

FY 2005

ANNUAL PERFORMANCE PLAN

WESTERN AREA POWER ADMINISTRATION

FY 2005 Annual Performance Plan

Western’s FY 2005 Annual Performance Plan outlines key measures and targets for assessing how well we accomplish our mission of marketing and delivering Federal hydropower. We developed this plan using guidance from the Government Performance and Results Act. The measures and targets are based on national, Federal and regional operating criteria and industry standards for power system reliability, safety and investment repayment. By developing and identifying program performance measures and targets, Western managers are able to closely monitor and assess program performance, take action to maximize the effectiveness and efficiency of activities, and produce desired results. Through these measures and targets, Western, in turn, contributes to the Department of Energy’s goal of fostering a diverse supply of reliable, affordable and environmentally sound energy.

Aligning Budget and Performance

GPRA’s goal is to promote more effective management of program performance in government by linking budget dollars to program performance and results—in short, performance-based budgeting. The Budget and Performance Integration initiative in the President’s Management Agenda, and the Office of Management and Budget’s Program Assessment Rating Tool further underscore this link. Accordingly, beginning with this FY 2005 Annual Performance Plan, Western’s performance measures and targets parallel those included in the annual budget request, the Department’s performance measurement tracking system, and other GPRA documents outlining our program.

FY 2005 Performance Plan

Power System Reliability: With more than 17,000 miles of high-voltage transmission lines spanning most of the western half of the United States, Western markets approximately 40 billion kilowatthours of Federal hydropower annually to more than 680 wholesale utility customers. This hydroelectric resource is an important component of our customers' energy mix. They rely on this power for residential, commercial, agricultural and municipal uses. Uninterrupted delivery of power is a key result for Western.

Performance Measure: North American Electric Reliability Council CPS 1 and 2 ratings. These control area performance standards measure power system error frequency, or Western's ability to match generation to load and magnitude of unscheduled power flows.

FY 2005 Target: Meet or exceed NERC standards for control areas.

- CPS 1 is a statistical measure of area control error variability and its relationship to frequency error. The minimum level of compliance is 100 percent; the maximum is 200 percent.

CPS1 Performance History		
	Western Average	Industry Average
FY 2000	199.40	173.91
FY 2001	186.93	168.57
FY 2002	185.66	172.95
FY 2003	185.61	169.07
FY 2004	184.01	165.11

- CPS 2 is a statistical measure designed to limit unacceptably large unscheduled power flows. The minimum level of compliance is 90 percent; the maximum is 100 percent.

CPS2 Performance History		
	Western Average	Industry Average
FY 2000	98.28	96.22
FY 2001	98.48	95.65
FY 2002	98.51	96.29
FY 2003	98.09	96.49
FY 2004	98.30	96.66

Performance Measure: Accountable transmission system outages.

This measure quantifies the efficiency of Western’s efforts to reduce/eliminate avoidable outages (those caused by human error through improper or incorrect equipment operation, installation or maintenance).

FY 2005 Target: Total FY 2005 outages will not exceed the average number of outages for the past five years (average of 23).

Outage Performance History		
	Target	Actual
FY 2000	≤ 34	30
FY 2001	≤ 27	31
FY 2002	≤ 26	17
FY 2003	≤ 21	13
FY 2004	≤ 26	21
FY 2005	≤ 23	

Performance Measure: Ratio of unanticipated repair work hours to total maintenance hours. Although some emergency work is weather-related and beyond Western’s control, unanticipated repair work related to equipment failure is always undesirable and something to be minimized by keeping equipment in good repair.

FY 2005 Target: The ratio of unanticipated repair work hours to total maintenance hours for FY 2005 will be maintained at 16 percent or less.

Repair Work Hours Performance History		
	Target	Actual
FY 2000	≤ 16	20.0
FY 2001	≤ 16	18.2
FY 2002	≤ 16	15.0
FY 2003	≤ 16	7.3
FY 2004	≤ 16	7.0
FY 2005	≤ 16	

Repayment of Investment: Western must repay the U.S. Treasury approximately \$9 billion of investment costs. So far, nearly \$2.9 billion has been repaid.

Performance Measure: Ratio of unpaid investment to allowable unpaid investment. Western assesses long-term cumulative repayment performance as part of its annual rate-setting processes, developing an annual schedule of the investment that is allowed to remain unpaid, following Reclamation Law and Department of Energy Order RA 6120.2. For every year that total unpaid investment is less than or equal to the amount allowable, repayment is on or ahead of schedule. If for any year, unpaid investment exceeds the allowable amount, cost recovery requirements are not being met.

FY 2005 Target: Achieve a repayment ratio of unpaid investment-to-allowable unpaid investment for FY 2005 that is less than or equal to 1.0.

Repayment Ratio Performance History		
	Target	Actual
FY 2000	≤ 1.00	.75
FY 2001	≤ 1.00	.77
FY 2002	≤ 1.00	.75
FY 2003	≤ 1.00	.75
FY 2004	≤ 1.00	.75
FY 2005	≤ 1.00	

Safety: Ensure all Western employees are aware of and committed to creating a safe work environment.

Performance Measure: Recordable Accident Frequency Rate. Recordable accidents include injuries or illnesses that result in any of the following: death, days away from work, restricted work or transfer to another job, medical treatment beyond first aid, loss of consciousness, or significant injuries or illnesses diagnosed by a physician or other licensed health care professional. The frequency rate is calculated by multiplying recordable injuries times 200,000 hours (common base of 100 fulltime workers), then dividing the product by the total hours worked.

FY 2005 Target: Achieve a recordable accident frequency rate equal to or less than 3.3.

Accident Frequency Rate Performance History		
	Target	Actual
FY 2000	≤ 3.3	1.9
FY 2001	≤ 3.3	1.9
FY 2002	≤ 3.3	1.7
FY 2003	≤ 3.3	2.1
FY 2004	≤ 3.3	1.6
FY 2005	≤ 3.3	

For more info about Western's
Performance Planning efforts,
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