

a PPL company

Jeff DeRouen, Executive Director  
Public Service Commission of Kentucky  
211 Sower Boulevard  
P. O. Box 615  
Frankfort, Kentucky 40602

RECEIVED

SEP 08 2011

PUBLIC SERVICE  
COMMISSION

**Kentucky Utilities Company**  
State Regulation and Rates  
220 West Main Street  
PO Box 32010  
Louisville, Kentucky 40232  
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September 8, 2011

**RE: *The Application of Kentucky Utilities Company for Certificates of Public Convenience and Necessity and Approval of Its 2011 Compliance Plan for Recovery by Environmental Surcharge***  
**Case No. 2011-00161**

Dear Mr. DeRouen:

Enclosed please find an original and fifteen (15) copies of Kentucky Utilities Company's (KU) supplemental response to Question No. 6(c) of the Kentucky Industrial Utility Customers's (KIUC) First Set of Data Requests dated July 12, 2011, in the above-referenced matter filed pursuant to the Commission's Order dated September 1, 2011.

Should you have any questions regarding the enclosed, please contact me at your convenience.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. M. Conroy'. The signature is fluid and cursive, with a large loop at the end.

Robert M. Conroy

cc: Parties of Record

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

|  |   |                            |
|--|---|----------------------------|
| <b>THE APPLICATION OF KENTUCKY UTILITIES</b> | ) |                            |
| <b>COMPANY FOR CERTIFICATES OF PUBLIC</b>    | ) |                            |
| <b>CONVENIENCE AND NECESSITY AND</b>         | ) |                            |
| <b>APPROVAL OF ITS 2011 COMPLIANCE PLAN</b>  | ) | <b>CASE NO. 2011-00161</b> |
| <b>FOR RECOVERY BY ENVIRONMENTAL</b>         | ) |                            |
| <b>SURCHARGE</b>                             | ) |                            |

**KENTUCKY UTILITIES COMPANY**

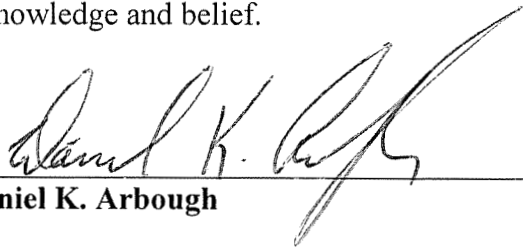
**RESPONSE PURSUANT TO SEPTEMBER 1, 2011 ORDER TO THE  
KENTUCKY INDUSTRIAL UTILITY CUSTOMERS, INC. (KIUC)  
FIRST SET OF DATA REQUESTS, ITEM 6(C) DATED JULY 12, 2011**

**FILED: SEPTEMBER 8, 2011**

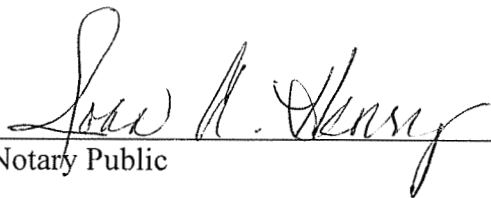
VERIFICATION

COMMONWEALTH OF KENTUCKY )  
 ) SS:  
COUNTY OF JEFFERSON )

The undersigned, **Daniel K. Arbough**, being duly sworn, deposes and says that he is Treasurer for Kentucky Utilities Company and an employee of LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.

  
Daniel K. Arbough

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 9<sup>th</sup> day of September 2011.

 (SEAL)  
Notary Public

My Commission Expires:

July 21, 2015

**KENTUCKY UTILITIES COMPANY**

**Response Pursuant to September 1, 2011 Order  
to KIUC's First Set of Data Requests, Item 6(c) Dated July 12, 2011**

**filed September 8, 2011**

**Case No. 2011-00161**

**Question No. 1-6**

**Witness: Counsel / Daniel K. Arbough**

Q1-6 Refer to the PPL Corporation presentation on May 11, 2011 to the Deutsche Bank Conference available on the PPL website.

- c. On 12 of that presentation entitled "Capital Expenditures," the presentation shows "LKE ECR" capital expenditures of \$0.2 billion in 2011, \$0.7 billion in 2012, \$0.8 billion in 2013, \$0.8 billion in 2014, and \$0.5 billion in 2015, or a total of \$3.0 billion over the five year period. Please provide the underlying support for these projections at the most detailed level available including, but not limited to, all financial statement projections.

A1-6.

- c. The attached file shows the detail behind the numbers included in the slide marked as page 12 and entitled "Capital Expenditures" in portions of the columns designated "LKE ECR" capital expenditures, presented by PPL at the Deutsche Bank conference in May 2011. The projections include estimated costs for the ECR projects that are the subject of this case as well as previously approved ECR projects and future projects for which no ECR application has been made. Estimated costs included in the file are as of a date prior to the ECR filings. Changes occurred in the estimates during the period between the preparation of the presentation by PPL at the Deutsche Bank conference in May 2011 and the ECR filing on June 1, 2011. The numbers in the PPL presentation slide include only projected costs to be included in FERC account 107.

LKE Capex (no SCRs for 2011-2020)  
\$000s

|  | 2011 Forecast |          |               | 2012           |               |                |
|--|---------------|----------|---------------|----------------|---------------|----------------|
|  | 107           | 108      | Total         | 107            | 108           | Total          |
| Environmental                              | 185,366       | 1,037    | 186,403       | 279,419        | 628           | 280,047        |
| Environmental EPA regulations              | 22,529        | -        | 22,529        | 369,378        | 10,874        | 380,252        |
| Total ECR Capital Expenditures             | 207,895       | 1,037    | 208,932       | 648,798        | 11,502        | 660,299        |
| List of significant projects:              |               |          |               |                |               |                |
| Environmental EPA regulations:             |               |          |               |                |               |                |
| Mill Creek 4 - SCR Upgrade                 | 1,121         | -        | 1,121         | 4,485          | -             | 4,485          |
| Brown 1 - Baghouse                         | 996           | -        | 996           | 12,115         | -             | 12,115         |
| Brown 2 - Baghouse                         | 1,001         | -        | 1,001         | 12,434         | -             | 12,434         |
| Brown 3 - Baghouse                         | -             | -        | -             | 1,487          | -             | 1,487          |
| Ghent 1 - Baghouse                         | 684           | -        | 684           | 45,555         | -             | 45,555         |
| Ghent 2 - Baghouse                         | -             | -        | -             | 29,752         | -             | 29,752         |
| Ghent 3 - Baghouse                         | -             | -        | -             | -              | -             | -              |
| Ghent 4 - Baghouse                         | -             | -        | -             | -              | -             | -              |
| Mill Creek 1 - Baghouse                    | -             | -        | -             | 13,572         | -             | 13,572         |
| Mill Creek 2 - Baghouse                    | -             | -        | -             | 12,968         | -             | 12,968         |
| Mill Creek 3 - Baghouse                    | -             | -        | -             | -              | -             | -              |
| Mill Creek 4 - Baghouse                    | 4,028         | -        | 4,028         | 49,935         | -             | 49,935         |
| Trimble 1 - Baghouse                       | -             | -        | -             | -              | -             | -              |
| Mill Creek 1 - Combined 1&2 FGD            | -             | -        | -             | 25,187         | -             | 25,187         |
| Mill Creek 2 - Combined 1&2 FGD            | -             | -        | -             | 25,197         | -             | 25,197         |
| Mill Creek 2 - FGD (U4 update and tie in)  | -             | -        | -             | 6,892          | -             | 6,892          |
| Mill Creek 4 - FGD                         | 4,049         | -        | 4,049         | 70,537         | -             | 70,537         |
| SAM Mitigation, SCR Turndown               | 3,197         | -        | 3,197         | 29,259         | -             | 29,259         |
| Environmental Air Study                    | 1,452         | -        | 1,452         | -              | -             | -              |
| CCP Ruling Incremental Capex               | -             | -        | -             | 7,404          | 10,874        | 18,277         |
| Incremental BR Landfill                    | 6,000         | -        | 6,000         | 22,600         | -             | 22,600         |
| <b>Total Environmental EPA regulations</b> | <b>22,529</b> | <b>-</b> | <b>22,529</b> | <b>369,378</b> | <b>10,874</b> | <b>380,252</b> |
| Brown Landfill (+ row 32)                  | 9,407         | -        | 9,407         | 3,100          | -             | 3,100          |
| Ghent Landfill                             | 85,898        | -        | 85,898        | 130,900        | -             | 130,900        |
| Cane Run Landfill                          | 3,006         | -        | 3,006         | 5,500          | -             | 5,500          |
| Trimble CCP                                | 37,715        | -        | 37,715        | 98,400         | -             | 98,400         |
| Landfills/Ponds                            | -             | -        | -             | -              | -             | -              |
| SCRs                                       | 40,240        | 887      | 41,127        | 40,172         | 628           | 40,800         |
| FGDs                                       | 4,566         | -        | 4,566         | -              | -             | -              |

Account 107- CWIP

Account 108- Cost of Removal and reserve

LKE Capex (no SCRs for 2011-2020)  
\$000s

|                                | 2013    |     |         | 2014    |       |         |
|--------------------------------|---------|-----|---------|---------|-------|---------|
|                                | 107     | 108 | Total   | 107     | 108   | Total   |
| Environmental                  | 81,688  | -   | 81,688  | 8,222   | -     | 8,222   |
| Environmental EPA regulations  | 718,515 | 204 | 718,719 | 743,683 | 1,131 | 744,813 |
| Total ECR Capital Expenditures | 800,203 | 204 | 800,407 | 751,904 | 1,131 | 753,035 |

List of significant projects:  
Environmental EPA regulations:

|  |                |            |                |                |              |                |
|--|----------------|------------|----------------|----------------|--------------|----------------|
| Mill Creek 4 - SCR Upgrade                 | -              | -          | -              | -              | -            | -              |
| Brown 1 - Baghouse                         | 17,407         | -          | 17,407         | 10,776         | -            | 10,776         |
| Brown 2 - Baghouse                         | 17,836         | -          | 17,836         | 11,041         | -            | 11,041         |
| Brown 3 - Baghouse                         | 19,334         | -          | 19,334         | 34,584         | -            | 34,584         |
| Ghent 1 - Baghouse                         | 62,182         | -          | 62,182         | 39,264         | -            | 39,264         |
| Ghent 2 - Baghouse                         | 47,756         | 204        | 47,960         | 72,192         | 212          | 72,404         |
| Ghent 3 - Baghouse                         | 38,119         | -          | 38,119         | 55,649         | 212          | 55,861         |
| Ghent 4 - Baghouse                         | 30,351         | -          | 30,351         | 51,330         | 171          | 51,501         |
| Mill Creek 1 - Baghouse                    | 42,343         | -          | 42,343         | 44,037         | -            | 44,037         |
| Mill Creek 2 - Baghouse                    | 40,944         | -          | 40,944         | 43,588         | -            | 43,588         |
| Mill Creek 3 - Baghouse                    | 39,815         | -          | 39,815         | 49,062         | -            | 49,062         |
| Mill Creek 4 - Baghouse                    | 54,678         | -          | 54,678         | 34,362         | 419          | 34,781         |
| Trimble 1 - Baghouse                       | 23,480         | -          | 23,480         | 37,850         | -            | 37,850         |
| Mill Creek 1 - Combined 1&2 FGD            | 52,389         | -          | 52,389         | 54,485         | -            | 54,485         |
| Mill Creek 2 - Combined 1&2 FGD            | 52,411         | -          | 52,411         | 54,507         | -            | 54,507         |
| Mill Creek 2 - FGD (U4 update and tie in)  | 32,257         | -          | 32,257         | 29,820         | -            | 29,820         |
| Mill Creek 4 - FGD                         | 87,593         | -          | 87,593         | 44,293         | 116          | 44,409         |
| SAM Mitigation, SCR Turndown               | 40,296         | -          | 40,296         | 37,328         | -            | 37,328         |
| Environmental Air Study                    | -              | -          | -              | -              | -            | -              |
| CCP Ruling Incremental Capex               | 1,525          | -          | 1,525          | 43,116         | -            | 43,116         |
| Incremental BR Landfill                    | 17,800         | -          | 17,800         | (3,600)        | -            | (3,600)        |
| <b>Total Environmental EPA regulations</b> | <b>718,515</b> | <b>204</b> | <b>718,719</b> | <b>743,683</b> | <b>1,131</b> | <b>744,813</b> |
| Brown Landfill (+ row 32)                  | 6,264          | -          | 6,264          | -              | -            | -              |
| Ghent Landfill                             | 61,270         | -          | 61,270         | 4,922          | -            | 4,922          |
| Cane Run Landfill                          | 11,243         | -          | 11,243         | -              | -            | -              |
| Trimble CCP                                | -              | -          | -              | -              | -            | -              |
| Landfills/Ponds                            | -              | -          | -              | -              | -            | -              |
| SCRs                                       | 1,500          | -          | 1,500          | -              | -            | -              |
| FGDs                                       | -              | -          | -              | -              | -            | -              |

Account 107- CWIP

Account 108- Cost of Removal and reserve

LKE Capex (no SCRs for 2011-2020)  
\$000s

|  | 2015           |                |                | 2011 - 2015      |                |                  |
|--|----------------|----------------|----------------|------------------|----------------|------------------|
|  | 107            | 108            | Total          | 107              | 108            | Total            |
| Environmental                              | 3,516          | -              | 3,516          | 558,210          | 1,665          | 559,875          |
| Environmental EPA regulations              | 543,239        | 192,338        | 735,578        | 2,397,345        | 204,546        | 2,601,891        |
| Total ECR Capital Expenditures             | 546,755        | 192,338        | 739,094        | 2,955,555        | 206,211        | 3,161,767        |
| List of significant projects:              |                |                |                |                  |                |                  |
| Environmental EPA regulations:             |                |                |                |                  |                |                  |
| Mill Creek 4 - SCR Upgrade                 | -              | -              | -              | 5,606            | -              | 5,606            |
| Brown 1 - Baghouse                         | -              | -              | -              | 41,294           | -              | 41,294           |
| Brown 2 - Baghouse                         | -              | -              | -              | 42,312           | -              | 42,312           |
| Brown 3 - Baghouse                         | 25,094         | -              | 25,094         | 80,499           | -              | 80,499           |
| Ghent 1 - Baghouse                         | -              | -              | -              | 147,685          | -              | 147,685          |
| Ghent 2 - Baghouse                         | 6,693          | -              | 6,693          | 156,392          | 416            | 156,808          |
| Ghent 3 - Baghouse                         | 84,049         | 283            | 84,332         | 177,817          | 495            | 178,312          |
| Ghent 4 - Baghouse                         | 77,572         | 178            | 77,750         | 159,253          | 349            | 159,602          |
| Mill Creek 1 - Baghouse                    | 45,261         | 538            | 45,799         | 145,213          | 538            | 145,751          |
| Mill Creek 2 - Baghouse                    | 44,256         | 901            | 45,157         | 141,755          | 901            | 142,656          |
| Mill Creek 3 - Baghouse                    | 43,768         | -              | 43,768         | 132,645          | -              | 132,645          |
| Mill Creek 4 - Baghouse                    | 8,221          | -              | 8,221          | 151,224          | 419            | 151,643          |
| Trimble 1 - Baghouse                       | 57,141         | -              | 57,141         | 118,470          | -              | 118,470          |
| Mill Creek 1 - Combined 1&2 FGD            | 44,799         | 2,422          | 47,220         | 176,860          | 2,422          | 179,281          |
| Mill Creek 2 - Combined 1&2 FGD            | 44,818         | 2,422          | 47,239         | 176,933          | 2,422          | 179,354          |
| Mill Creek 2 - FGD (U4 update and tie in)  | 3,877          | 1,602          | 5,479          | 72,845           | 1,602          | 74,447           |
| Mill Creek 4 - FGD                         | 11,843         | -              | 11,843         | 218,315          | 116            | 218,431          |
| SAM Mitigation, SCR Turndown               | 7,607          | -              | 7,607          | 117,687          | -              | 117,687          |
| Environmental Air Study                    | -              | -              | -              | 1,452            | -              | 1,452            |
| CCP Ruling Incremental Capex               | 47,242         | 183,993        | 231,236        | 99,287           | 194,867        | 294,154          |
| Incremental BR Landfill                    | (9,000)        | -              | (9,000)        | 33,800           | -              | 33,800           |
| <b>Total Environmental EPA regulations</b> | <b>543,239</b> | <b>192,338</b> | <b>735,578</b> | <b>2,397,345</b> | <b>204,546</b> | <b>2,601,891</b> |
| Brown Landfill (+ row 32)                  | -              | -              | -              | 18,771           | -              | 18,771           |
| Ghent Landfill                             | 816            | -              | 816            | 283,806          | -              | 283,806          |
| Cane Run Landfill                          | -              | -              | -              | 19,750           | -              | 19,750           |
| Trimble CCP                                | -              | -              | -              | 136,115          | -              | 136,115          |
| Landfills/Ponds                            | -              | -              | -              | -                | -              | -                |
| SCRs                                       | -              | -              | -              | 81,912           | 1,515          | 83,427           |
| FGDs                                       | -              | -              | -              | 4,566            | -              | 4,566            |

Account 107- CWIP

Account 108- Cost of Removal and reserve

KU Capex (no SCRs for 2011-2020)  
\$000s

|                                | 2011 Forecast |     |         | 2012    |        |         |
|--------------------------------|---------------|-----|---------|---------|--------|---------|
|                                | 107           | 108 | Total   | 107     | 108    | Total   |
| Environmental                  | 160,855       | 887 | 161,742 | 221,961 | 628    | 222,589 |
| Environmental EPA regulations  | 12,798        | -   | 12,798  | 149,978 | 10,638 | 160,615 |
| Total ECR Capital Expenditures | 173,654       | 887 | 174,541 | 371,939 | 11,266 | 383,205 |

List of significant projects:

Environmental EPA regulations:

|   |        |     |        |         |        |         |
|---|--------|-----|--------|---------|--------|---------|
| Mill Creek 4 - SCR Upgrade                |        |     | -      |         |        | -       |
| Brown 1 - Baghouse                        | 996    |     | 996    | 12,115  |        | 12,115  |
| Brown 2 - Baghouse                        | 1,001  |     | 1,001  | 12,434  |        | 12,434  |
| Brown 3 - Baghouse                        | -      |     | -      | 1,487   |        | 1,487   |
| Ghent 1 - Baghouse                        | 684    |     | 684    | 45,555  |        | 45,555  |
| Ghent 2 - Baghouse                        | -      | -   | -      | 29,752  | -      | 29,752  |
| Ghent 3 - Baghouse                        | -      | -   | -      | -       | -      | -       |
| Ghent 4 - Baghouse                        | -      | -   | -      | -       | -      | -       |
| Mill Creek 1 - Baghouse                   |        |     | -      |         |        | -       |
| Mill Creek 2 - Baghouse                   |        |     | -      |         |        | -       |
| Mill Creek 3 - Baghouse                   |        |     | -      |         |        | -       |
| Mill Creek 4 - Baghouse                   |        |     | -      |         |        | -       |
| Trimble 1 - Baghouse                      | -      |     | -      | -       |        | -       |
| Mill Creek 1 - Combined 1&2 FGD           |        |     | -      |         |        | -       |
| Mill Creek 2 - Combined 1&2 FGD           |        |     | -      |         |        | -       |
| Mill Creek 2 - FGD (U4 update and tie in) |        |     | -      |         |        | -       |
| Mill Creek 4 - FGD                        |        |     | -      |         |        | -       |
| SAM Mitigation, SCR Turndown              | 3,197  |     | 3,197  | 21,428  |        | 21,428  |
| Environmental Air Study                   | 919    |     | 919    |         |        | -       |
| CCP Ruling Incremental Capex              | -      | -   | -      | 4,607   | 10,638 | 15,245  |
| Incremental BR Landfill                   | 6,000  |     | 6,000  | 22,600  |        | 22,600  |
| Total Environmental EPA regulations       | 12,798 | -   | 12,798 | 149,978 | 10,638 | 160,615 |
| Brown Landfill (+ row 32)                 | 9,407  |     | 9,407  | 3,100   |        | 3,100   |
| Ghent Landfill                            | 85,898 |     | 85,898 | 130,900 |        | 130,900 |
| Cane Run Landfill                         |        |     | -      |         |        | -       |
| Trimble CCP                               | 18,097 |     | 18,097 | 47,232  |        | 47,232  |
| Landfills/Ponds                           | -      |     | -      | -       |        | -       |
| SCRs                                      | 40,240 | 887 | 41,127 | 40,172  | 628    | 40,800  |
| FGDs                                      | 4,566  |     | 4,566  |         |        | -       |

Account 107- CWIP

Account 108- Cost of Removal and reserve



KU Capex (no SCRs for 2011-2020)  
\$000s

|                                | 2013    |     |         | 2014    |     |         |
|--------------------------------|---------|-----|---------|---------|-----|---------|
|                                | 107     | 108 | Total   | 107     | 108 | Total   |
| Environmental                  | 69,035  | -   | 69,035  | 4,922   | -   | 4,922   |
| Environmental EPA regulations  | 276,548 | 204 | 276,752 | 315,406 | 595 | 316,001 |
| Total ECR Capital Expenditures | 345,583 | 204 | 345,786 | 320,328 | 595 | 320,923 |

List of significant projects:

Environmental EPA regulations:

|  |         |     |         |         |     |         |
|--|---------|-----|---------|---------|-----|---------|
| Mill Creek 4 - SCR Upgrade                 |         |     | -       |         |     | -       |
| Brown 1 - Baghouse                         | 17,407  |     | 17,407  | 10,776  |     | 10,776  |
| Brown 2 - Baghouse                         | 17,836  |     | 17,836  | 11,041  |     | 11,041  |
| Brown 3 - Baghouse                         | 19,334  |     | 19,334  | 34,584  |     | 34,584  |
| Ghent 1 - Baghouse                         | 62,182  |     | 62,182  | 39,264  |     | 39,264  |
| Ghent 2 - Baghouse                         | 47,756  | 204 | 47,960  | 72,192  | 212 | 72,404  |
| Ghent 3 - Baghouse                         | 38,119  | -   | 38,119  | 55,649  | 212 | 55,861  |
| Ghent 4 - Baghouse                         | 30,351  | -   | 30,351  | 51,330  | 171 | 51,501  |
| Mill Creek 1 - Baghouse                    |         |     | -       |         |     | -       |
| Mill Creek 2 - Baghouse                    |         |     | -       |         |     | -       |
| Mill Creek 3 - Baghouse                    |         |     | -       |         |     | -       |
| Mill Creek 4 - Baghouse                    |         |     | -       |         |     | -       |
| Trimble 1 - Baghouse                       |         |     | -       |         |     | -       |
| Mill Creek 1 - Combined 1&2 FGD            |         |     | -       |         |     | -       |
| Mill Creek 2 - Combined 1&2 FGD            |         |     | -       |         |     | -       |
| Mill Creek 2 - FGD (U4 update and tie in)  |         |     | -       |         |     | -       |
| Mill Creek 4 - FGD                         |         |     | -       |         |     | -       |
| SAM Mitigation, SCR Turndown               | 24,810  |     | 24,810  | 16,339  |     | 16,339  |
| Environmental Air Study                    |         |     | -       |         |     | -       |
| CCP Ruling Incremental Capex               | 953     | -   | 953     | 27,832  | -   | 27,832  |
| Incremental BR Landfill                    | 17,800  |     | 17,800  | (3,600) |     | (3,600) |
| <b>Total Environmental EPA regulations</b> | 276,548 | 204 | 276,752 | 315,406 | 595 | 316,001 |
| Brown Landfill (+ row 32)                  | 6,264   |     | 6,264   |         |     | -       |
| Ghent Landfill                             | 61,270  |     | 61,270  | 4,922   |     | 4,922   |
| Cane Run Landfill                          |         |     | -       |         |     | -       |
| Trimble CCP                                |         |     | -       |         |     | -       |
| Landfills/Ponds                            |         |     | -       |         |     | -       |
| SCRs                                       | 1,500   |     | 1,500   |         |     | -       |
| FGDs                                       |         |     | -       |         |     | -       |

Account 107- CWIP

Account 108- Cost of Removal and reserve

KU Capex (no SCRs for 2011-2020)  
\$000s

|                                | 2015    |         |         | 2011 - 2015 |         |           |
|--------------------------------|---------|---------|---------|-------------|---------|-----------|
|                                | 107     | 108     | Total   | 107         | 108     | Total     |
| Environmental                  | 816     | -       | 816     | 457,589     | 1,515   | 459,104   |
| Environmental EPA regulations  | 214,610 | 138,529 | 353,139 | 969,340     | 149,966 | 1,119,306 |
| Total ECR Capital Expenditures | 215,426 | 138,529 | 353,955 | 1,426,929   | 151,481 | 1,578,410 |

List of significant projects:

Environmental EPA regulations:

|  |                |                |                |                |                |                  |
|--|----------------|----------------|----------------|----------------|----------------|------------------|
| Mill Creek 4 - SCR Upgrade                 | -              | -              | -              | -              | -              | -                |
| Brown 1 - Baghouse                         | -              | -              | -              | 41,294         | -              | 41,294           |
| Brown 2 - Baghouse                         | -              | -              | -              | 42,312         | -              | 42,312           |
| Brown 3 - Baghouse                         | 25,094         | -              | 25,094         | 80,499         | -              | 80,499           |
| Ghent 1 - Baghouse                         | -              | -              | -              | 147,685        | -              | 147,685          |
| Ghent 2 - Baghouse                         | 6,693          | -              | 6,693          | 156,392        | 416            | 156,808          |
| Ghent 3 - Baghouse                         | 84,049         | 283            | 84,332         | 177,817        | 495            | 178,312          |
| Ghent 4 - Baghouse                         | 77,572         | 178            | 77,750         | 159,253        | 349            | 159,602          |
| Mill Creek 1 - Baghouse                    | -              | -              | -              | -              | -              | -                |
| Mill Creek 2 - Baghouse                    | -              | -              | -              | -              | -              | -                |
| Mill Creek 3 - Baghouse                    | -              | -              | -              | -              | -              | -                |
| Mill Creek 4 - Baghouse                    | -              | -              | -              | -              | -              | -                |
| Trimble 1 - Baghouse                       | -              | -              | -              | -              | -              | -                |
| Mill Creek 1 - Combined 1&2 FGD            | -              | -              | -              | -              | -              | -                |
| Mill Creek 2 - Combined 1&2 FGD            | -              | -              | -              | -              | -              | -                |
| Mill Creek 2 - FGD (U4 update and tie in)  | -              | -              | -              | -              | -              | -                |
| Mill Creek 4 - FGD                         | -              | -              | -              | -              | -              | -                |
| SAM Mitigation, SCR Turndown               | -              | -              | -              | 65,774         | -              | 65,774           |
| Environmental Air Study                    | -              | -              | -              | 919            | -              | 919              |
| CCP Ruling Incremental Capex               | 30,202         | 138,068        | 168,270        | 63,594         | 148,705        | 212,300          |
| Incremental BR Landfill                    | (9,000)        | -              | (9,000)        | 33,800         | -              | 33,800           |
| <b>Total Environmental EPA regulations</b> | <b>214,610</b> | <b>138,529</b> | <b>353,139</b> | <b>969,340</b> | <b>149,966</b> | <b>1,119,306</b> |
| Brown Landfill (+ row 32)                  | -              | -              | -              | 18,771         | -              | 18,771           |
| Ghent Landfill                             | 816            | -              | 816            | 283,806        | -              | 283,806          |
| Cane Run Landfill                          | -              | -              | -              | -              | -              | -                |
| Trimble CCP                                | -              | -              | -              | 65,329         | -              | 65,329           |
| Landfills/Ponds                            | -              | -              | -              | -              | -              | -                |
| SCRs                                       | -              | -              | -              | 81,912         | 1,515          | 83,427           |
| FGDs                                       | -              | -              | -              | 4,566          | -              | 4,566            |

Account 107- CWIP

Account 108- Cost of Removal and reserve

LGE Capex (no SCRs for 2011-2020)  
\$000s

|                                | 2011 Forecast |     |        | 2012    |     |         |
|--------------------------------|---------------|-----|--------|---------|-----|---------|
|                                | 107           | 108 | Total  | 107     | 108 | Total   |
| Environmental                  | 24,510        | 150 | 24,660 | 57,458  | -   | 57,458  |
| Environmental EPA regulations  | 9,731         | -   | 9,731  | 219,400 | 236 | 219,636 |
| Total ECR Capital Expenditures | 34,242        | 150 | 34,392 | 276,858 | 236 | 277,094 |

List of significant projects:

|  |              |          |              |                |            |                |
|--|--------------|----------|--------------|----------------|------------|----------------|
| Environmental EPA regulations:             |              |          |              |                |            |                |
| Mill Creek 4 - SCR Upgrade                 | 1,121        |          | 1,121        | 4,485          |            | 4,485          |
| Brown 1 - Baghouse                         |              |          | -            |                |            | -              |
| Brown 2 - Baghouse                         |              |          | -            |                |            | -              |
| Brown 3 - Baghouse                         |              |          | -            |                |            | -              |
| Ghent 1 - Baghouse                         |              |          | -            |                |            | -              |
| Ghent 2 - Baghouse                         |              |          | -            |                |            | -              |
| Ghent 3 - Baghouse                         |              |          | -            |                |            | -              |
| Ghent 4 - Baghouse                         |              |          | -            |                |            | -              |
| Mill Creek 1 - Baghouse                    | -            | -        | -            | 13,572         | -          | 13,572         |
| Mill Creek 2 - Baghouse                    | -            | -        | -            | 12,968         | -          | 12,968         |
| Mill Creek 3 - Baghouse                    | -            | -        | -            | -              | -          | -              |
| Mill Creek 4 - Baghouse                    | 4,028        | -        | 4,028        | 49,935         | -          | 49,935         |
| Trimble 1 - Baghouse                       | -            | -        | -            | -              | -          | -              |
| Mill Creek 1 - Combined 1&2 FGD            | -            | -        | -            | 25,187         | -          | 25,187         |
| Mill Creek 2 - Combined 1&2 FGD            | -            | -        | -            | 25,197         | -          | 25,197         |
| Mill Creek 3 - FGD (U4 update and tie in)  | -            | -        | -            | 6,892          | -          | 6,892          |
| Mill Creek 4 - FGD                         | 4,049        | -        | 4,049        | 70,537         | -          | 70,537         |
| SAM Mitigation, SCR Turndown               | -            | -        | -            | 7,831          | -          | 7,831          |
| Environmental Air Study                    | 533          |          | 533          |                |            | -              |
| CCP Ruling Incremental Capex               | -            | -        | -            | 2,796          | 236        | 3,032          |
| Incremental BR Landfill                    |              |          | -            |                |            | -              |
| <b>Total Environmental EPA regulations</b> | <b>9,731</b> | <b>-</b> | <b>9,731</b> | <b>219,400</b> | <b>236</b> | <b>219,636</b> |
| Brown Landfill (+ row 32)                  |              |          | -            |                |            | -              |
| Ghent Landfill                             |              |          | -            |                |            | -              |
| Cane Run Landfill                          | 3,006        |          | 3,006        | 5,500          |            | 5,500          |
| Trimble CCP                                | 19,618       |          | 19,618       | 51,168         |            | 51,168         |
| Landfills/Ponds                            |              |          | -            |                |            | -              |
| SCRs                                       |              |          | -            |                |            | -              |
| FGDs                                       |              |          | -            |                |            | -              |

Account 107- CWIP

Account 108- Cost of Removal and reserve

LGE Capex (no SCRs for 2011-2020)  
\$000s

|                                | 2013    |     |         | 2014    |     |         |
|--------------------------------|---------|-----|---------|---------|-----|---------|
|                                | 107     | 108 | Total   | 107     | 108 | Total   |
| Environmental                  | 12,653  | -   | 12,653  | 3,300   | -   | 3,300   |
| Environmental EPA regulations  | 441,967 | -   | 441,967 | 428,277 | 536 | 428,812 |
| Total ECR Capital Expenditures | 454,621 | -   | 454,621 | 431,577 | 536 | 432,112 |

List of significant projects:

Environmental EPA regulations:

|  |                |          |                |                |            |                |
|--|----------------|----------|----------------|----------------|------------|----------------|
| Mill Creek 4 - SCR Upgrade                 | -              | -        | -              | -              | -          | -              |
| Brown 1 - Baghouse                         | -              | -        | -              | -              | -          | -              |
| Brown 2 - Baghouse                         | -              | -        | -              | -              | -          | -              |
| Brown 3 - Baghouse                         | -              | -        | -              | -              | -          | -              |
| Ghent 1 - Baghouse                         | -              | -        | -              | -              | -          | -              |
| Ghent 2 - Baghouse                         | -              | -        | -              | -              | -          | -              |
| Ghent 3 - Baghouse                         | -              | -        | -              | -              | -          | -              |
| Ghent 4 - Baghouse                         | -              | -        | -              | -              | -          | -              |
| Mill Creek 1 - Baghouse                    | 42,343         | -        | 42,343         | 44,037         | -          | 44,037         |
| Mill Creek 2 - Baghouse                    | 40,944         | -        | 40,944         | 43,588         | -          | 43,588         |
| Mill Creek 3 - Baghouse                    | 39,815         | -        | 39,815         | 49,062         | -          | 49,062         |
| Mill Creek 4 - Baghouse                    | 54,678         | -        | 54,678         | 34,362         | 419        | 34,781         |
| Trimble 1 - Baghouse                       | 23,480         | -        | 23,480         | 37,850         | -          | 37,850         |
| Mill Creek 1 - Combined 1&2 FGD            | 52,389         | -        | 52,389         | 54,485         | -          | 54,485         |
| Mill Creek 2 - Combined 1&2 FGD            | 52,411         | -        | 52,411         | 54,507         | -          | 54,507         |
| Mill Creek 3 - FGD (U4 update and tie in)  | 32,257         | -        | 32,257         | 29,820         | -          | 29,820         |
| Mill Creek 4 - FGD                         | 87,593         | -        | 87,593         | 44,293         | 116        | 44,409         |
| SAM Mitigation, SCR Turndown               | 15,486         | -        | 15,486         | 20,990         | -          | 20,990         |
| Environmental Air Study                    | -              | -        | -              | -              | -          | -              |
| CCP Ruling Incremental Capex               | 572            | -        | 572            | 15,284         | -          | 15,284         |
| Incremental BR Landfill                    | -              | -        | -              | -              | -          | -              |
| <b>Total Environmental EPA regulations</b> | <b>441,967</b> | <b>-</b> | <b>441,967</b> | <b>428,277</b> | <b>536</b> | <b>428,812</b> |
| Brown Landfill (+ row 32)                  | -              | -        | -              | -              | -          | -              |
| Ghent Landfill                             | -              | -        | -              | -              | -          | -              |
| Cane Run Landfill                          | 11,243         | -        | 11,243         | -              | -          | -              |
| Trimble CCP                                | -              | -        | -              | -              | -          | -              |
| Landfills/Ponds                            | -              | -        | -              | -              | -          | -              |
| SCRs                                       | -              | -        | -              | -              | -          | -              |
| FGDs                                       | -              | -        | -              | -              | -          | -              |

Account 107- CWIP

Account 108- Cost of Removal and reserve

LGE Capex (no SCRs for 2011-2020)  
\$000s

|  | 2015           |               |                | 2011 - 2015      |               |                  |
|--|----------------|---------------|----------------|------------------|---------------|------------------|
|  | 107            | 108           | Total          | 107              | 108           | Total            |
| Environmental                              | 2,700          | -             | 2,700          | 100,622          | 150           | 100,772          |
| Environmental EPA regulations              | 328,629        | 53,809        | 382,439        | 1,428,005        | 54,581        | 1,482,585        |
| Total ECR Capital Expenditures             | 331,329        | 53,809        | 385,139        | 1,528,626        | 54,731        | 1,583,357        |
| List of significant projects:              |                |               |                |                  |               |                  |
| Environmental EPA regulations:             |                |               |                |                  |               |                  |
| Mill Creek 4 - SCR Upgrade                 | -              | -             | -              | 5,606            | -             | 5,606            |
| Brown 1 - Baghouse                         | -              | -             | -              | -                | -             | -                |
| Brown 2 - Baghouse                         | -              | -             | -              | -                | -             | -                |
| Brown 3 - Baghouse                         | -              | -             | -              | -                | -             | -                |
| Ghent 1 - Baghouse                         | -              | -             | -              | -                | -             | -                |
| Ghent 2 - Baghouse                         | -              | -             | -              | -                | -             | -                |
| Ghent 3 - Baghouse                         | -              | -             | -              | -                | -             | -                |
| Ghent 4 - Baghouse                         | -              | -             | -              | -                | -             | -                |
| Mill Creek 1 - Baghouse                    | 45,261         | 538           | 45,799         | 145,213          | 538           | 145,751          |
| Mill Creek 2 - Baghouse                    | 44,256         | 901           | 45,157         | 141,755          | 901           | 142,656          |
| Mill Creek 3 - Baghouse                    | 43,768         | -             | 43,768         | 132,645          | -             | 132,645          |
| Mill Creek 4 - Baghouse                    | 8,221          | -             | 8,221          | 151,224          | 419           | 151,643          |
| Trimble 1 - Baghouse                       | 57,141         | -             | 57,141         | 118,470          | -             | 118,470          |
| Mill Creek 1 - Combined 1&2 FGD            | 44,799         | 2,422         | 47,220         | 176,860          | 2,422         | 179,281          |
| Mill Creek 2 - Combined 1&2 FGD            | 44,818         | 2,422         | 47,239         | 176,933          | 2,422         | 179,354          |
| Mill Creek 3 - FGD (U4 update and tie in)  | 3,877          | 1,602         | 5,479          | 72,845           | 1,602         | 74,447           |
| Mill Creek 4 - FGD                         | 11,843         | -             | 11,843         | 218,315          | 116           | 218,431          |
| SAM Mitigation, SCR Turndown               | 7,607          | -             | 7,607          | 51,914           | -             | 51,914           |
| Environmental Air Study                    | -              | -             | -              | 533              | -             | 533              |
| CCP Ruling Incremental Capex               | 17,040         | 45,926        | 62,966         | 35,693           | 46,161        | 81,854           |
| Incremental BR Landfill                    | -              | -             | -              | -                | -             | -                |
| <b>Total Environmental EPA regulations</b> | <b>328,629</b> | <b>53,809</b> | <b>382,439</b> | <b>1,428,005</b> | <b>54,581</b> | <b>1,482,585</b> |
| Brown Landfill (+ row 32)                  | -              | -             | -              | -                | -             | -                |
| Ghent Landfill                             | -              | -             | -              | -                | -             | -                |
| Cane Run Landfill                          | -              | -             | -              | 19,750           | -             | 19,750           |
| Trimble CCP                                | -              | -             | -              | 70,786           | -             | 70,786           |
| Landfills/Ponds                            | -              | -             | -              | -                | -             | -                |
| SCRs                                       | -              | -             | -              | -                | -             | -                |
| FGDs                                       | -              | -             | -              | -                | -             | -                |

Account 107- CWIP

Account 108- Cost of Removal and reserve