

Summary of Duty Cycle fraction using all times cells off-line including months for planned Long-Term Plan (LTP) Enhancements

		acres		acres online	total possible	Duty Cycle fraction including planned LTP Enhancements	
STA-3/4	Eastern	6527	WY2004	14731	16543	0.89	Central Flowway off-line for LTP Enhancements (4 months)
	Central	5436	WY2005	12059	16543	0.73	Western Flowway off-line for LTP Enhancements (7 months), Central Flowway off-line for LTP enhancements (4 months)
	Western	4580	WY2006	14253	16543	0.86	Western Flowway off-line for LTP Enhancements (6 months)
	total	16543	WY2007	16161	16543	0.98	Western Flowway off-line for LTP Enhancements (1 month)
			WY2008	16543	16543	1.00	
			WY2009	16543	16543	1.00	
			total	90291	99258	0.91	
		acres		acres online	total possible	Duty Cycle fraction including planned LTP Enhancements	
STA-5	Northern (1A)	835	WY2001	4110	4110	1.00	
	Northern (1B)	1220	WY2002	4110	4110	1.00	
	Central (2A)	835	WY2003	4110	4110	1.00	
	Central (2B)	1220	WY2004	4110	4110	1.00	
	Southern (3A)	1002	WY2005	3703	4110	0.90	Cell 1B off-line for LTP Enhancements
	Southern (3B)	983	WY2006	3222	4110	0.78	Cells 2A and 2B off-line for LTP Enhancements
	total	6095	WY2007	3768	4110	0.92	Cell 2B off-line for LTP Enhancements
			WY2008	4110	4110	1.00	
			WY2009	4748	5433	0.87	Cell 1A off-line for Rehabilitation; Southern Flowway passed startup 8/28/08
			total	35991	38313	0.94	
		acres		acres online	total possible	Duty Cycle fraction including planned LTP Enhancements	
STA-6	Cell 3	245	WY2001	870	870	1.00	
	Cell 5	625	WY2002	870	870	1.00	
	Section 2	1387	WY2003	870	870	1.00	
	total	2257	WY2004	870	870	1.00	
			WY2005	870	870	1.00	
			WY2006	870	870	1.00	
			WY2007	725	870	0.83	Section 1 off-line 2 months for LTP Enhancements
			WY2008	1795	1795	1.00	Section 2 passed startup 8/14/07
			WY2009	2257	2257	1.00	
			total	9997	10142	0.99	
Grand total				298412	319440	0.93	Duty Cycle fraction including planned LTP Enhancements

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Notes:

1. This worksheet uses information from the 2010 SFER Appendix 5-3 for Chapter 5; data ends at WY2009. The 2011 SFER WY2010 information not yet available.
2. Per Table 1 Appendix 5-3, the actual on-line or off-line status for each cell depends on operational, rehabilitation, or enhancements construction.
3. Duty Cycle is a fraction that captures amount of time STA cells off-line for major maintenance or rehabilitation activities.

		acres		acres online	total possible	Duty Cycle fraction including planned LTP Enhancements	
STA-1E	eastern flowway	1108	WY2004	4024	4024	1.00	
	central flowway	1986	WY2005	4024	4024	1.00	
	western flowway	2038	WY2006	4024	4024	1.00	
	total	5132	WY2007	4024	4024	1.00	
			WY2008	4670	4670	1.00	Eastern Flowway passed startup Sept 2007 and on-line but with flow restrictions due to PSTA project
			WY2009	5132	5132	1.00	Eastern Flowway on-line but with flow restrictions due to PSTA project
			total	25898	25898	1.00	<u>WY2010 results (not shown) will reflect problems with STA-1E including offline status for West FW</u>

		acres		acres online	total possible	Duty Cycle fraction including planned LTP Enhancements	
STA-1W	eastern flowway	2516	WY1995	3815	3815	1.00	
	western flowway	1299	WY1996	3815	3815	1.00	
	northern flowway	2855	WY1997	3815	3815	1.00	
	total	6670	WY1998	3815	3815	1.00	
			WY1999	3815	3815	1.00	
			WY2000	6670	6670	1.00	
			WY2001	6670	6670	1.00	
			WY2002	6670	6670	1.00	
			WY2003	6670	6670	1.00	
			WY2004	6237	6670	0.94	Cell 2 off-line for tussuck removal and Cell 4 off-line for vegetation rehabilitation (4 months)
			WY2005	4961	6670	0.74	West Flowway off-line for LTP enhancements, North flowway off-line for rehabilitation/hurricane repairs (variable times)
			WY2006	4419	6670	0.66	West Flowway off-line for LTP enhancements, North flowway off-line for rehabilitation/hurricane repairs (variable times)
			WY2007	2742	6670	0.41	Northern, Western and Eastern Flowways off-line for LTP Enhancements (variable times)
			WY2008	5398	6670	0.81	Eastern Flowway off-line for LTP Enhancements and Western Flowway off-line for Rehabilitation (4 months)
			WY2009	6670	6670	1.00	
		total	76182	85775	0.89		

		acres		acres online	total possible	Duty Cycle fraction including planned LTP Enhancements	
STA-2	Cell 1	1798	WY2001	6338	6338	1.00	
	Cell 2	2270	WY2002	6338	6338	1.00	
	Cell 3	2270	WY2003	6338	6338	1.00	
	Cell 4	1902	WY2004	6338	6338	1.00	
	total	8240	WY2005	6338	6338	1.00	
			WY2006	6338	6338	1.00	
			WY2007	6338	6338	1.00	
			WY2008	7448	7448	1.00	Cell 4 passed startup 9/21/07
			WY2009	8240	8240	1.00	
			total	60054	60054	1.00	