

1 Q. Please provide documents indicating overhead and underground distribution feeder  
2 and URD equipment backlogged work, indicating the number of inspection,  
3 maintenance, testing, and repair jobs that were backlogged (not completed within  
4 time limits per program priorities) at the end of 2011, 2012, and 2013. Explain why  
5 the backlogs occurred.

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8 A. The following table illustrates the corrective maintenance (CM) and preventive  
9 maintenance (PM) work order backlogs for distribution line equipment for 2011,  
10 2012 and 2013 on the Island Interconnected System. The backlog quantity  
11 represents the number of work orders in a particular area that have not been  
12 completed at year end. For comparison, data has been included which indicates the  
13 number of work orders which were completed at year end.

Distribution Line Equipment Work Order Summary 2011-2013				
YEAR	Maintenance / Repair (CM)		Inspection / Testing (PM)	
	Backlog <sup>4</sup>	Completed	Backlog <sup>5</sup>	Completed
2011	408 <sup>1</sup>	1215	46	744
2012	531 <sup>2</sup>	1138	90	859
2013	641 <sup>3</sup>	1063	188	979

<sup>1</sup> 146 of these work orders are for vegetation management

<sup>2</sup> 177 of these work orders are for vegetation management

<sup>3</sup> 187 of these work orders are for vegetation management

<sup>4</sup> Up to 13.5 % of CM backlog work orders are priority 4. (See PUB-NLH-083)

<sup>5</sup> Up to 26 % of PM backlog work orders are low priority

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17 Of particular significance is the number of vegetation management work orders.  
18 Work orders are prepared for vegetation management on a structure by structure  
19 basis and a single line inspection can generate many work orders. Vegetation

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1 management work orders may reside in the related backlog for many months until  
2 completed in a very short period in the summer/fall by a contractor.

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4 While is it expected to have a small percentage of work orders in backlog,  
5 circumstances occur throughout the year that result in decisions on reprioritization  
6 of work which affect backlog. These include:

- 7 1. Customer related work such as trouble calls;
- 8 2. Storm related work;
- 9 3. Critical deficiencies found during inspections; and
- 10 4. Unexpected equipment failures.

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12 As well, the inability to get outages due to system conditions could result in the  
13 increase in backlog.