

1 **B-58 Upgrade Distribution Feeders, \$1,383,200**

2 Q. Are there areas of the NLH distribution system where performance is worse
3 than or equal to that of the areas included in this project? If so, name them
4 and provide reliability statistics for each in the years 2001 to 2006F.

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7 A. There are areas of the Hydro distribution systems whose performance is
8 worse than the projects proposed in 2007. Due to the large amount of data
9 involved, the reliability statistics for each of these systems data for each year
10 from 2001 to 2006 cannot be supplied in a timely manner for these
11 proceedings.

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13 Selection of feeders for improvement in the 2007 capital budget was done by
14 reviewing the ranking of the worst performers and through discussions with
15 regional staff on the history of the feeders. The timing and scheduling of the
16 work was developed with consideration on whether a number of feeders in
17 an area were poor performers and could be grouped together for contract
18 and mobilization efficiency to lower costs.

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20 The ranking used was completed in early 2005 using the five-year data from
21 1999 to 2003. A cursory review in 2006 did not indicate the ranking changed
22 significantly. A listing of the feeder ranking and steps that have been or will
23 be taken to address performance follows:

Feeder ranking for the Interconnected Systems

Feeder	5 Year Average SAIFI Interruptions/Customer	Notes
HVY7	20.9	Improvements being completed in 2006
EHW1	18.5	Improvement completed in 2005
HVY10	17.1	Improvements being addressed through operations and maintenance
HVY1	15.1	Improvements being addressed through operations and maintenance
FHD5	13.9	Improvements being completed in 2006
BCX4	13.5	2007 Budget
HBV3	11.8	Improvement completed in 2005
BCX1	10.9	Improvements being completed in 2006
BCV6	10.9	Improvements being completed in 2006
FHD6	10.4	Improvement completed in 2005
HVY8	9.5	Improvements being addressed through operations and maintenance
BDE1	8.7	Improvement completed in 2005
BWT4	8.3	Improvements being completed in 2006
STA3	8.3	Improvement completed in 2004
RHR1	7.7	2007 Budget
KGP1	7.2	Improvement completed in 2004
STA6	6.9	Improvements being completed in 2006
FHD4	6.6	Improvements being completed in 2006
BWT7	6.1	Improvements being completed in 2006
SOK4	6.1	Improvements being completed in 2006
HVY2	6.1	Improvements being addressed in through operations and maintenance
Feeder	5 Year Average Saifi	Notes
HVY4	6.1	Improvements being addressed in through operations and maintenance
HVY5	5.8	Improvements being addressed in through operations and maintenance
HVY6	5.6	Improvements being addressed in through operations and maintenance
GBK3	5.3	Improvement completed in 2004
BWT1	5.2	Improvements being completed in 2006
GBK2	4.9	Improvement completed in 2004
RWC1	4.9	
SOK5	4.5	Improvements being completed in 2006
RHR2	4.5	2007 Budget
BWT3	4.3	
GLB1	4.2	
PPT1	4.1	Improvement completed in 2005
STA7	4.1	Improvement completed in 2005
STA1	4	2007 Budget
PPT2	3.9	
SOK1	3.6	Improvement completed in 2005
JAM2	3.3	
HBV1	3.3	Improvements being completed in 2006

GLB2	3.2	
STA2	3.1	2007 Budget
BCV4	3	Improvements being completed in 2006
CHD1	2.7	
WAB12	2.6	
CRV1	2.5	
FHD3	2.5	2007 Budget
BWT6	2.5	Improvements being completed in 2006
FDL1	2.4	
HVY3	2.4	Improvements being addressed through operations and maintenance
WAB3	2.2	
PPD1	2.2	
BCX2	2.1	
FHD1	2.1	
Hudson17	1.9	
Quartzite13	1.9	
DHR1	1.9	
SOK2	1.8	
Hudson15	1.7	
Bartlett4	1.7	
Bartlett5	1.7	
WAB9	1.7	
Quartzite12	1.6	
STA8	1.6	
Bartlett2	1.5	
RWC4	1.5	
SOK3	1.4	
Quartzite8	1.4	
Feeder	5 Year Average Saifi	Notes
GBK1	1.3	
HBK1	1.3	
HDN1	1.3	
KGP2	1.3	
BWT8	1.3	Improvements being completed in 2006
Bartlett1	1.3	
Quartzite6	1.3	
RWC2	1.3	
GBK4	1.2	
Vanier22	1.1	
WAB11	1.1	
WEP2	1	
MBK1	1	
LBY1	0.9	
JAM1	0.9	

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HRL19	0.9	
WAB7	0.9	
FDL2	0.8	
Bartlett3	0.8	
Quartzite14	0.8	
WAB8	0.8	
FHD2	0.7	2007 Budget
Hudson18	0.7	
SOK7	0.6	Improvements being completed in 2006
HVY11	0.6	
HRL20	0.6	
MBK2	0.6	
Quartzite7	0.5	
Vanier23	0.5	
LBY2	0.4	
PEF2	0.3	
MKS2	0.3	
WEP1	0.3	
HVY17	0.3	
Hudson16	0.3	
WDL1	0.3	
BWT2	0.2	
HVY16	0.2	
Vanier21	0.2	
MKS1	0.1	
BCX5	0.1	
RWC3	0.1	
SCV1	0.1	
SOK6	0	
HVY12	0	