very low fuel cost
  - PRB coal
  - Excellent rail arrangements
  - Proximity to mines
- Low embedded capital cost
- No high-heat rate obsolete plants

#### Low Embedded Cost



#### **Heat Rate**



# Westar Energy Coal Fleet

					Net	Book	
	Capacity	<b>WR Share</b>		<b>Heat Rate</b>	V	alue	
Unit	(MW)	(MW)	Age	(Btu/kWh)	(Mi	llions)	\$ /KW
Jeffrey 2	725	667	30	11,256	\$	154	\$ 231
Jeffrey 1	722	665	32	11,204	\$	166	\$ 250
Jeffrey 3	716	659	27	11,265	\$	255	\$ 387
Lawrence 5	371	371	39	10,713	\$	71	\$ 190
La Cygne 1	736	368	37	10,497	\$	114	\$ 309
La Cygne 2 <sup>(a)</sup>	682	341	33	10,500	\$	14	\$ 41
Tecumseh 8	129	129	48	11,189	\$	17	\$ 134
Lawrence 4	108	108	50	11,605	\$	47	\$ 438
Tecumseh 7	73	73	53	11,749	\$	26	\$ 359
Lawrence 3	50	50	56	11,707	\$	26	\$ 509
		3,431					

<sup>(</sup>a) Subject to lease agreement

# Westar Coal Fleet Emission Control Equipment

Unit	Scrubber	Precipitator	Fabric Filter	Low NOx	SCR
Jeffrey 1	Yes	Yes	No plans	Yes	Planned
Jeffrey 2	Yes	Yes	No plans	Planned	No plans
Jeffrey 3	Yes	Yes	No plans	Yes	No plans
La Cygne 1	Yes	NA	Planned	Yes	Yes
La Cygne 2	Planned	Yes	Planned	Planned	Planned
Lawrence 3	No plans	Yes	No plans	Planned	No plans
Lawrence 4	Yes	NA	Planned	Planned	No plans
Lawrence 5	Yes	NA	Planned	Planned	No plans
Tecumseh 7	No plans	Yes	No plans	Planned	No plans
Tecumseh 8	No plans	Yes	No plans	Planned	No plans

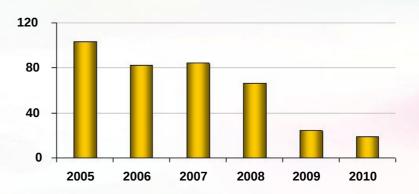
NA - Not Applicable

No present projects underway for CO2

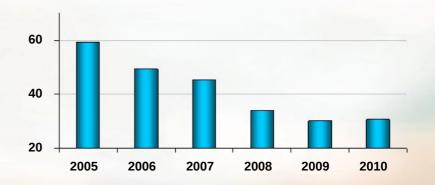


## Dramatic Improvement in Air Quality

Sulfur Dioxide ↓ 82% (000 tons)



Nitrogen Oxide ↓ 48% (000 tons)



Citi Utility Conference June 2, 2011



## **Coal Supply**

## Westar-operated plant fuel supply (80%)

- JEC supply under contract through 2020 (10+ million tons/year)
  - 70% has no market openers
  - 30% reopened on price every 5 years
    - Next re-pricing will occur in 2013
  - All volumes have cost escalators
  - Rail contract through 2013
- LEC/TEC supply under contract until 2012 (3.5 million tons/year)
  - 100% at fixed price or capped through 2012
    - Rail contract through 2013

## Co-owned plant fuel supply managed by GXP (20%)

LAC supply (3 million tons/year)

