



RPU-2010-0002

FILED WITH  
Executive Secretary

October 08, 2010

IOWA UTILITIES BOARD

1815 Capitol Ave  
Omaha, NE 68102  
P: 402-221-2288

October 8, 2010

Ms. Judi K. Cooper  
Executive Secretary  
Iowa Utilities Board  
530 Maple Street  
Des Moines, Iowa 50319-0069

Re: Corrections to Black Hills Energy's Responses to the Board's  
Information Requests

Dear Ms. Cooper:

Attached for filing are corrections to Attachments B, C and D from the  
Company's September 29<sup>th</sup> Responses to the Board's Information Requests.

Black Hills discovered several summation errors in the information provided  
September 29<sup>th</sup>, and submits the attached corrected data. A summary of the changes to  
these attachments is also provided herein. Shaded cells in the summary indicate  
information that has been corrected.

If you have any questions, please contact me at 402-221-2227.

Very truly yours,

/s/ Robert J. Amdor

Robert J. Amdor  
Regulatory Services Manager  
Black Hills Energy  
1815 Capitol Ave  
Omaha, NE 68102

Attachment (1)

Summary of Changes to Attachments B, C and D

Bare Steel					
	DOT Report	Attachs B-C		Attach D	
	Ft Unpr BS@YE	Feet	Cost	Feet	Cost
2004					
2005				Beginning:	
2006	300,960	28,494		308,255	
2007	Beginning: 274,560	30,491		30,491	\$ 917,581
2008	197,161 190,080	93,747		93,747	\$ 3,366,212
2009	47,658 168,640	23,949		23,949	\$ 1,071,305
2010	54,296	35,708	\$ 731,627	35,708	\$ 1,528,627
2011	30,087	29,672	\$ 908,000	29,672	\$ 1,668,000
2012		20,617	\$ 574,000	20,617	\$ 1,263,000
2013		23,427	\$ 635,000	23,427	\$ 1,582,000
2014				45,750	\$ 2,304,000
				4,894	

Attachment B

(A-3)

A-3 Bare Steel - PVC Replacement Plans for 2010-2011-2012-2013 (2).xls - Bare Steel Replacement Plans

District	2010 Length/Feet of Bare Steel Main Replaced	2010 Length/Feet of Bare Steel Main Remaining/Still Budgeted To Be Replaced	2011 Length/Feet of Bare Steel Main Budgeted To Be Replaced	2012 Length/Feet of Bare Steel Main Budgeted To Be Replaced	2013 Length/Feet of Bare Steel Main Budgeted To Be Replaced
Council Bluffs	0	0	1500	0	0
Denison	0	0	0	0	0
Newton	2900	2260	5100	0	0
Webster City	12033	8400	15000	13247	16252
Spencer	9015	1100	8072	7370	7175
Decorah	0	0	0	0	0
Dubuque	0	0	0	0	0
Total footage IA bare steel main scheduled to be replaced	23948	11760	29672	20617	23427
Miles of Bare Steel to be replaced	4.54	2.23	5.62	3.90	4.44
District		Forecasted Amount for Bare Steel Main in 2010	Budgeted Amount for Bare Steel Main in 2011	Budgeted Amount for Bare Steel Main in 2012	Budgeted Amount for Bare Steel Main in 2013
Council Bluffs		\$0	\$46,000	\$0	\$0
Denison		\$0	\$0	\$0	\$0
Newton		\$90,000	\$121,000	\$0	\$0
Webster City		\$376,761	\$375,000	\$291,000	\$325,000
Spencer		\$264,866	\$366,000	\$283,000	\$310,000
Decorah		\$0	\$0	\$0	\$0
Dubuque		\$0	\$0	\$0	\$0
Total cost of IA bare steel main scheduled to be replaced		\$731,627	\$908,000	\$574,000	\$635,000

A-3 Bare Steel - PVC Replacement Plans for 2010-2011-2012-2013 (2).xls - Bare Steel Replacement Plans

District	2010 # of Bare Steel Services Replaced	2010 # of Bare Steel Services Remaining/Still Budgeted To Be Replaced	2011 # of Bare Steel Services Budgeted To Be Replaced	2012 # of Bare Steel Services Budgeted To Be Replaced	2013 # of Bare Steel Services Budgeted To Be Replaced
Council Bluffs	0	0	20	0	0
Denison	0	0	0	0	0
Newton	75	10	94	20	50
*Newton Svc in 2012/2013 are inside/bare meter sets w/no main replacement					
Webster City	190	32	250	236	370
Spencer	150	30	110	161	130
Decorah	0	0	0	0	0
Dubuque	0	0	0	0	0
Total IA services to be replaced w/bare steel projects	415	72	474	417	550
District		Forecasted Amount for 2010	Budgeted Amount for 2011	Budgeted Amount for 2012	Budgeted Amount for 2013
Council Bluffs		\$0	\$35,000	\$0	\$0
Denison		\$0	\$0	\$0	\$0
Newton		\$157,000	\$141,000	\$32,000	\$100,000
*Newton Svc in 2012/2013 are inside/bare meter sets w/no main replacement					
Webster City		\$340,000	\$394,000	\$372,000	\$611,000
Spencer		\$300,000	\$190,000	\$285,000	\$236,000
Decorah		\$0	\$0	\$0	\$0
Dubuque		\$0	\$0	\$0	\$0
Total Cost of IA services to be replaced w/bare steel projects		\$797,000	\$760,000	\$689,000	\$947,000
Total Cost for IA Bare Mains and Services Projects		\$1,528,627	\$1,668,000	\$1,263,000	\$1,582,000

A-3 Bare Steel - PVC Replacement Plans for 2010-2011-2012-2013 (2).xls - PVC Replacement Plans

District	2010 Length/Feet of PVC Main Replaced	2010 Length/Feet of PVC Main Remaining/Still Budgeted To Be Replaced	2011 Length/Feet of PVC Main Budgeted To Be Replaced	2012 Length/Feet of PVC Main Budgeted To Be Replaced	2013 Length/Feet of PVC Main Budgeted To Be Replaced
<b>No active PVC projects - replacing the worst first - PVC not there yet - will replace if city project/significant excavation</b>					
Council Bluffs	0	0	0	0	0
Denison	0	0	0	0	0
Newton	0	0	0	0	0
Webster City	0	0	0	0	0
Spencer	0	0	0	0	0
Decorah	0	0	0	5000	5000
*Note will only do this project if city does water or leaks dictate					
Dubuque	0	0	0	0	0
Total Footage of IA PVC Main Replacement	0	0	0	5000	5000
Total Miles of PVC Main Replacement	0.00	0.00	0.00	0.95	0.95
District		Forecasted Amount for 2010	Budgeted Amount for 2011	Budgeted Amount for 2012	Budgeted Amount for 2013
<b>No active PVC projects - replacing the worst first - PVC not there yet - will replace if city project/significant excavation</b>					
Council Bluffs		\$0	\$0	\$0	\$0
Denison		\$0	\$0	\$0	\$0
Newton		\$0	\$0	\$0	\$0
Webster City		\$0	\$0	\$0	\$0
Spencer		\$0	\$0	\$0	\$0
Decorah		\$0	\$0	\$112,000	\$110,000
Dubuque		\$0	\$0	\$0	\$0
Total cost of IA budgeted PVC Main Replacement		\$0	\$0	\$112,000	\$110,000

A-3 Bare Steel - PVC Replacement Plans for 2010-2011-2012-2013 (2).xls - PVC Replacement Plans

District	2010 # of PVC Services Replaced	2010 # of PVC Services Remaining/Still Budgeted To Be Replaced	2011 # of PVC Services Budgeted To Be Replaced	2012 # of PVC Services Budgeted To Be Replaced	2013 # of PVC Services Budgeted To Be Replaced
<b>No active PVC projects - replacing the worst first - PVC not there yet - will replace if city project/significant excavation</b>					
Council Bluffs	0	0	0	0	0
Denison	0	0	0	0	0
Newton	0	0	0	0	0
Webster City	0	0	0	0	0
Spencer	0	0	0	0	0
Decorah	0	0	0	50	40
*Note will only do this project if city does water or leaks dictate					
Dubuque	0	0	0	0	0
Total Svcs to be replaced on PVC projects	0	0	0	50	40
<b>No active PVC projects - replacing the worst first - PVC not there yet - will replace if city project/significant excavation</b>					
District		Forecasted Amount for 2010	Budgeted Amount for 2011	Budgeted Amount for 2012	Budgeted Amount for 2013
<b>No active PVC projects - replacing the worst first - PVC not there yet - will replace if city project/significant excavation</b>					
Council Bluffs		\$0	\$0	\$0	\$0
Denison		\$0	\$0	\$0	\$0
Newton		\$0	\$0	\$0	\$0
Webster City		\$0	\$0	\$0	\$0
Spencer		\$0	\$0	\$0	\$0
Decorah		\$0	\$0	\$80,000	\$64,000
Dubuque		\$0	\$0	\$0	\$0
Total Svcs to be replaced on PVC projects		\$0	\$0	\$80,000	\$64,000
Total Cost for IA PVC Main and Service Projects		\$0	\$0	\$192,000	\$174,000

Attachment C

(A-4)

A-4 Bare - PVC Replaced since 2005.xls - Spencer

Year	Bare Steel Main Replaced	Age of Pipe Replaced	PVC Main Replaced	Age of PVC Replaced	
2006	402	1940's	385	1967	
	438	Unknown			
2007			6350	1967	
2008	3147	1940's			
	5174	Unknown			
2009	5107	Unknown	143	Unknown	
Totals	14268		6878		
	Bare Services Replaced	Age of Pipe Replaced	PVC Service Replaced	Age of PVC Replaced	
2006			5	1967	
2007			88	1967	
2008	209	Unknown			
2009	189	Unknown			
Totals	398		93		

A-4 Bare - PVC Replaced since 2005.xls - Summary

Year	Bare Steel Ft Of Main Replaced	Bare Steel Main Miles Replaced	Age of Pipe Replaced	PVC Main Replaced	Age of PVC Replaced
2006	28,494	5.40		385	1967
2007	30,491	5.77		6,350	1967
2008	93,747	17.76		0	
2009	23,949	4.54		143	Unknown
Total ft	176,681	33.46	1920's - 1950's	6,878	
* Note this includes 3 years of the Cast Iron/Wrought Iron Project					
	Bare Services Replaced		Age of Pipe Replaced	PVC Service Replaced	Age of PVC Replaced
2006	170			5	1967
2007	252			88	1967
2008	1,004				
2009	411				
Totals	1,837		1920's - 1950's	93	
* Note this includes 3 years of the Cast Iron/Wrought Iron Project					



A-4 Bare - PVC Replaced since 2005.xls - Denison

Year	Bare Steel Main Replaced	Age of Pipe Replaced	PVC Main Replaced	Age of PVC Replaced
2006				
2007				
2008				
2009				
Totals	0		0	
	Bare Services Replaced	Age of Pipe Replaced	PVC Service Replaced	Age of PVC Replaced
2006				
2007				
2008				
2009				
Totals	0		0	

A-4 Bare - PVC Replaced since 2005.xls - Newton

Year	Bare Steel Main Replaced	Age of Pipe Replaced	PVC Main Replaced	Age of PVC Replaced
2006	1347	Unknown - pre 1954 when purchased from city		
2007	6252	same as above		
2008	24716	same as above		
2009	4947	same as above		
Totals	37262		0	
	Bare Services Replaced	Age of Pipe Replaced	PVC Service Replaced	Age of PVC Replaced
2006	30	Unknown - pre 1954 when purchased from city		
2007	106	same as above		
2008	389	same as above		
2009	100	same as above		
Totals	625		0	





A-4 Bare - PVC Replaced since 2005.xls - Dubuque

Year	Bare Steel Main Replaced	Age of Pipe Replaced	PVC Main Replaced	Age of PVC Replaced
2006	16334	1920's & 1930's		
Cast Iron/Wrought Iron Project				
2007	13853	1920's & 1930's		
Cast Iron/Wrought Iron Project				
2008	25011	1920's & 1930's		
Cast Iron/Wrought Iron Project				
2009				
Totals	55198		0	
	Bare Services Replaced	Age of Pipe Replaced	PVC Service Replaced	Age of PVC Replaced
2006	60	1920's & 1930's		
2007	45	1920's & 1930's		
2008	75	1920's & 1930's		
2009				
Totals	180			

Attachment D

(A-5)



A-5 Bare Steel - PVC Replacement History-Plans.xls - CB -Den

Replacement Project Type		<b>Beginning Inventory</b>	Replaced in 2007	Replaced in 2008	Replaced in 2009	Replaced/ Planned in 2010	Planned in 2011	Planned in 2012	Planned in 2013	Planned in 2014	<b>Ending Balance</b>
Bare Steel	Main Footage	5,250	315	956	1979		1500				500
	# of Services	250	5	11	29		20				185
	Cost		\$10,294	\$29,526	\$65,090		\$81,000				
PVC Pipe	Main Footage	0									0
	# of Services	0									0
	Cost										
Meter Moveouts	Quantity	638									638
	Cost										
Aldyl A Pipe	Main Ft	70,000									70,000
	# of Svc	850									850
	Cost										
Extrube Services	# of Svc	1,300	8	20	14	20	20	20	20	20	1,158
	Cost		\$14,202	\$22,020	\$19,216	\$20,000	\$21,000	\$21,000	\$22,000	\$23,000	





A-5 Bare Steel - PVC Replacement History-Plans.xls - Spencer

Replacement Project Type		<b>Beginning Inventory</b>	Replaced in 2007	Replaced in 2008	Replaced in 2009	Replaced/Planned in 2010	Planned in 2011	Planned in 2012	Planned in 2013	Planned in 2014	<b>Ending Balance</b>
Bare Steel	Main Footage	53710	0	8321	5107	10115	8072	7370	7175	7550	0
	# of Services	2605		174	163	171	110	161	130	137	1559
	Cost			\$893,607	\$429,695	\$549,917	\$556,000	\$568,000	\$546,000	\$590,000	
PVC Pipe	Main Footage	10780	6350			143					4287
	# of Services	245	88			2					155
	Cost		\$267,777			\$5,771					
Meter Moveouts	Quantity	748	2	35	26	9					676
	Cost		\$4,098	\$76,930	\$41,860	\$14,949					
Aldyl A Pipe	Main Ft	61949									61949
	# of Svc	620									620
	Cost										
Extrube Services	# of Svc	678	1	3	2	5					667
	Cost		\$2,049	\$6,594	\$3,220	\$8,305					

A-5 Bare Steel - PVC Replacement History-Plans.xls - Decorah

Replacement Project Type		Beginning Inventory	Replaced in 2007	Replaced in 2008	Replaced in 2009	Replaced/Planned in 2010	Planned in 2011	Planned in 2012	Planned in 2013	Planned in 2014	Ending Balance
Bare Steel	Main Footage	1860	1,139	721	0	0	0	0	0	0	0
	# of Services	21	11	10							0
	Cost		\$33,130	\$21,395							
PVC Pipe	Main Footage	10000	0	0	0	0	0	5,000	5,000		0
	# of Services	90						50	40		0
	Cost							\$192,000	\$174,000		
Meter Moveouts	Quantity	18	0	0	0	0	0				18
	Cost										0
Aldyl A Pipe	Main Ft	9420	0	0	0	0	0	0	0	0	9,420
	# of Svc	960									960
	Cost										
Extrube Services	# of Svc	643	13	2	5	2	5	5	5	5	601
	Cost		\$12,410	\$773	\$2,894	\$1,057					

