

Western Area Power Administration  
Desert Southwest Region  
Customer Meeting

# SAFETY & SECURITY UPDATE

08/05/2011

# Recordable Injuries & Lost Work Days

## Recordable Injury & Illness

On average Western has approximately 23 recordable per year

On average DSW has approximately 2 recordable injuries per year

	CY1997	CY1998	CY1999	CY2000	CY2001	CY2002	CY2003	CY2004	CY2005	CY2006	CY2007	CY2008	CY2009	CY2010	CY2011
Western	22	19	27	22	22	21	25	22	21	32	27	21	21	21	
DSWR	0	2	2	3	4	0	6	5	2	4	1	2	2	3	2

## BLS Electrical Utility Industry Rate

	CY1997	CY1998	CY1999	CY2000	CY2001	CY2002	CY2003	CY2004	CY2005	CY2006	CY2007	CY2008	CY2009	CY2010	CY2011
Industry Rate	5.7	5.1	4.9	4.8	5	3.7	4.9	6.2	5.1	4.8	4.9	4	3.9		
Western Rate	1.9	1.7	2.4	1.9	1.7	1.7	2.1	1.8	1.7	2.6	2.1	1.7	1.6	1.6	
DSWR Rate	0	1	1	1.4	1.9	0	2.8	2.3	0.9	1.8	0.4	0.9	0.8	1.5	

## DSW % Below Industry Rate

100% 80% 80% 71% 62% 100% 43% 63% 82% 62% 92% 78% 80%

## Lost/Restricted Work Days

	CY1997	CY1998	CY1999	CY2000	CY2001	CY2002	CY2003	CY2004	CY2005	CY2006	CY2007	CY2008	CY2009	CY2010	CY2011
Western	290	194	402	471	460	425	485	462	469	1420	1093	202	764	841	
DSWR	0	4	34	51	159	0	23	59	0	131	0	41	0	99	0

We've had minimal lost time injuries

# Motor Vehicle Accidents

Motor Vehicle  
Accidents

CY1997 CY1998 CY1999 CY2000 CY2001 CY2002 CY2003 CY2004 CY2005 CY2006 CY2007 CY2008 CY2009 CY2010 CY2011

	CY1997	CY1998	CY1999	CY2000	CY2001	CY2002	CY2003	CY2004	CY2005	CY2006	CY2007	CY2008	CY2009	CY2010	CY2011
Western	9	11	11	12	11	6	11	10	13	13	7	2	10	5	
DSWR	2	4	2	4	0	1	0	1	2	2	1	0	4	2	2

On average DSW has approximately 2 recordable motor vehicle accidents per year

# Safety Concerns

## **WORKLOAD**

- Increase in Construction Projects and Maintenance activities
- Limited Staffing leads to longer work hours, which could lead to higher incident rates

## **PREVENTION**

- SafeStart program which is a behavior based training tool we use to help employees focus eyes and mind on task (Over 90% of all incidents were caused by the employee)

# Substation Security & other Facilities

## **CURRENTLY**

- One of our biggest threats to our remote facilities is Copper and Metal Thefts
- Department of Homeland Security Threat Assessments
- Compliance with NERC Critical Infrastructure Protection (CIP)
- Guard Service Contract
- Cardkey Access
- Surveillance Systems (ScadaCam) CIP Sites
- Razor-wire installation around substation perimeters

## **FUTURE PLANS**

- Revise Engineering and Design standards, address CIP requirements, cardkey access, and secure our substation perimeters by installing block wall or fence fabric.
- Be prepared to expect equipment failure due to equipment being in place since the 1950's