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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-K**

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**CURRENT REPORT**

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

**Date of Report (Date of earliest event reported) March 23, 2011**

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**WESTAR ENERGY, INC.**

(Exact name of registrant as specified in its charter)

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**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)

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Check 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))
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**Section 7. Regulation FD**

**Item 7.01. Regulation FD Disclosure.**

On March 23, 2011, we will hold a series of meetings with investors in Boston, Massachusetts. 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, <http://www.WestarEnergy.com>. 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**

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.

**Westar Energy, Inc.**

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

Date: March 23, 2011

EXHIBIT INDEX

Exhibit  
Number

Description of Exhibit

Exhibit 99.1

Westar Energy, Inc. presentation slides



## JP Morgan Corporate Access

March 24, 2011  
Boston, MA

## Forward Looking Disclosures

Forward-looking statements: Certain matters discussed in this presentation are “forward-looking 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 Westar Energy believes that its 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) 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.

## Recent Events

- Reported strong 2010 results well above last year
- Issued 2011 earnings guidance of \$1.65 to \$1.80
- Dividend increased for 7<sup>th</sup> consecutive year
- Add \$270 million revolving credit facility
- Issue 2011-2013 capital expenditure forecast
- New KCC commissioner appointed
- Outline active 2011 regulatory agenda

## 2010 Results Well Above 2009

- EPS from continuing operations of \$1.81 vs. \$1.28 last year
- Retail MWh sales increased 6%
  - Above plan
    - Warmer than normal weather
    - Signs of economic recovery
      - Industrials up 6%
- Implemented all planned price adjustments (annualized amts):
  - Abbreviated rate case - \$17 million
  - Transmission adjustments - \$16 million
  - Environmental adjustment - \$14 million
  - Energy efficiency adjustment - \$6 million
- No COLI proceeds in 2010

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

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



## 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



## New \$270 Million Revolving Credit Facility

- Four year maturity
- 2 options to extend term up to 1 year
- Accordion option allows for increase up to \$400 million
- Increased total credit lines to \$1 billion
  - Existing \$730 million facility
  - New \$270 million facility

# Capital Expenditure Forecast 2011 - 2013

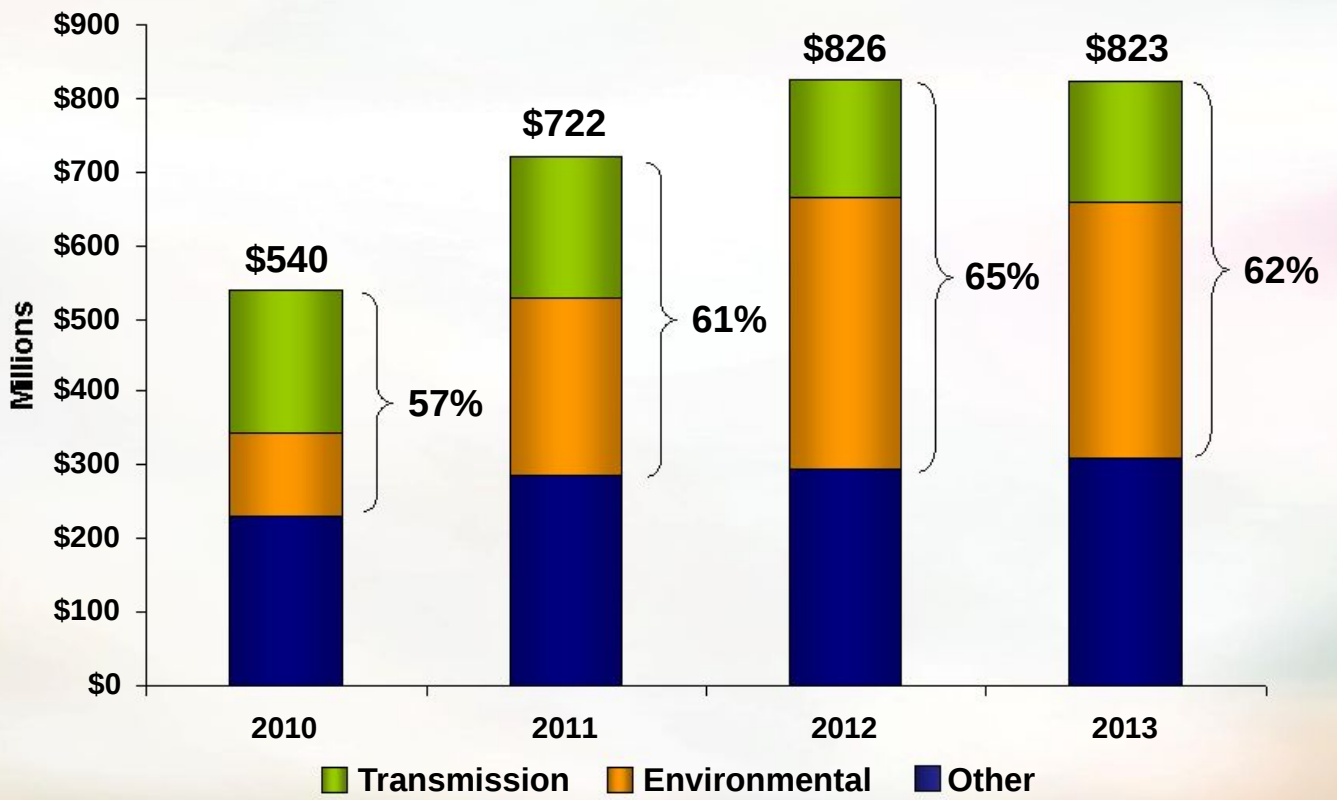
	<u>Actual 2010</u>	<u>Forecast 2011</u>	<u>Forecast 2012</u>	<u>Forecast 2013</u>	<u>Forecast 2011 - 2013</u>	<u>Method of Cost Recovery</u>
Generation replacements and other	\$ 83.4	\$ 130.4	\$ 146.4	\$ 150.6	\$ 427.4	General Rate Case (GRC)
Westar environmental	107.7	181.1	200.1	154.3	535.5	ECRR
La Cygne environmental	3.9	63.0	171.0	195.1	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	78.7	95.9	102.2	106.4	304.5	GRC
Smart grid (a)	10.3	13.6			13.6	GRC
Other	23.5	19.8	15.0	11.0	45.8	GRC
<b>Total</b>	<b>\$ 540.1</b>	<b>\$ 721.6</b>	<b>\$ 826.1</b>	<b>\$ 823.2</b>	<b>\$2,370.9</b>	

(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 included in above forecast amounts).

Prairie Wind Transmission joint venture	\$ 2.7	\$ 22.5	\$ 13.8	\$ 39.0
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# Capital Expenditure Forecast 2011 - 2013



## Cash Flow Guidance

	<b>2011E</b>
	(Millions)
Net income	\$ 205
Depreciation and amortization	285
Cash from operations	<u>490</u>
Less: Cash dividends	145
Internally generated cash	<u>345</u>
Less: CapEx	722
Net cash flow	<u><u>\$ (377)</u></u>

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

## KCC Commissioner Appointed

- Mark Sievers appointed by governor to serve 4-year term
  - Attorney and economist
  - Work experience includes telecommunications industry
- Kansas Corporation Commission
  - Three-member board appointed by governor
  - Serve staggered four year terms
- Current KCC commissioners
  - Thomas Wright
    - Current chairman
    - Term expires March 2014
  - Ward Loyd
    - Term expires March 2012

## Significant Planned Regulatory Agenda

- Seek predetermination for 370MW of renewables
- Update TDC tariff
- KCC docket reviewing retrofit economics for coal plants
- 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

# 2011 Plans



## Seeking Predetermination for 370 MW of Renewables

- Statute requires < 200 MW additional renewables
- Seeking predetermination from KCC for < 370 MW through PPAs
  - 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
- KCC Staff and CURB agree with company's request
- Expect decision in May 2011

## Annualized Rate & Revenue Changes Actual and Estimated

	<u>2010</u>	<u>2011</u> (Estimated)	<u>2012</u> (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	< \$13 million November

## Major Construction Projects Underway

- Environmental
  - Lawrence Energy Center
    - Install fabric filters, rebuild scrubbers, precipitator, low NOx system
  - Jeffery Energy Center
    - Install 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
- SmartStar Lawrence
  - \$40 million project reduced by 50% DOE match
    - Advanced outage management
    - Automated metering infrastructure

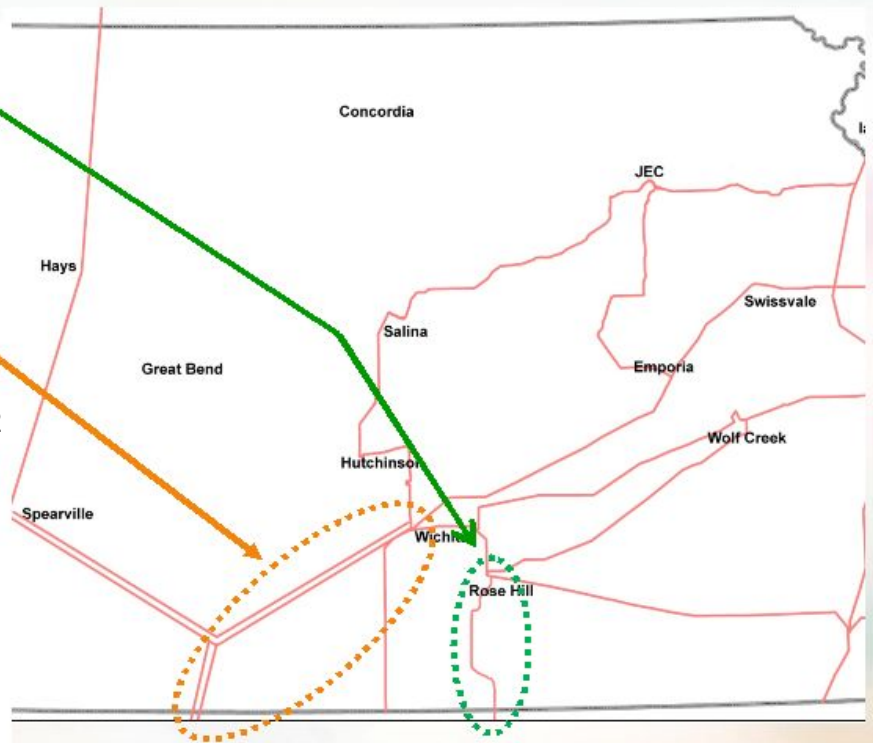
# Projected Rate Base 2010 – 2015 (in billions)



# Transmission

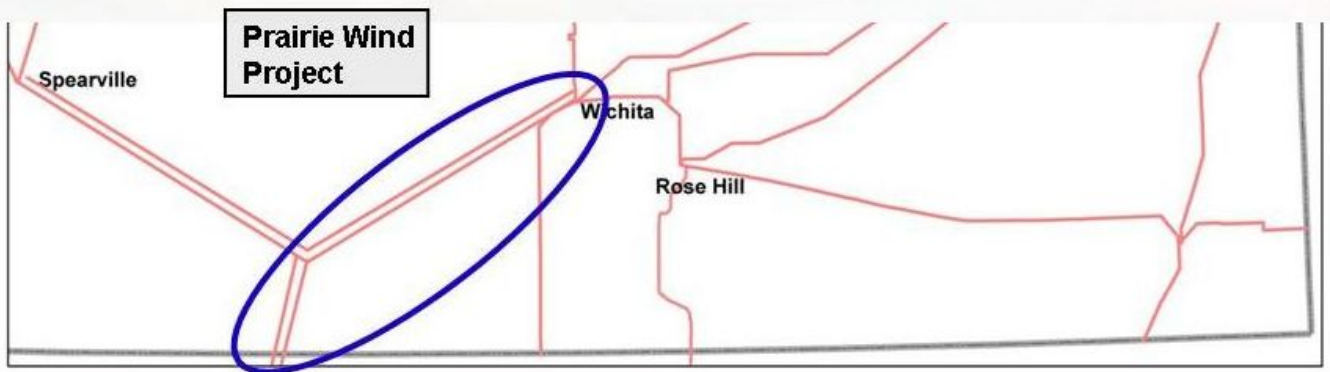
# Major Transmission Investments Underway

- **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
  - Estimated completion 2014
  - Project cost < \$225 million



## Prairie Wind Transmission, LLC

- Joint venture formed between Westar Energy and Electric Transmission America
  - Venture to develop high voltage transmission in Kansas
  - 50% Westar / 50% ETA
    - ETA is joint venture between AEP Transmission Holding Company and MEHC America Transco, LLC (wholly-owned subsidiary of MidAmerican Energy Holdings Company)



## Prairie Wind Transmission, LLC

- Received FERC incentives
  - Abandonment costs
  - Recovery of pre-commercial development costs
  - CWIP recovery in rate base
  - 50/50 capital structure
  - Allowed ROE of 12.8%
- KCC
  - Siting request filed Feb 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



## Prairie Wind JV Next Steps and Tentative Schedule

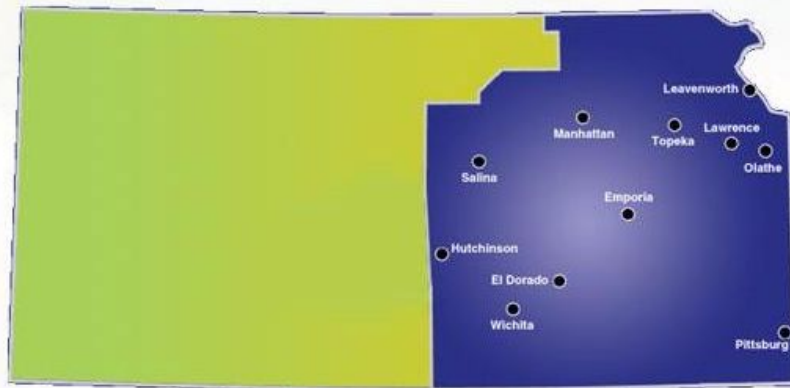
- Obtain siting authority from KCC
- Engineer and design
- Acquire rights-of-way
- Construction
  - Anticipated to start by mid 2012
  - Target completion late 2014

# Profile

## 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***

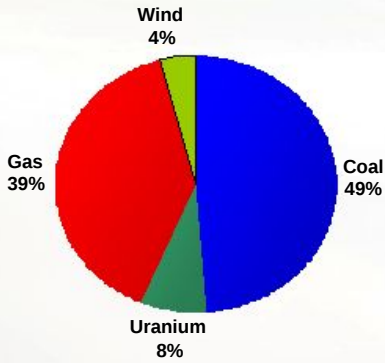
## Kansas' Largest Electric Provider



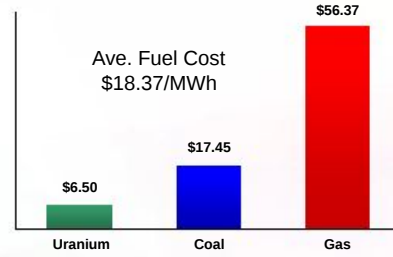
- Pure-play, vertically integrated, rate-regulated
  - < 7,000 MW of generation
  - 6,200 miles transmission
  - 687,000 customers

# Favorable Supply Portfolio

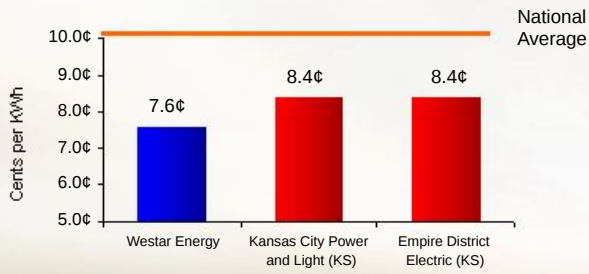
## MW Capacity



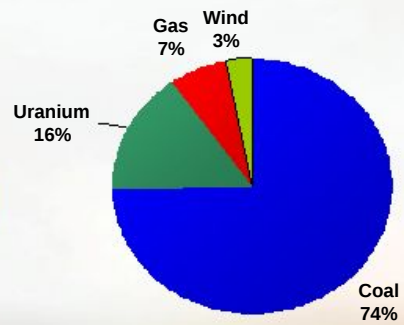
## Cost of Fuel



## Low Rates

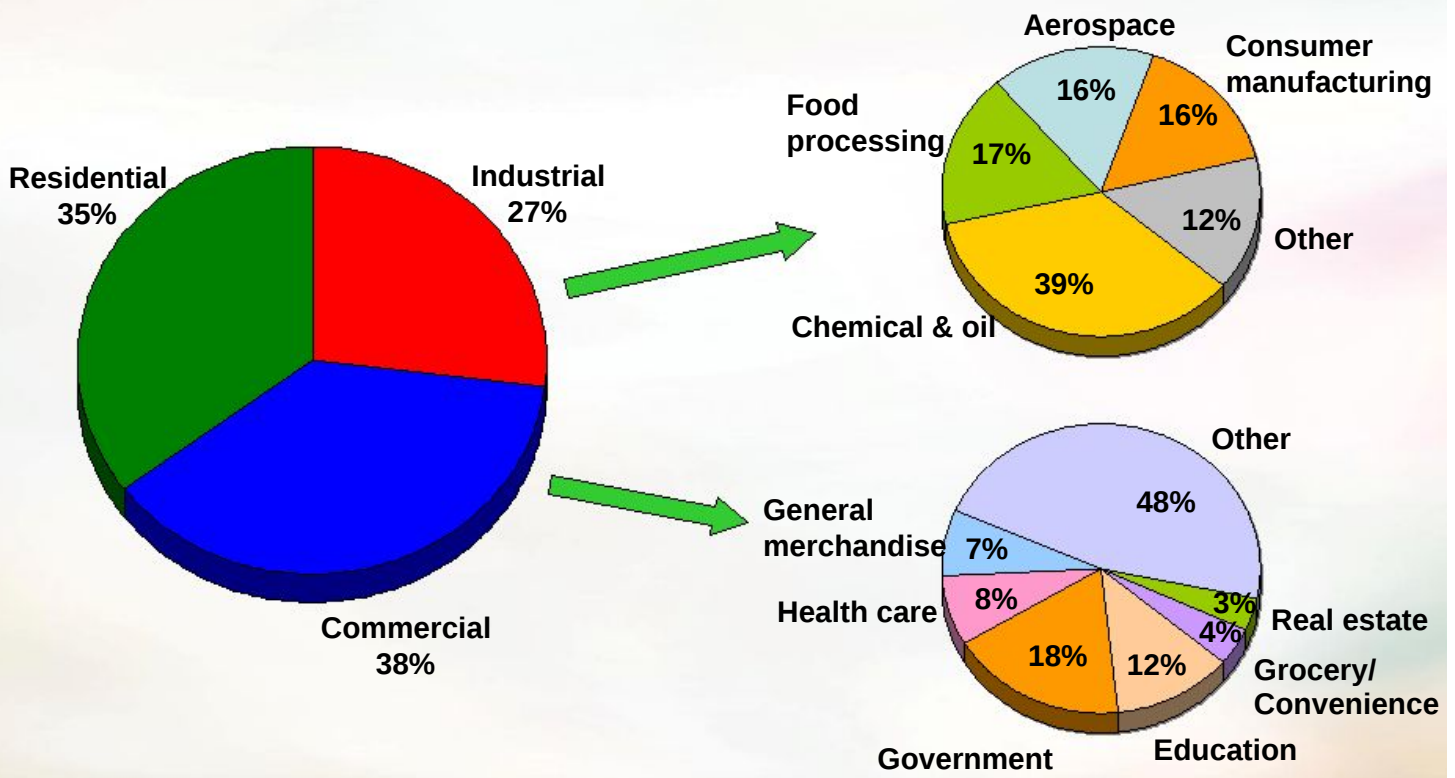


## Fuel Mix

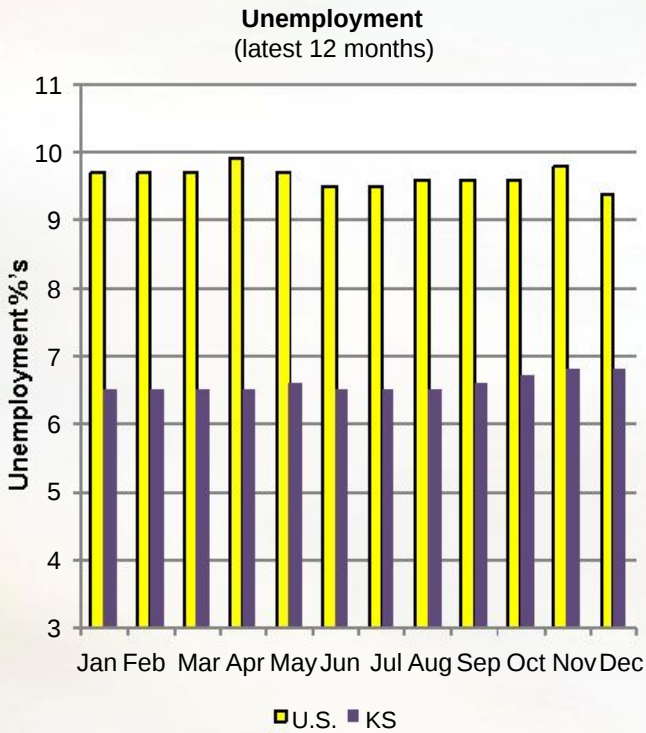


Source: Edison Electric Institute 07/01/2010

# Diverse Energy Sales (MWh)



# Strong Service Territory



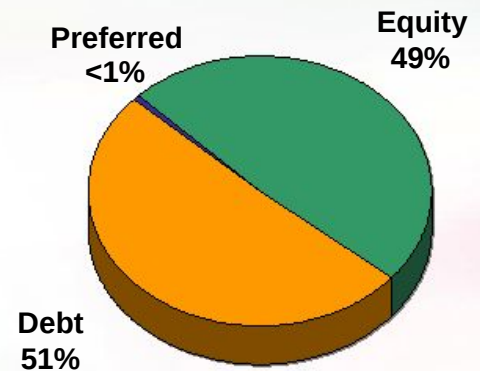
- Overall economic conditions significantly better than nation
  - No real estate crash
  - State unemployment remains 2+ pts favorable to nation
- Industrial sales showing signs of recovery
  - '10 up 6% over '09 levels
- Pentagon awards refueling tanker contract to Boeing
  - Benefits Wichita and Kansas economy

## Capitalization and Liquidity

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

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

- No bonds mature before 2014



December 31, 2010 <sup>(a)</sup>  
(millions)

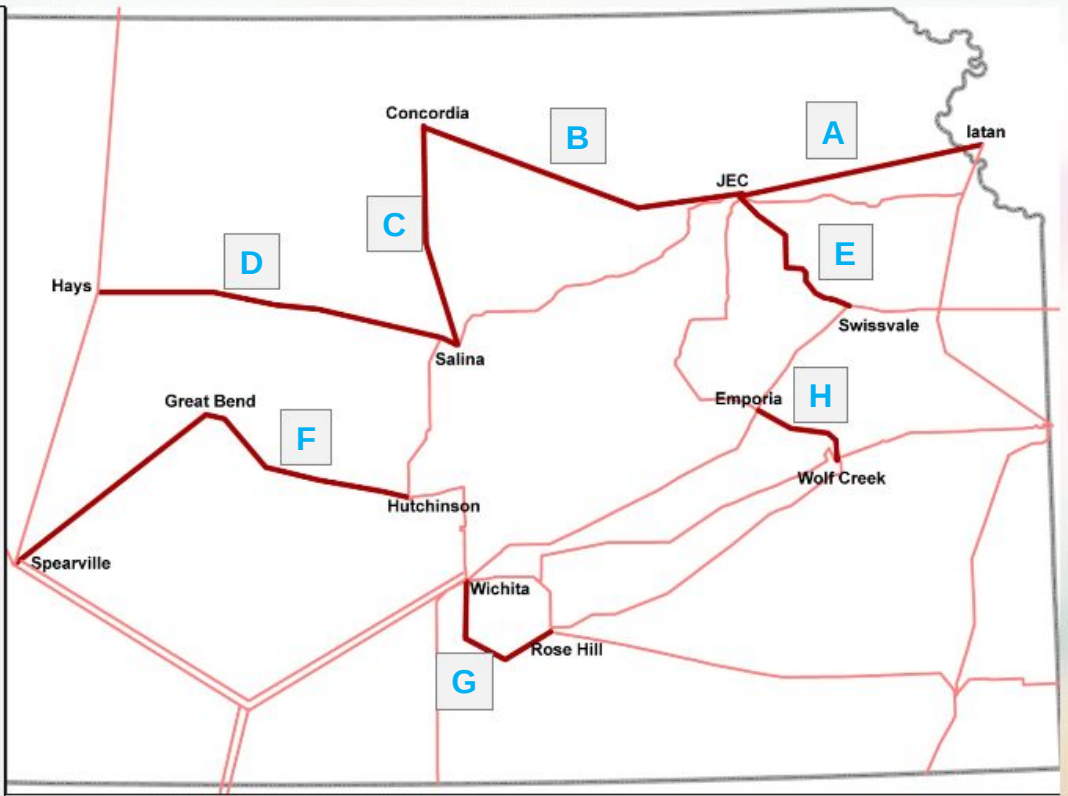
<b>Long-term, net</b>	<b>\$2,491</b>
<b>Preferred</b>	<b>21</b>
<b>Common</b>	<b><u>2,383</u></b>
<b>Total Capitalization</b>	<b>\$4,895</b>

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



# Potential for High Voltage Transmission Growth

- A. JEC to Iatan 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



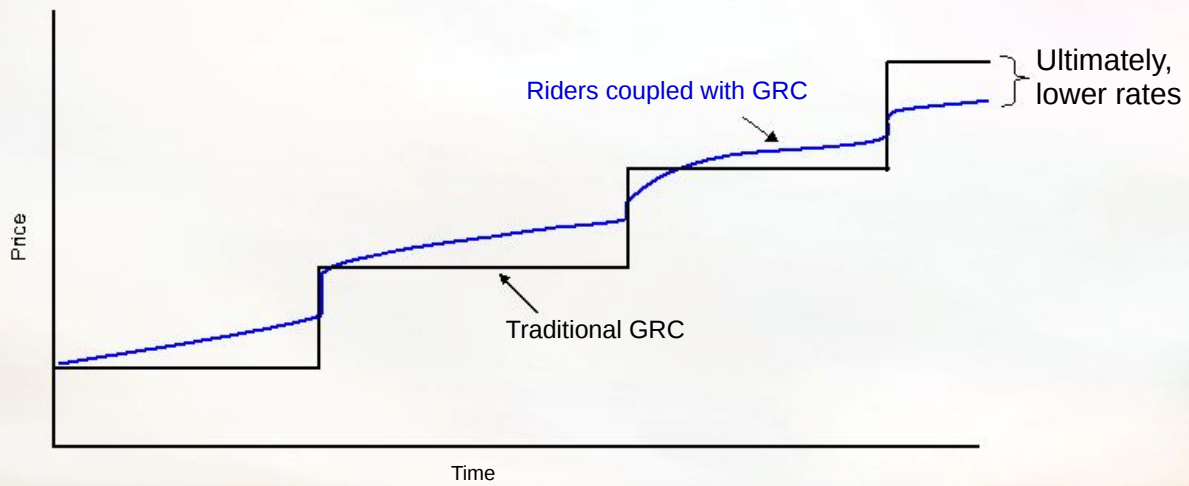
## Westar's Value Proposition

- 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

# Rates and Regulation

## Regulatory Approach

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



## Methods of Cost Recovery

	<b>Revenue Requirement</b>	<b>Method of Recovery</b>	<b>Comment</b>
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	Smooths period expenses for extraordinary storm restoration costs
7.	Pension expenses	Deferred as a regulatory asset for subsequent recovery	Smooths period expenses in excess of amount in base rates
8.	Energy efficiency programs	Deferred as a regulatory asset for subsequent recovery	Smooths 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

	2008	2009	2010	2011	2012	2013
<b>Clean Air Investment (1)</b>						
Year 1 Investment	\$ 238.4					
Year 2 Investment		\$ 85.2				
Year 3 Investment			\$ 111.7			
Year 4 Investment				\$ 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
<b>Accumulated Depreciation Clean Air Investment</b>						
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
<b>Return on prior YE investment balance (2)</b>		\$ 28.0	\$ 36.9	\$ 48.5	\$ 75.1	\$ 116.0
<b>Return of prior YE investments completed</b>		4.8	11.2	15.2	22.3	34.7
<b>Annual ECRR Revenue Requirement</b>		\$ 32.8	\$ 48.2	\$ 63.7	\$ 97.4	\$ 150.6
<b>Estimated calendar year revenue recognition (3)</b>		\$ 19.1	\$ 41.8	\$ 57.2	\$ 83.3	\$ 128.5
<b>Cumulative ECRR revenue recognition</b>		\$ 19.1	\$ 60.9	\$ 118.1	\$ 201.4	\$ 329.9

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

(2) Illustration uses ≈12% pretax return and 4% depreciation recovery

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



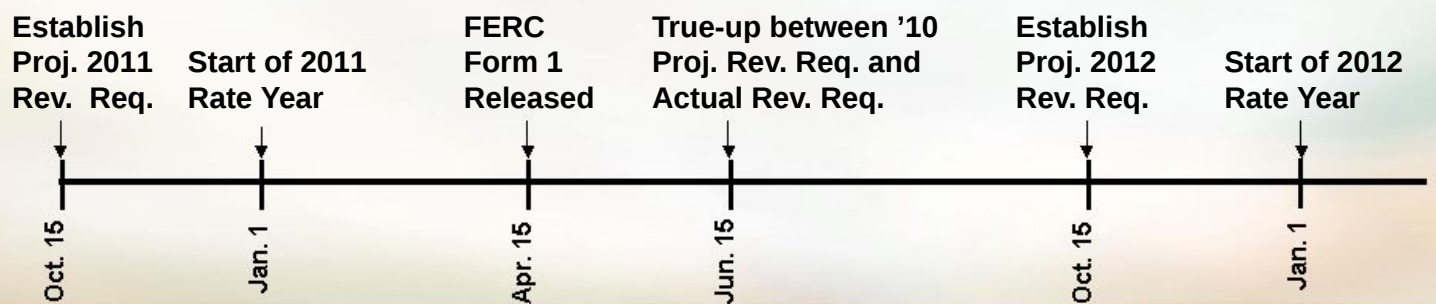
## Transmission Cost Recovery

- 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



## 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
  - Advanced outage management system
  - Total project cost of < \$40 million
    - 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
      - Implies additional 150 to 200 MW for Westar
  - 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

	<u>Capitalization Ratio</u>	<u>Cost of Capital</u>	<u>Weighted Cost of Capital</u>	<u>Pre-tax Weighted Cost of Capital</u>
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	<u>5.29</u>	<u>8.77</u>
	100.00%		8.50%	12.00%

### FERC Transmission

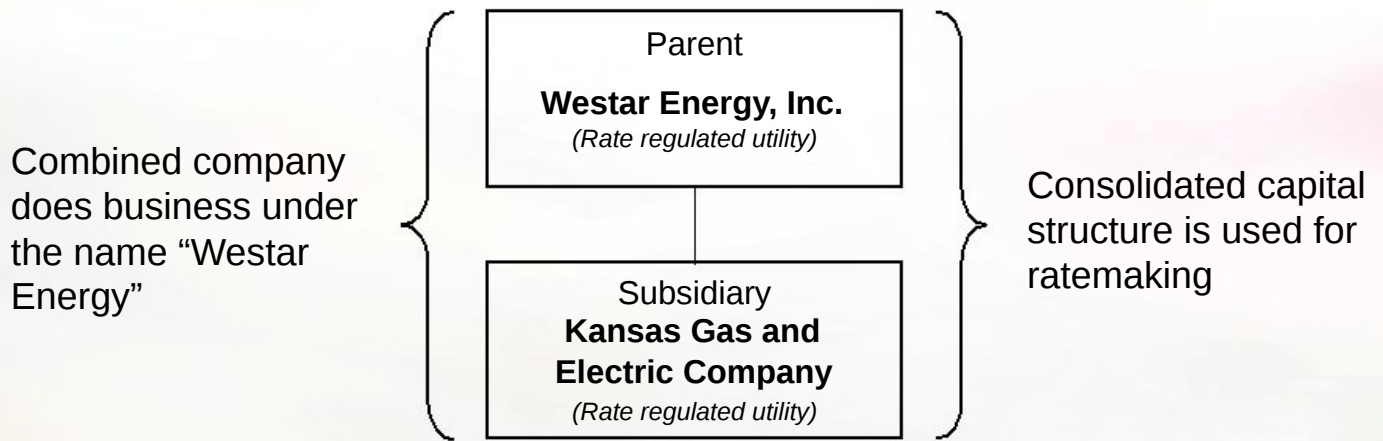
	<u>Capitalization Ratio</u>	<u>Cost of Capital</u>	<u>Weighted Cost of Capital</u>	<u>Pre-tax Weighted Cost of Capital</u>
Long-term debt	52.38%	6.13%	3.21%	3.21%
Preferred	0.45	4.52	.02	.03
Common	<u>47.17</u>	11.30 <sup>(1)</sup>	<u>5.33</u>	<u>8.82</u>
	100.00%		8.56%	12.06%

(1) Incentive ROE of 12.3% for applicable rate base

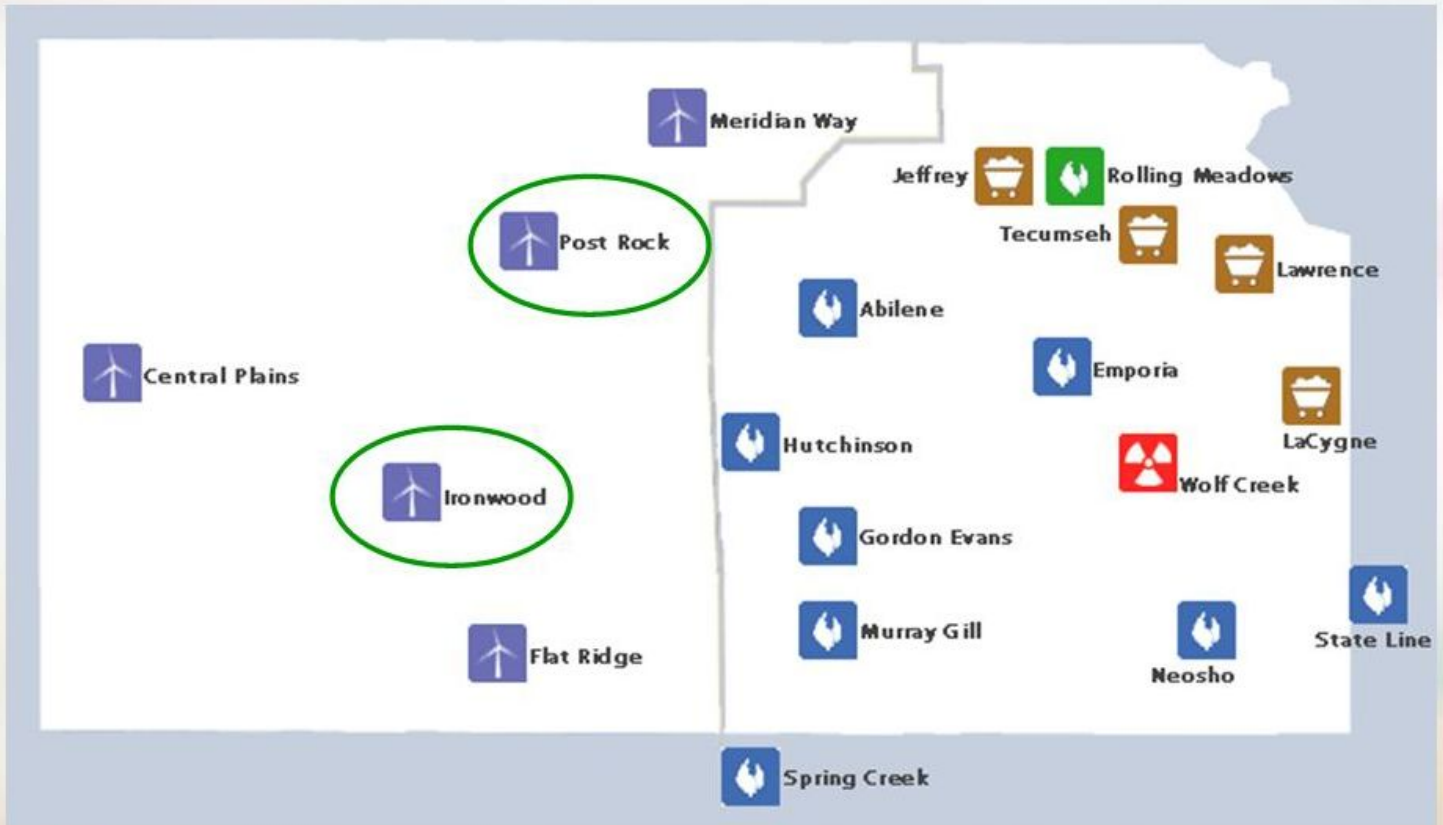
# Background



# Westar Energy Legal Structure



# Westar's Generating Resources



○ Indicates proposed facility

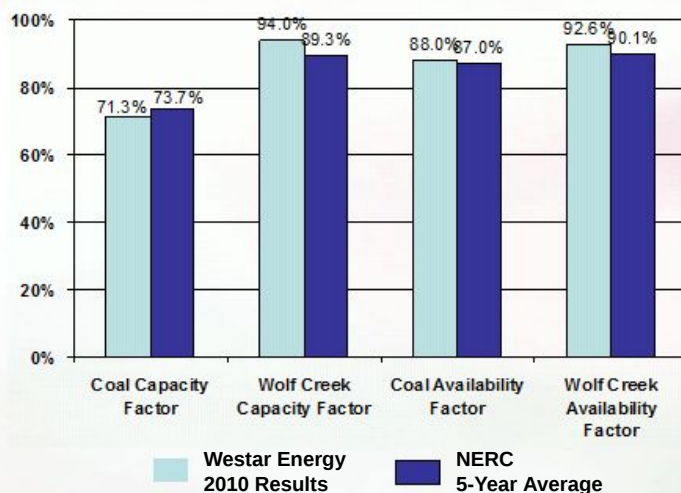
# Westar's Plants

	Westar's MW	Operator	Years Installed
<b>Pulverized coal</b>			
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
<b>Nuclear</b>			
Wolf Creek	544	WCNOC (1)	1985
<b>Gas steam turbine</b>			
Gordon Evans Energy Center	539	Westar	1961, 1967
Hutchinson Energy Center	167	Westar	1965
Murray Gill Energy Center	293	Westar	1952, 1954, 1956, 1959
<b>Gas combustion turbine</b>			
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
<b>Gas combined cycle</b>			
State Line	201	EDE Co.	2001
<b>Wind</b>			
Meridian Way	96	Horizon (2)	2008
Central Plains	99	Westar	2009
Flat Ridge	100	Westar (3)	2009

<b>Available generation</b> At Dec. 31, 2009	7,047
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- (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

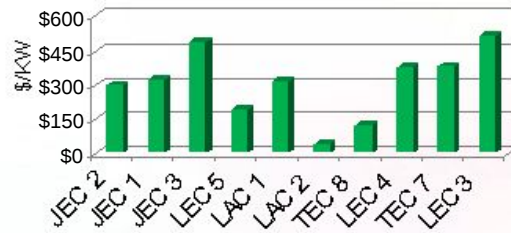
## Plant Performance



# Low-Cost Coal Fleet

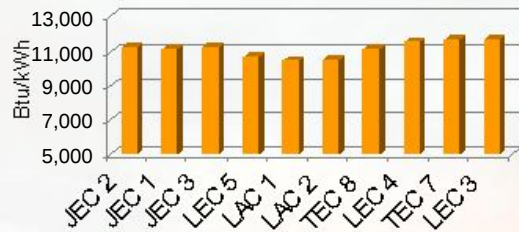
- Very low fuel cost
  - PRB coal
  - Excellent rail arrangements
  - Proximity to mines
- Low embedded capital cost
- No high-heat rate obsolete plants

## Low Embedded Cost



LAC 2 subject to lease agreement

## Heat Rate



## Westar Energy Coal Fleet

Unit	Capacity (MW)	WR Share (MW)	Age	Heat Rate (Btu/kWh)	Net Book Value (Millions)	\$/KW
Jeffrey 2	725	667	30	11,256	\$ 200	\$ 300
Jeffrey 1	722	665	32	11,204	\$ 216	\$ 325
Jeffrey 3	716	659	27	11,265	\$ 325	\$ 493
Lawrence 5	371	371	39	10,713	\$ 72	\$ 194
La Cygne 1	736	368	37	10,497	\$ 117	\$ 318
La Cygne 2 <sup>(a)</sup>	682	341	33	10,500	\$ 14	\$ 41
Tecumseh 8	129	129	48	11,189	\$ 16	\$ 124
Lawrence 4	108	108	50	11,605	\$ 41	\$ 380
Tecumseh 7	73	73	53	11,749	\$ 28	\$ 384
Lawrence 3	50	50	56	11,707	\$ 26	\$ 520
		3,431				

(a) Subject to lease agreement

# Westar Coal Fleet Emission Control Equipment

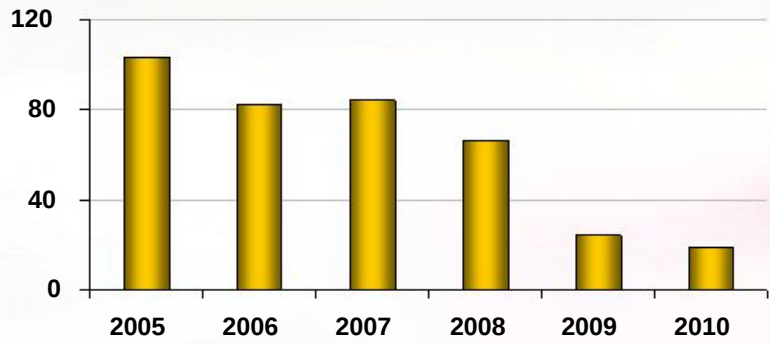
Unit	Scrubber	Precipitator	Fabric Filter	Low NOx	SCR
Jeffrey 1	Yes	Yes	No plans	Yes	Planned
Jeffrey 2	Yes	Yes	No plans	Planned	No plans
Jeffrey 3	Yes	Yes	No plans	Yes	No plans
La Cygne 1	Yes	NA	Planned	Yes	Yes
La Cygne 2	Planned	Yes	Planned	Planned	Planned
Lawrence 3	No plans	Yes	No plans	Planned	No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

NA - Not Applicable

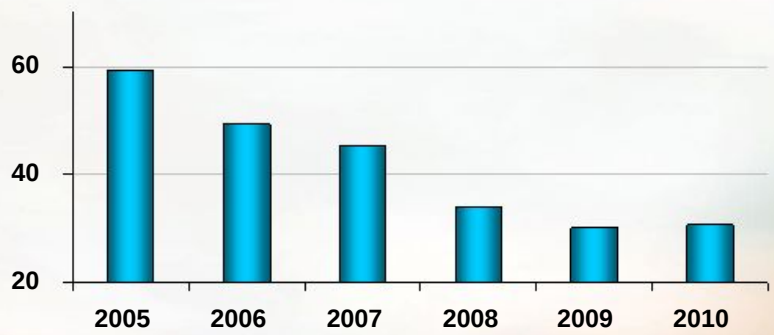
No present projects underway for CO2

# Dramatic Improvement in Air Quality

**Sulfur Dioxide ↓ 76%**  
(000 tons)



**Nitrogen Oxide ↓ 49%**  
(000 tons)



## Coal Supply

### Westar-operated plant 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 supply managed by GXP (20%)

- LAC supply (3 million tons/year)