

TVA's Renewable Resource Portfolio

	Renewable Resource	Capacity ¹ , MW	Energy ¹ , MWh
TVA-owned Renewable Resources	Hydro	3,841 ²	11,421,109
	Wind	2 ⁴	779
	Solar	<1 ⁴	235
	Wastewater Treatment Gas Co-firing at Allen Fossil Plant	3 ³	28,430
	Wood-waste Co-firing at Colbert Fossil Plant	<1 ³	468
	Energy Efficiency Savings	52	357,514
	Total TVA-owned Renewables	3,898	11,808,535
Purchased Renewable Resources	Hydro purchased from Southeastern Power Administration and Alcoa	538 ³	2,879,691
	Landfill Methane Gas purchased from Chestnut Ridge and Middle Point Landfills	5 ³	28,969
	Wind purchased from Invenergy	27 ⁴	50,286
	<i>Generation Partners</i> ⁵ Wind	<1 ⁴	8
	<i>Generation Partners</i> ⁵ Solar	<1 ⁴	539
	Total Purchased Renewables	571	2,959,493
FY2009 Total TVA-owned & Purchased Renewables		4,469	14,768,028
Future Purchased Renewable Resources	Wind purchased from Invenergy, CPV, Horizon, and Iberdrola	1,380 ⁴	4,712,367 (Estimated)
Estimated Future Total TVA-owned & Purchased Renewables		5,849	19,480,395 (Estimated)

Footnotes:

1. Capacity shown is rounded to the nearest MW and generation shown is rounded to the nearest MWh. Individual items may not sum exactly to totals due to rounding.
2. Capacity shown is summer-net capability as of 09/30/2009.
3. Capacity shown is estimated based on typical energy generated or purchased as of 09/30/2009.
4. Capacity shown is nameplate capacity as of 09/30/2009.
5. *Generation Partners* provides incentives for the installation of small renewable generation systems and purchases the power for TVA's green power pricing program, *Green Power Switch*.

May 5, 2010

TVA Wind Purchases

Company	Capacity	Location	ISO	Construction Date	Delivery Date
Invernergy Bishop Hill	200 MW	Henry Co., Illinois	PJM	Commence in 2010	January 2012
CPV Cimarron	165 MW	Gray Co., Kansas	SPP	2011	Early 2012
CPV Ashley	200 MW	McIntosh, North Dakota	MISO	2011	Fall 2012
Horizon Pioneer Prairie	115 MW	Howard & Mitchell Co., Iowa	MISO	Existing	Fall 2010
Invernergy Hurricane Lake	250 MW	Roberts Co., South Dakota	MISO	2011	Early 2012
Iberdrola Cayuga Ridge	300 MW	Livingston Co., Illinois	PJM	Near Completion	May 3, 2010
Invernergy White Oak	150 MW	McLean Co., Illinois	MISO	Commence in 2010	January 2012

Purchases noted are the result of the 2008 Request for Proposal to fulfill up to 2,000 megawatts of clean and/or renewable energy as approved by the TVA board.