

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

IN THE MATTER OF:

| | | |
|----------------------------------|---|----------------------------|
| APPLICATION OF BIG RIVERS |) | |
| ELECTRIC CORPORATION FOR |) | CASE NO. 2019-00269 |
| ENFORCEMENT OF RATE AND |) | |
| SERVICE STANDARDS |) | |

**CITY OF HENDERSON, KENTUCKY, AND HENDERSON UTILITY COMMISSION,
d/b/a HENDERSON MUNICIPAL POWER & LIGHT'S FIRST REQUEST
FOR INFORMATION TO BIG RIVERS ELECTRIC CORPORATION**

The City of Henderson, Kentucky, and the Henderson Utility Commission, d/b/a Henderson Municipal Power & Light (jointly "Henderson"), which was granted leave to intervene in this action on August 29, 2019, by counsel, and pursuant to the Kentucky Public Service Commission's Order dated April 28, 2020, hereby submits its First Requests for Information and requests that Applicant Big Rivers Electric Corporation (hereinafter "Big Rivers") respond to the following requests:

GENERAL INSTRUCTIONS

1. In each case where a request seeks data provided in response to a staff request, reference to the appropriate request item will be deemed a satisfactory response.
2. Please identify the witness who will be prepared to answer questions concerning each request.
3. These requests shall be deemed continuing in nature so as to require further and supplemental responses in the event Applicant receives or generates additional information

within the scope of these requests between the time of the response and the time of any hearing conducted herein.

4. If any request appears to be confusing, please request clarification directly from the undersigned.

5. To the extent that the specific document, work paper, or information as requested does not exist, but a similar document, work paper, or information does exist, provide the similar document, work paper, or information.

6. To the extent that any request may be answered by way of a computer printout, please identify each variable contained in the printout that would not be self-evident to a person not familiar with the printout.

7. If Applicant has objections to any request on the grounds that the requested information is proprietary in nature, or for any other reason, please notify the undersigned as quickly as possible.

8. For any document withheld on the basis of privilege, state the following: date; author; addressee; indicated or blind copies; all persons to whom the document was distributed, shown, or explained; and, the nature and legal basis for the privilege asserted.

9. In the event any document called for has been destroyed or transferred beyond the control of Applicant, state: the identity of the person by whom it was destroyed or transferred, and the person authorizing the destruction or transfer; the time, place, and method of destruction or transfer; and, the reason(s) for its destruction or transfer. If destroyed or disposed of by operation of a retention policy, state the retention policy.

10. To the extent that a request calls for information not available for all categories or all period of time for which the information is sought, please explain why the information is not available and answer the request for the time or categories for which it is available.

REQUESTS FOR INFORMATION

1. Is it Big Rivers' contention that either the approval or denial of its application will result in a rate increase or rate decrease, or otherwise impact the rates Big Rivers charges its customers for electrical services? If so, please provide all documentation, calculations, reconciliations, and related work papers that support this contention.

2. Is it Big Rivers' contention that either the approval or denial of its Application for will have an impact on the quantity and/or quality of service to Big Rivers' customers? If so, please provide an explanation of the effect on the quantity of service available to Big Rivers' tariffed customers, and the effect on the quality of service available to tariffed customers, including all documentation, calculations, reconciliations, and related work papers that support these contentions.

3. With respect to Henderson Circuit Court, Civil Action No. 19-CI-504 and Webster Circuit Court, Civil Action No. 18-CI-200, please cite to the portion of the court record in each case where Big Rivers challenged the jurisdiction of the Henderson Circuit Court and/or the Webster Circuit Court over the matters pending in those actions.

4. Refer to PSC Initial Data request Number 6 dated May 19, 2020. What is the source of the alleged obligation for HMPL to pay for the costs identified in the response and the basis for Big Rivers' assertion that Henderson has refused to pay?

a. Provide the case number for the filing(s) the costs were recovered.

b. Provide a complete accounting of the calculation of rates and timing of the costs and the exhibit(s) or schedule(s) identifying the expenses.

COAL

5. Refer to the Direct Testimony of Robert W. Berry, page 6, lines 6-22, through page 7, lines 1-8. Will Big Rivers acknowledge that the profitable energy which was the subject of Henderson's claim for damages filed in the Henderson Circuit Court, Civil Action No. 09-CI-693, and resolved in the December 2017 Settlement Agreement, is separate and distinct from the unprofitable energy which was at issue in PSC Case No. 2016-278 and which was addressed in the PSC Order entered January 5, 2018? If no, please explain.

6. Please state the amount of revenue Big Rivers received from any source from the sale of unprofitable energy which was unwanted by either party to the Station Two contracts for the period beginning on June 1, 2016, and ending on December 31, 2017.

8. Please quantify the variable costs associated with the generation of unprofitable energy unwanted by either party to the Station Two contracts for the period beginning on June 1, 2016, and ending on December 31, 2017.

9. Will Big Rivers acknowledge that the party responsible for paying the variable costs associated with the production of unprofitable energy is also entitled to receive the revenue from the sale of that energy?

10. Please quantify the variable costs associated with the generation of all excess energy Big Rivers took at the rate of \$1.50 per megawatt hour during the period beginning on June 1, 2016 and ending on December 31, 2018. Please include in your response documentation supporting that figure.

11. Please disclose the amount of MISO revenue Big Rivers received from any source from the sale of all energy which was generated at Station Two between June 1, 2016, and January 31, 2019, and which Big Rivers took at the rate of \$1.50 per megawatt hour. Please include in your response documentation supporting that figure.

12. Please disclose the amount of revenue Big Rivers received from the sale of all energy which was generated at Station Two between June 1, 2016, and January 31, 2019, and which Big Rivers took, less Big Rivers' marginal cost of power.

13. Does Big Rivers contend that Henderson is responsible for supplying the coal and/or paying the variable costs associated with the generation of unprofitable energy unwanted by either party from June 1, 2016, through December 31, 2017, but is not entitled to the revenue received from the sale of that energy? If so, please explain the basis of that position.

14. Refer to the Direct Testimony of Paul G. Smith, page 8, lines 8-21.

a. Please provide a copy of the invoice referenced in lines 17-19.

15. Please refer to the attached monthly invoices addressed to Henderson Municipal Power & Light.

a. Will Big Rivers acknowledge that Big Rivers prepared the invoices?

b. Will Big Rivers acknowledge that the invoices reflect the sum of what Big Rivers claims to have been a shortfall in Henderson's coal and lime supply for the time period beginning on June 1, 2016, and ending on January 31, 2019?

c. Will Big Rivers acknowledge that the invoices reflect the amount Big Rivers claims to owe or be owed for coal and lime consumed in the generation of unprofitable energy and Henderson's native load for the same time period?

d. Will Big Rivers acknowledge that the invoices reflect the amount of MISO revenue that would be due to Henderson for the sale of unprofitable energy in the event Henderson had agreed to retain the unprofitable energy?

e. Will Big Rivers acknowledge that its position prior to the filing of its application on July 31, 2019, was that Henderson was responsible for supplying the coal and lime and/or paying other variable costs associated with the production of unprofitable energy and was also entitled to receive all revenue from the sale of that unprofitable energy?

f. Will Big Rivers acknowledge that, in the event the PSC accepts the referenced invoices as an accurate reflection of the parties' respective financial positions regarding the generation of unprofitable energy, payment of the invoices and remittance of the associated revenue would resolve the financial dispute regarding this issue?

g. Refer to the attached "Exhibit A, Big Rivers Electric Corporation Summary of Revenues & Costs associate with Excess Henderson Energy."

i. Will Big Rivers acknowledge that it prepared the referenced exhibit?

ii. Will Big Rivers acknowledge that the scenario marked "HMPL Coal When Available" reflects the financial calculations that would apply where Big Rivers used Henderson's coal when available to generate unprofitable energy and Henderson's native load, and used Big Rivers' coal when Henderson's coal was unavailable?

iii. Will Big Rivers acknowledge that the financial resolution reflected in the "HMPL Coal When Available" scenario represents the ultimate resolution of the dispute referenced in Request 15(f)?

16. Does Big Rivers contend that excess energy generated at Station Two between June 1, 2016 and January 4, 2018, belongs to Henderson if it is uneconomic but belongs to Big

Rivers if it is economic? If your response is in the affirmative, please explain in detail the basis for your position.

BUDGET SETTLEMENT

17. Will Big Rivers acknowledge that Big Rivers prepared the attached FY 2018 Station Two Annual Settlement Summary?

18. Will Big Rivers acknowledge that the attached FY 2018 Station Two Annual Settlement Summary indicates correctly that Big Rivers owes Henderson \$1,649,922.53 as a result of the annual budget settlement process for FY 2018?

19. Will Big Rivers acknowledge that Big Rivers has not paid Henderson any of the amount owed as a result of the annual budget settlement process for FY 2018?

10. Will Big Rivers acknowledge that Big Rivers prepared the attached Station Two Settlement For the Period June 1, 2018, through January 31, 2019?

21. Will Big Rivers acknowledge that the attached Station Two Settlement For the Period June 1, 2018, through January 31, 2019, indicates correctly that Big Rivers owes Henderson \$672,056.42 as a result of the annual budget settlement process for FY 2019?

SEVERANCE

22. Will Big Rivers acknowledge that it deducted severance costs from the capacity payment Henderson made for FY 2019?

23. Will Big Rivers acknowledge that all employees who received severance packages were Big Rivers employees and not Henderson employees?

24. Will Big Rivers acknowledge that Henderson was not under a legal obligation to contribute to costs associated with the severance packages Big Rivers offered to its Station Two

employees? If no, please describe the legal obligation and cite to the authority that imposes such an obligation.

25. Will Big Rivers acknowledge that Henderson was not under a contractual obligation to contribute to costs associated with the severance packages Big Rivers offered to its Station Two employees? If no, please describe the contractual obligation and cite to the contractual provision that imposes such an obligation.

DECOMMISSIONING

26. Please provide Big Rivers' definition of the term decommissioning as defined and accepted within the industry and provide the basis of that understanding.

27. Please describe Big Rivers' understanding of the term "decommissioning" as referenced in the Station II contracts.

a. Please provide the source of Big Rivers' assertions concerning the decommissioning process and the basis for its opinion concerning the necessary scope and timing of decommissioning Station Two.

b. What legal or regulatory authority mandates decommissioning as proposed by Big Rivers?

28. Please describe the extent to which Big Rivers has either decommissioned or participated in the decommissioning of any other coal-fired generation plant. For each such plant, please provide the name, location, dates of decommissioning and extent to which each plant was decommissioned and the approximate cost of decommissioning.

a. Describe the "decommissioning" process followed in relation to the plant(s) described above.

b. Describe the timing of the decommissioning process, the date of each step in the process and the cost of each step of the process.

c. Provide all reports, analyses, studies or other documentation related to the decommissioning of the plant(s).

d. If the plant(s) have not been decommissioned, explain why and provide all reports, analyses, studies or other documentation related to the delay in the decommissioning of the plant(s).

29. For each coal-fired generation plant identified in your response to Request No. 10, please state whether asbestos was fully removed from the plant and, if so, on what date and at what cost? If not, explain why asbestos was not fully removed.

30. For each coal-fired generation plant identified in your response to Request No. 9, please state whether the plant has been demolished and, if so, provide the date and cost of demolition. If not, explain why the plant has not been demolished and provide all reports, analyses, studies or other documentation related to the delay in the demolition of the plant(s).

31. Please describe to the best of your understanding the meaning of the term “safe, dark, and dry” as accepted in the industry and as used in a decommissioning context and describe in detail the steps necessary to bring a coal-fired generation plant to “safe, dark, and dry” status. Provide all documentation supporting your response.

32. Please state whether Big Rivers sought Henderson approval concerning which activities would constitute rendering the plant “safe, dark, and dry.” Provide all documentation supporting your response.

33. Refer to the Direct Testimony of Michael T. Pullen, page 4, lines 28-33, and page 5, lines 1-10.

a. On what basis did Big Rivers determine it was necessary to perform the work associated with placing Station Two in a “dry, dark, and safe” condition?

b. How did Big Rivers determine the actions and activities needed to place Station Two in a “dry, dark, and safe” condition?

c. What engineering analysis was performed to determine the steps needed to place Station Two in a “dry, dark, and safe” condition? Who performed that analysis?

d. Please provide copies of all analyses, assessments, emails, and other documents associated with determining the steps needed to place Station Two in a “dry, dark, and safe” condition.

e. What actions were considered as alternatives to placing Station Two in a “dry, dark, and safe” condition? Provide all documentation addressing alternatives Big Rivers considered to placing Station Two in a “dry, dark, and safe” condition.

f. Please identify every activity Big Rivers performed to place Station Two in a “dry, dark, and safe” condition.

g. Please provide a spreadsheet listing in electronic format every activity Big Rivers performed to place Station Two in a “dry, dark, and safe” condition and identifying all costs for each of those activities, all man hours, materials, material costs, disposal costs, vendors or contractors used, date activities started and completed, chemical and oils removed, etc.

34. Refer to the Direct Testimony of Michael T. Pullen, page 8, lines 8-12.

a. Please identify the consultant referenced on line 11.

b. Please describe the process Big Rivers used to select this consultant.

c. Please provide all bid specifications used to select the consultant.

d. Please provide copies of all correspondence with the consultant associated with preparation of decommissioning and dismantlement bid specifications for Station Two.

e. Identify all other consultants from whom Big Rivers requested proposals for preparation of decommissioning and dismantlement bid specifications for Station Two. Provide copies of all correspondence with those consultants.

f. Did the referenced consultant perform a site visit? If so, please provide the date of the site visit and identify all persons who were present.

35. Refer to the Direct Testimony of Michael T. Pullen, page 8, lines 20-21.

a. What criteria was used to determine the need for asbestos abatement?

b. Identify all areas of the plant which require asbestos abatement. Provide plant drawings identifying areas requiring asbestos abatement and showing precise locations where the asbestos is located.

c. Describe how Big Rivers identified those areas requiring asbestos abatement.

d. Describe the processes and methods used during the operation of Station Two to ensure asbestos did not become airborne, become an environmental hazard and/or a personnel hazard.

e. Describe the process Big Rivers used to develop the specifications for asbestos abatement at Station Two.

f. Provide copies of all correspondence containing reference to asbestos abatement specifications at Station Two.

g. What alternatives did big Rivers consider for asbestos abatement at Station Two?

36. Refer to the Direct Testimony of Michael T. Pullen, page 14, lines 7-14.

a. Who prepared the Request for Bids for asbestos abatement at Station Two?

b. Please provide copies of the bid specifications used in the Request for Bids for asbestos abatement advertised on May 30, 2019.

c. Please provide copies of all bid proposals for asbestos abatement at Station Two.

d. Did the two (2) bidders perform a site walk down of Station Two? If so, provide the date of the walk down and identify all persons present during the walk down.

37. Refer to the Direct Testimony of Jeffery T. Kopp, page 9, lines 1-10:

a. How many power generation facilities has Burns & McDonnell Engineering Co. Inc. (B&M) evaluated to determine the cost-effectiveness of retiring in place as a long term post-retirement solution? Please identify each such facility and the recommendation B&M made with respect to each such facility.

b. Please quantify the minimum “carrying costs” associated with retirement in place for each generation facility B&M has evaluated to determine post-retirement options.

c. Please provide the studies which provide the basis of Mr. Kopp’s testimony that carrying costs associated with retirement in place typically exceed demolition costs within five to seven years.

d. Please identify and provide copies of all post-retirement option studies in which B&M has found that carrying costs associated with retirement in place do not exceed demolition costs within five to seven years.

c. Is Mr. Kopp aware of any power generation facilities that were not demolished within five to seven years of plant retirement? Please identify those facilities, including any industrial generation facilities.

f. Has B&M performed a cost analysis to determine the cost of maintaining Station Two in retired-in-place condition over a five to seven year period? If so, provide copies of that analysis.

g. Has B&M performed a cost analysis to determine the cost of fully demolishing Station Two? If so, provide copies of that analysis.

h. Has B&M performed an analysis which compares retirement in place to full demolition of Station Two on a life-cycle basis? If so, provide copies of that analysis.

i. Please identify the key parameters and assumptions used in performing an analysis comparing retirement in place to full demolition of Station Two on a life-cycle basis. Include the following parameters:

- i. Time period for the assessment;
- ii. Assumptions;
- iii. Cost of capital;
- iv. Amortization of costs;
- v. Inflation rate;
- vi. Contingencies;
- vii. Level of accuracy of the assessment;
- viii. Level of accuracy of cost estimates;
- ix. Any other critical parameters.

38. Refer to the Direct Testimony of Jeffery T. Kopp, page 10, lines 14-21, through page 11, lines 1-9:

a. On what basis has Mr. Kopp determined that Station Two should be demolished and the site restored to conditions suitable for industrial use?

b. Please identify any federal, state, or local regulations requiring Station Two to be restored to conditions suitable for industrial use?

c. Please identify any federal, state, or local regulations which define the site conditions required for restoration of a retired power generation facility site to conditions suitable for industrial use.

d. How does B&M define the term "site conditions suitable for industrial use?"

e. What is the source of B&M's definition of the term "site conditions suitable for industrial use?"

f. What was the basis for B&M's determination that the Station Two site should be returned to conditions suitable for industrial use?

g. Has B&M performed an analysis to determine the cost of restoring the Station Two site to conditions suitable for industrial use? If so, provide a copy of that analysis.

MAINTENANCE

39. Please define the term "maintenance" as used in the Station Two contracts and provide the source of that definition.

a. Does Big Rivers contend that the definition provided in response to the previous part of this request is the definition to be used in interpreting the contracts at issue in this proceeding?

40. Please describe in detail all activities which continue to occur at Station Two and which you believe constitute maintenance.

MISO REGISTRATION

41. Did Big Rivers represent to MISO that Henderson had approved the registration of Henderson's native load and the Station Two units in the MISO market? If so, state the date and form of that representation and provide any supporting documentation.

42. Does Big Rivers deny that Henderson specifically advised Big Rivers that Big Rivers did not have authority from Henderson to register Henderson's native load or the Station Two units in the MISO market?

43. Will Big Rivers acknowledge that Henderson was entitled to make an independent determination as to whether to register its native load and the Station Two units in the MISO market? If no, please explain.

44. Will Big Rivers acknowledge that Henderson was entitled to seek its own market participant in the event Henderson elected to register its native load or the Station Two units in the MISO market?

45. Will Big Rivers acknowledge that, by registering Henderson's native load and the Station Two units with MISO, Big Rivers prevented Henderson from registering its load and the units with MISO? If no, please explain.

46. Please describe the character and amount of any financial or other type of benefit Big Rivers received as a result of its having joined the MISO market.

47. Please state whether Big Rivers shared with Henderson any financial or other type of benefit Big Rivers received as a result of its having registered the Station Two units with MISO.

MISO FEES

48. How did the inclusion of the Station Two units in Big Rivers' MISO registration affect the amount of the fees MISO charged to Big Rivers? Include in your response the difference between the amount that would have been charged with the Station Two units included in the registration and the amount that would have been charged with the units excluded.

49. Will Big Rivers acknowledge that Henderson could have remained in compliance with the NERC Contingency Reserve requirements in a way that did not involve joining MISO? If no, please explain.

50. Will Big Rivers acknowledge that the attached FY 2018 Station Two Annual Settlement Summary reflects an allocation to Henderson of \$275,193.49 in MISO fees for FY 2018?

51. Will Big Rivers acknowledge that the attached Station Two Settlement For the Period June 1, 2018, through January 31, 2019, reflects an allocation to Henderson of \$203,836.43 in MISO fees for FY 2019?

52. Refer to the Direct Testimony of Mark J. Eacret, Exhibit Eacret-4.

a. Will Big Rivers acknowledge that the Schedule 23 MISO fees in the total sum of \$753,538.92 are for network and/or point-to-point transmission service which Henderson did not receive?

b. Will Big Rivers acknowledge that Henderson owned the point-to-point transmission from Station Two to Henderson's load meters?

c. Will Big Rivers acknowledge that Henderson is not a customer of Big Rivers?

d. Will Big Rivers acknowledge that the Schedule 17 MISO fees in the sum of \$272,801.97 are recoverable only from MISO market participants?

e. Will Big Rivers acknowledge that Henderson was not a market participant between December 2010 and May 2016?

f. Will Big Rivers acknowledge that the fees for RT Spinning Reserves, RT Regulation Reserves, and RT Supplemental Reserves reflect MISO market prices for operating reserves between December 2010 and May 2016?

g. Will Big Rivers acknowledge that Henderson met its reserve requirements independently and without purchasing reserves from the MISO market between December 2010 and May 2016?

h. Will Big Rivers acknowledge that Henderson had first call on capacity and energy from Station Two between December 2010 and May 2016?

LANDFILL

53. Will Big Rivers acknowledge that the Green Landfill is a facility owned and operated by Big Rivers and located on Big Rivers property?

54. Refer to the Direct Testimony of Robert W. Berry, page 46, lines 15-22, through page 47, lines 1-7. Please describe the ongoing capital costs Big Rivers expects to incur with respect to the Green Landfill and explain the basis of your position that ongoing capital costs are attributable to Station Two waste.

55. Will Big Rivers acknowledge that the Green Landfill had sufficient space without construction of a high wall to accommodate all Station Two waste disposed of prior to the date the plant ceased to operate? If no, please provide the date on which the Green Landfill ceased to have sufficient space to accommodate Station Two waste.

56. Please describe the high-wall project associated with the Green Landfill and explain the reason for and timing of Big Rivers' decision to undertake the project.

57. Please provide the date on which Big Rivers began construction of the high wall at the Green Landfill.

a. Please provide an itemization of the high-wall expenses allocated to Henderson in each year since Big Rivers undertook the high-wall project.

b. Please provide the methodology Big Rivers used to calculate Henderson's share of high-wall expenses and the capacity split on which the calculation was based.

58. Please provide a copy of any and all contracts between Big Rivers and CHARAH and between Big Rivers and any other entity concerning disposal of the Reid-Station Two Ash Pond dredgings over the life of the Green Landfill.

59. Please provide what Big Rivers' understands to be the definition of "ash pond dredgings" as that term is used in the Joint Facilities Agreement and provide the basis of that understanding.

60. Will Big Rivers acknowledge that Henderson paid Big Rivers a per-ton rate for disposal of the dredgings from the Reid-HMPI, Ash Pond?

61. Will Big Rivers acknowledge that Henderson paid Big Rivers a per-ton rate for disposal of the scrubber sludge waste from Station Two?

62. Please disclose the quantity of ash-pond dredgings that were disposed of in the Green Landfill. Include documentation supporting your answer.

63. Please disclose the quantity of scrubber sludge waste attributable to Station Two and disposed of in the Green Landfill. Include documentation supporting your answer.

64. Please disclose the quantity of scrubber sludge waste attributable to Big Rivers' Green Station and disposed of in the Green Landfill. Include documentation supporting your answer.

65. Please state whether waste from any source other than Station Two and Big Rivers' Green Station was deposited in the Green Landfill. If so, please identify each source of waste and state the amount of waste attributable to each source and disposed of in the Green Landfill.

66. Refer to the attached pages from the Station Two budgets for fiscal years 2015, 2016, and 2017.

a. Please explain why the rate for "Landfill Pozatec/Ash Disposal" increased from \$1.78 per ton in 2015 to \$5.61 per ton in 2016. Include documentation supporting your response.

b. Please provide an itemized list of those expenditures that make up the "Landfill Pozatec/Ash Disposal" rate.

c. Please explain why the rate for "Landfill Pozatec/Ash Disposal" increased from \$5.61 per ton in 2016 to \$6.85 per ton in 2017. Include documentation supporting your response.

67. Please describe in detail the service(s) Henderson receives in exchange for Henderson's payment of a per-ton "Landfill Usage Fee."

68. Refer to the Direct Testimony of Michael T. Pullen, page 17, lines 19-20. Please describe in full the activities Big Rivers believes to be involved in fully decommissioning the Station Two Ash Pond dredgings.

69. Refer to the Direct Testimony of Michael T. Pullen, page 17, lines 19-20, and page 18, lines 1-2. Please describe the activities involved in maintaining the Station Two Ash Pond dredgings in the Green Landfill and state the costs associated with such maintenance.

70. Refer to the Direct Testimony of Michael T. Pullen, page 18, lines 11-15. Please describe the methodology used by Big Rivers to conclude that approximately 12 percent of the ash produced and currently stored in the Green Landfill is attributable to a Joint Use Facility. Please provide all documentation, calculations, reconciliations and related work papers supporting your response.

71. Refer to the Direct Testimony of Michael T. Pullen, page 18, lines 7-15. Will Big Rivers acknowledge that the percentage of ash contained in the Green Landfill and attributable to a Joint Use Facility will be less than 12 percent at the end of the landfill's useful life?

72. Is it Big Rivers' contention that a favorable ruling to Big Rivers by the PSC on all issues raised by Big Rivers' in this application will fully and finally resolve all factual and legal issues raised in the application?

- a. If not, identify the factual and legal issues that will remain unresolved.
- b. Is it Big Rivers position that all assumptions referenced in the testimony and application related to each aspect of decommissioning as Big Rivers has defined that term will not change during the course of the decommissioning process?
- c. If no, explain how the Commission can issue a final ruling on issues that are not completed and will change over time.
- d. Are all monetary claims against Henderson related to the issues raised in this application known, measurable and final?

e. If not, identify the monetary claims that are not known, measurable and final and when those claims will become final.

73. Are all of the costs and damages alleged by Big Rivers to be associated with decommissioning estimates based on information currently available to Big Rivers?

a. When will all estimated costs and damages asserted by Big Rivers to be owed by Henderson be finally known?

b. Will Big Rivers need to return to the PSC in the future to claim additional monetary damages from Henderson as a result of changes in the costs asserted in the application or as a result of additional costs not asserted in the application?

c. If yes, should not the determination of costs and damages claimed by Big Rivers to be owed by Henderson be deferred until the costs and damages are final?

74. If the PSC rules favorably for Big Rivers in this case and orders Henderson to pay the costs claimed to be due, what is Henderson's remedy if those the costs and damages incurred by Big Rivers are less than the amounts paid by Henderson?

75. Is it Big Rivers position that Henderson has refused to pay any costs associated with the issues raised by Big Rivers or has Henderson disputed the amounts of expenses and damages alleged by Big Rivers to be owed by Henderson?

76. Will Big Rivers acknowledge that Sections 3.3 and 3.5 of the Power Sales Contract, as amended, allowed Henderson to determine the amount of capacity it wished to reserve from Station Two for a given fiscal year?

77. Will Big Rivers acknowledge that Henderson reserved 115 MW of capacity from Station Two for FY 2018-2019 pursuant to the attached letter dated May 10, 2018?

Respectfully submitted,

/s/John N. Hughes
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Station Two Settlement - BREC/ HMPL
 For the Period June 1, 2018 through January 31, 2019

BREC/ HMPL Station Two Settlement

| | | |
|---|---|------------------------|
| <u>G&A/O&M:</u> | | |
| | HMPL payments to BREC for Station Two G&A/ O&M expenses | \$ (7,082,620.09) |
| | HMPL deposits to Station Two O&M Fund on behalf of BREC | (342,379.03) |
| | HMPL share of BREC's actual Station Two G&A/ O&M expenses | 6,946,150.01 |
| | HMPL share of actual Station Two capital expenditures incurred but not yet closed as of 1/31/2019 | 26,988.92 |
| | HMPL share of MISO charges | 203,636.43 |
| (A) | <u>G&A/O&M Settlement - Due (From)/ To BREC</u> | <u>\$ (248,223.76)</u> |
| <u>Inventory:</u> | | |
| | HMPL payments to BREC for Station Two Inventory | \$ (480,241.72) |
| | HMPL share of cost of inventory purchased by BREC for Station Two | 56,409.06 |
| (B) | <u>Inventory Settlement - Due (From)/ To BREC</u> | <u>\$ (423,832.66)</u> |
| <u>HMPL Share of Proceeds from Sale of Station Two Emission Allowances:</u> | | |
| (C) | <u>Emission Allowances Settlement - Due (From)/ To BREC</u> | <u>\$ -</u> |
| (D) | <u>Total Other Adjustments - Due (From)/ To BREC</u> | <u>\$ -</u> |
| | Amount Due From/ (To) HMPL | \$ (672,056.42) |
| | [(A) + (B) + (C) + (D)] | |

FY 2018 - Station Two Annual Settlement
 BREC / HMPL
 Summary

| | | HMPL | BREC |
|---|-----------|------------------------|---------------------|
| I. Station Two O&M Fund Settlement - FY 2018 | | | |
| Actual funding of Station Two O&M Fund | (Page 2) | \$ 380,949.58 | \$ 618,322.44 |
| Interest earned on Station Two funds | (Page 3) | 50.09 | 85.79 |
| HMPL's actual Station Two expenses | (Page 4) | (350,495.08) | (600,413.58) |
| Adjustment for over-payment to HMPL from SII O&M Fund | (Page 4a) | (201,166.96) | - |
| FY 2018 Settlement - Due From/ (To) Station Two O&M Fund | | \$ (190,662.39) | \$ 17,994.57 |

| | | | |
|---|----------|--------------------------------|--------------------------|
| II. BREC/ HMPL Station Two Settlement - FY 2018 | | | |
| <u>G&A/O&M:</u> | | | |
| HMPL payments to BREC for Station Two G&A/ O&M expenses | (Page 2) | \$ (12,141,634.43) | |
| HMPL deposits to Station Two O&M Fund on behalf of BREC | (Page 2) | (618,322.44) | |
| HMPL share of BREC's actual Station Two G&A/ O&M expenses | (Page 5) | 11,461,176.36 | |
| Actual capital expenditures not yet closed as of end of FY 2018 but applied to FY 2018 Settlement | | - | |
| Agreed upon statement of purchase rejects (FY 2018) | (Page 6) | (43,440.34) | |
| HMPL share of MISO charges | (Page 8) | 275,193.49 | |
| (A) G&A/O&M Settlement - Due (From)/ To BREC | | | \$ (1,067,027.36) |
| <u>Inventory:</u> | | | |
| HMPL payments to BREC for Station Two Inventory | (Page 2) | \$ (823,271.53) | |
| HMPL share of cost of inventory purchased by BREC for Station Two | (Page 5) | 283,487.23 | |
| (B) Inventory Settlement - Due (From)/ To BREC | | | \$ (539,784.30) |
| <u>HMPL Share of Proceeds from Sale of Station Two Emission Allowances:</u> | | | |
| (C) Emission Allowances Settlement - Due (From)/ To BREC | (Page 5) | \$ (4.87) | |
| <u>Other Adjustments:</u> | | | |
| HMPL Share Reid 1 Allocation Adjustments (for Jun-17 through Sep-17) | (Page 9) | (43,106.00) | |
| (D) Total Other Adjustments - Due (From)/ To BREC | | | \$ (43,106.00) |
| FY 2018 Settlement - Due From/ (To) HMPL | | [(A) + (B) + (C) + (D)] | \$ (1,649,922.53) |

**Henderson Station Two
2018 / 2019 Operating Plan
Variable Costs**

| | <u>Jun '18</u> | <u>Jul '18</u> | <u>Aug '18</u> | <u>Sep '18</u> | <u>Oct '18</u> | <u>Nov '18</u> | <u>Dec '18</u> | <u>Jan '19</u> | <u>Feb '19</u> | <u>Mar '19</u> | <u>Apr '19</u> | <u>May '19</u> | <u>FYE 18/19</u> |
|---------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Net Generation (MWH) | | | | | | | | | | | | | |
| STATION TWO | 43,808 | 111,069 | 77,147 | 14,801 | 5,027 | 0 | 9,703 | 173,222 | 134,013 | 103,010 | 5,081 | 74,895 | 751,776 |
| BREC | 16,900 | 45,196 | 28,540 | 5,238 | 829 | 0 | 1,337 | 91,604 | 69,293 | 44,741 | 952 | 29,500 | 334,190 |
| HMP&L | 26,848 | 65,873 | 48,607 | 9,563 | 4,198 | 0 | 8,366 | 81,618 | 64,720 | 58,269 | 4,129 | 45,395 | 417,586 |
| GREEN | 237,866 | 255,568 | 255,447 | 232,321 | 250,264 | 232,255 | 267,499 | 319,395 | 287,640 | 274,927 | 238,571 | 249,651 | 3,101,404 |
| Gross Tons of Disposal | | | | | | | | | | | | | |
| STATION TWO | 9,136 | 23,163 | 16,089 | 3,087 | 1,048 | 0 | 2,024 | 36,125 | 27,948 | 21,483 | 1,060 | 15,619 | 156,782 |
| BREC | 3,537 | 9,426 | 5,952 | 1,092 | 173 | 0 | 279 | 19,104 | 14,453 | 9,331 | 199 | 6,152 | 69,696 |
| HMP&L | 5,599 | 13,738 | 10,137 | 1,994 | 875 | 0 | 1,745 | 17,021 | 13,497 | 12,152 | 861 | 9,467 | 87,086 |
| GREEN | 43,534 | 46,774 | 46,752 | 42,519 | 45,803 | 42,507 | 48,958 | 58,456 | 52,644 | 50,317 | 43,663 | 45,691 | 567,618 |
| STATION TWO & GREEN Total | 52,670 | 69,937 | 62,841 | 45,606 | 46,851 | 42,507 | 50,982 | 94,581 | 60,592 | 71,800 | 44,723 | 61,310 | 724,400 |
| <i>Station Two % of Site Disposal</i> | <i>17.3%</i> | <i>33.1%</i> | <i>25.6%</i> | <i>6.8%</i> | <i>2.2%</i> | <i>0.0%</i> | <i>4.0%</i> | <i>38.2%</i> | <i>34.7%</i> | <i>29.9%</i> | <i>2.4%</i> | <i>25.5%</i> | |

DISPOSAL COSTS

Landfill Pozatec/Ash Disposal - \$5.85/ton

| | | | | | | | | | | | | | |
|-------------|-----------|------------|-----------|-----------|----------|------|-----------|------------|------------|------------|----------|-----------|------------|
| STATION TWO | \$ 53,446 | \$ 135,504 | \$ 94,121 | \$ 18,059 | \$ 6,131 | \$ - | \$ 11,840 | \$ 211,331 | \$ 163,496 | \$ 125,676 | \$ 6,201 | \$ 91,371 | \$ 917,176 |
| BREC | \$ 20,691 | \$ 55,142 | \$ 34,819 | \$ 6,388 | \$ 1,012 | \$ - | \$ 1,632 | \$ 111,758 | \$ 84,538 | \$ 54,586 | \$ 1,164 | \$ 35,989 | \$ 407,719 |
| HMP&L | \$ 32,754 | \$ 80,367 | \$ 59,301 | \$ 11,665 | \$ 5,119 | \$ - | \$ 10,208 | \$ 99,573 | \$ 78,957 | \$ 71,089 | \$ 5,037 | \$ 55,382 | \$ 599,452 |

Landfill Usage Fee - \$1.077/ton

| | | | | | | | | | | | | | |
|-------|----------|-----------|-----------|----------|--------|------|----------|-----------|-----------|-----------|--------|-----------|-----------|
| HMP&L | \$ 6,030 | \$ 14,796 | \$ 10,918 | \$ 2,148 | \$ 942 | \$ - | \$ 1,879 | \$ 18,332 | \$ 14,536 | \$ 13,068 | \$ 927 | \$ 10,196 | \$ 93,792 |
|-------|----------|-----------|-----------|----------|--------|------|----------|-----------|-----------|-----------|--------|-----------|-----------|

DISPOSAL COSTS

| | | | | | | | | | | | | | |
|-------------|-----------|------------|------------|-----------|----------|------|-----------|------------|------------|------------|----------|------------|--------------|
| STATION TWO | \$ 59,476 | \$ 150,300 | \$ 105,039 | \$ 20,207 | \$ 7,073 | \$ - | \$ 13,719 | \$ 229,663 | \$ 178,032 | \$ 138,764 | \$ 7,128 | \$ 101,567 | \$ 1,010,968 |
| BREC | \$ 20,691 | \$ 55,142 | \$ 34,819 | \$ 6,388 | \$ 1,012 | \$ - | \$ 1,632 | \$ 111,758 | \$ 84,538 | \$ 54,586 | \$ 1,164 | \$ 35,989 | \$ 407,719 |
| HMP&L | \$ 38,784 | \$ 95,163 | \$ 70,219 | \$ 13,813 | \$ 6,061 | \$ - | \$ 12,087 | \$ 117,905 | \$ 93,493 | \$ 84,177 | \$ 5,964 | \$ 65,578 | \$ 603,244 |

**Henderson Station Two
2018 / 2019 Operating Plan
Variable Costs**

| | Jun '18 | Jul '18 | Aug '18 | Sep '18 | Oct '18 | Nov '18 | Dec '18 | Jan '19 | Feb '19 | Mar '19 | Apr '19 | May '19 | FYE 18/19 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|--------------------|
| REAGENTS & OTHER VARIABLE COSTS | | | | | | | | | | | | | |
| Shared FGD System | | | | | | | | | | | | | |
| Green Fixation Lime | \$ 92,253 | \$ 99,118 | \$ 99,072 | \$ 90,103 | \$ 97,062 | \$ 90,077 | \$ 103,746 | \$ 126,825 | \$ 114,216 | \$ 109,168 | \$ 94,731 | \$ 99,131 | \$1,215,502 |
| Green Sodium Bisulfite | 9,119 | 9,798 | 9,793 | 8,907 | 9,595 | 8,904 | 10,255 | 12,498 | 11,256 | 10,758 | 9,336 | 9,769 | 119,988 |
| STII Fixation Lime | 19,466 | 49,354 | 34,281 | 6,577 | 2,234 | - | 4,312 | 78,807 | 60,969 | 46,864 | 2,311 | 34,073 | 339,248 |
| STII Sodium Bisulfite | - | - | - | - | - | - | - | - | - | - | - | - | 0 |
| STII Ash Pond Dredging | - | - | 52,500 | 52,500 | - | - | - | - | - | - | - | - | 105,000 |
| STII Landfill | 32,497 | 32,497 | 32,497 | 32,497 | 32,497 | 29,630 | 29,630 | 29,630 | 29,630 | 29,630 | 29,630 | 32,497 | 372,762 |
| Total Shared FGD System Costs | \$ 153,335 | \$ 190,767 | \$ 228,143 | \$ 190,584 | \$ 141,388 | \$ 128,611 | \$ 147,943 | \$ 247,760 | \$ 216,071 | \$ 196,420 | \$136,008 | \$175,470 | \$2,152,500 |
| <i>Station Two % of Site Disposal</i> | 17.3% | 33.1% | 25.6% | 6.8% | 2.2% | 0.0% | 4.0% | 38.2% | 34.7% | 29.9% | 2.4% | 25.5% | |
| Total STATION TWO Shared Allocation | \$ 26,597 | \$ 63,182 | \$ 58,411 | \$ 12,900 | \$ 3,163 | \$ 0 | \$ 5,873 | \$ 94,631 | \$ 74,930 | \$ 58,770 | \$ 3,224 | \$ 44,702 | \$ 446,383 |
| Non-Shared Reagents & Other Costs | | | | | | | | | | | | | |
| STII Ammonia | \$ 9,906 | \$ 25,115 | \$ 17,445 | \$ 3,347 | \$ 1,137 | \$ - | \$ 2,194 | \$ 39,169 | \$ 30,303 | \$ 23,293 | \$ 1,149 | \$ 16,935 | \$ 169,993 |
| STII Emulsified Sulfur | 4,528 | 11,480 | 7,974 | 1,530 | 520 | - | 1,003 | 17,907 | 13,853 | 10,649 | 525 | 7,742 | 77,711 |
| STII Air Emission Fees | 27,451 | 27,451 | 27,451 | 27,451 | 27,451 | 27,451 | 27,451 | 27,451 | 27,451 | 27,451 | 27,451 | 27,451 | 329,412 |
| STII FGD System Amortization | 4,794 | 4,794 | 4,794 | 4,794 | 4,794 | 4,794 | 4,794 | 1,410 | 1,410 | 1,410 | 1,410 | 1,410 | 40,608 |
| Total STATION TWO Non-Shared | \$ 46,679 | \$ 68,840 | \$ 57,664 | \$ 37,122 | \$ 33,902 | \$ 32,245 | \$ 35,442 | \$ 85,937 | \$ 73,017 | \$ 62,803 | \$ 30,535 | \$ 53,538 | \$ 617,724 |
| TOTAL REAGENTS & OTHER VARIABLE COSTS | | | | | | | | | | | | | |
| STATION TWO | \$ 73,276 | \$ 132,022 | \$ 116,075 | \$ 50,022 | \$ 37,065 | \$ 32,245 | \$ 41,315 | \$ 180,568 | \$ 147,947 | \$ 121,573 | \$ 33,759 | \$ 98,240 | \$1,064,107 |
| BREC @ 187 MW | \$ 43,919 | \$ 79,129 | \$ 69,571 | \$ 29,981 | \$ 22,215 | \$ 19,326 | \$ 24,763 | \$ 108,225 | \$ 88,673 | \$ 72,866 | \$ 20,234 | \$ 58,881 | \$ 637,782 |
| HMP&L @ 125 MW | \$ 29,358 | \$ 52,888 | \$ 46,505 | \$ 20,047 | \$ 14,850 | \$ 12,919 | \$ 16,552 | \$ 72,343 | \$ 59,275 | \$ 48,708 | \$ 13,525 | \$ 39,359 | \$ 426,326 |
| TOTAL VARIABLE COSTS | | | | | | | | | | | | | |
| STATION TWO | \$ 132,752 | \$ 282,322 | \$ 221,114 | \$ 70,229 | \$ 44,138 | \$ 32,245 | \$ 55,034 | \$ 410,231 | \$ 325,979 | \$ 260,337 | \$ 40,887 | \$199,807 | \$2,075,075 |
| BREC | \$ 64,610 | \$ 134,271 | \$ 104,390 | \$ 36,369 | \$ 23,227 | \$ 19,326 | \$ 26,395 | \$ 219,983 | \$ 173,211 | \$ 127,452 | \$ 21,398 | \$ 94,870 | \$1,045,502 |
| HMP&L | \$ 68,142 | \$ 148,051 | \$ 116,724 | \$ 33,860 | \$ 20,911 | \$ 12,919 | \$ 28,639 | \$ 190,248 | \$ 152,768 | \$ 132,885 | \$ 19,489 | \$104,937 | \$1,029,573 |

**Henderson Station Two
2017 / 2018 Operating Plan
FGD System Costs**

| | Jun '17 | Jul '17 | Aug '17 | Sep '17 | Oct '17 | Nov '17 | Dec '17 | Jan '18 | Feb '18 | Mar '18 | Apr '18 | May '18 | FYE 17/18 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| NET GENERATION (MWH) | | | | | | | | | | | | | |
| STATION TWO: | 177,391 | 191,321 | 189,182 | 175,661 | 185,033 | 178,056 | 191,504 | 214,687 | 193,180 | 209,903 | 195,596 | 196,458 | 2,297,972 |
| BREC: | 100,319 | 115,796 | 112,662 | 97,242 | 107,080 | 104,563 | 117,730 | 156,079 | 136,368 | 147,693 | 132,205 | 127,948 | 1,455,685 |
| HMP&L | 77,072 | 75,525 | 76,520 | 78,419 | 77,953 | 73,493 | 73,774 | 58,608 | 56,812 | 62,210 | 63,391 | 68,510 | 842,267 |
| GREEN: | 239,487 | 262,757 | 260,250 | 224,414 | 252,553 | 240,643 | 273,366 | 324,076 | 288,853 | 298,974 | 261,466 | 255,986 | 3,182,825 |
| DISPOSAL (TONS) | | | | | | | | | | | | | |
| STATION TWO: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 35,565 | 38,358 | 37,929 | 35,219 | 37,097 | 35,699 | 38,395 | 43,043 | 38,731 | 42,084 | 39,215 | 39,388 | 460,723 |
| Bottom Ash - Tons / Gross MWH | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | |
| Bottom Ash - Tons of Disposal | 1,518 | 1,638 | 1,619 | 1,503 | 1,584 | 1,524 | 1,639 | 1,838 | 1,653 | 1,797 | 1,674 | 1,681 | 19,668 |
| STATION TWO Gross Tons of Disposal | 37,083 | 39,996 | 39,548 | 36,722 | 38,681 | 37,223 | 40,034 | 44,881 | 40,384 | 43,881 | 40,889 | 41,069 | 480,391 |
| BREC: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 20,113 | 23,216 | 22,588 | 19,496 | 21,468 | 20,964 | 23,604 | 31,293 | 27,341 | 29,611 | 26,506 | 25,652 | 291,852 |
| Bottom Ash - Tons / Gross MWH | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | |
| Bottom Ash - Tons of Disposal | 858 | 991 | 964 | 832 | 917 | 895 | 1,008 | 1,336 | 1,167 | 1,264 | 1,131 | 1,095 | 12,458 |
| BREC Gross Tons of Disposal | 20,971 | 24,207 | 23,552 | 20,328 | 22,385 | 21,859 | 24,612 | 32,629 | 28,508 | 30,875 | 27,637 | 26,747 | 304,310 |
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | |
| BREC DISPOSAL COSTS | \$ 122,680 | \$ 141,611 | \$ 137,779 | \$ 118,919 | \$ 130,952 | \$ 127,875 | \$ 143,960 | \$ 190,880 | \$ 166,772 | \$ 180,619 | \$ 161,676 | \$ 156,470 | \$ 1,780,213 |
| HMP&L: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | 0.2005 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 15,452 | 15,142 | 15,341 | 15,723 | 15,829 | 14,735 | 14,791 | 11,750 | 11,390 | 12,473 | 12,709 | 13,736 | 188,871 |
| Bottom Ash - Tons / Gross MWH | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | 0.0086 | |
| Bottom Ash - Tons of Disposal | 660 | 647 | 655 | 671 | 667 | 629 | 631 | 502 | 486 | 533 | 543 | 586 | 7,210 |
| HMP&L Gross Tons of Disposal | 16,112 | 15,789 | 15,996 | 16,394 | 16,296 | 15,364 | 15,422 | 12,252 | 11,876 | 13,006 | 13,252 | 14,322 | 176,081 |
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | \$ 5,850 | |
| Landfill (Pozatec/Ash Disposal) - HMPL Only | \$ 94,255 | \$ 92,366 | \$ 93,577 | \$ 95,905 | \$ 95,332 | \$ 89,879 | \$ 90,219 | \$ 71,674 | \$ 69,475 | \$ 76,085 | \$ 77,524 | \$ 83,784 | \$ 1,030,075 |
| Landfill Usage Fee (per ton) - HMPL Only | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | |
| Landfill Usage Fee - HMPL Only | \$ 17,353 | \$ 17,005 | \$ 17,228 | \$ 17,656 | \$ 17,551 | \$ 16,547 | \$ 16,609 | \$ 13,195 | \$ 12,790 | \$ 14,007 | \$ 14,272 | \$ 15,425 | \$ 189,638 |
| HMP&L DISPOSAL COSTS | \$ 111,608 | \$ 109,371 | \$ 110,805 | \$ 113,561 | \$ 112,883 | \$ 106,426 | \$ 106,828 | \$ 84,869 | \$ 82,265 | \$ 90,092 | \$ 91,796 | \$ 99,209 | \$ 1,219,713 |
| Station Two DISPOSAL COSTS | \$ 234,288 | \$ 250,982 | \$ 248,584 | \$ 232,480 | \$ 243,835 | \$ 234,301 | \$ 250,808 | \$ 275,749 | \$ 249,037 | \$ 270,711 | \$ 253,472 | \$ 255,679 | \$ 2,999,926 |

**Henderson Station Two
2017 / 2018 Operating Plan
FGD System Costs**

| | <u>Jun '17</u> | <u>Jul '17</u> | <u>Aug '17</u> | <u>Sep '17</u> | <u>Oct '17</u> | <u>Nov '17</u> | <u>Dec '17</u> | <u>Jan '18</u> | <u>Feb '18</u> | <u>Mar '18</u> | <u>Apr '18</u> | <u>May '18</u> | <u>FYE 17/18</u> |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| GREEN: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1716 | 0.1716 | 0.1716 | 0.1716 | 0.1716 | 0.1716 | 0.1716 | 0.1716 | 0.1716 | 0.1716 | 0.1716 | 0.1716 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 41,107 | 45,101 | 44,671 | 38,520 | 43,350 | 41,306 | 46,922 | 55,627 | 49,581 | 51,318 | 44,880 | 43,939 | 546,322 |
| Bottom Ash - Tons / Gross MWH | 0.0080 | 0.0080 | 0.0080 | 0.0080 | 0.0080 | 0.0080 | 0.0080 | 0.0080 | 0.0080 | 0.0080 | 0.0080 | 0.0080 | |
| Bottom Ash - Tons of Disposal | 1,907 | 2,092 | 2,072 | 1,787 | 2,011 | 1,916 | 2,177 | 2,581 | 2,300 | 2,381 | 2,082 | 2,038 | 25,344 |
| GREEN Gross Tons of Disposal | 43,014 | 47,193 | 46,743 | 40,307 | 45,361 | 43,222 | 49,099 | 58,208 | 51,881 | 53,699 | 46,962 | 45,977 | 571,666 |
| STATION TWO & GREEN Gross Tons of Disposal | 80,097 | 87,189 | 86,291 | 77,029 | 84,042 | 80,445 | 89,133 | 103,089 | 92,265 | 97,580 | 87,851 | 87,046 | 1,052,057 |
| Station II % of Total Site Disposal | 46.3% | 45.9% | 45.8% | 47.7% | 46.0% | 46.3% | 44.9% | 43.5% | 43.8% | 45.0% | 46.5% | 47.2% | |

| FGD SYSTEM COST | | | | | | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| Shared FGD System - Disposal Allocation: | | | | | | | | | | | | | |
| Fixation Lime - Green | \$ 83,251 | \$ 91,340 | \$ 90,468 | \$ 78,011 | \$ 87,792 | \$ 83,652 | \$ 95,028 | \$ 114,852 | \$ 102,369 | \$ 105,956 | \$ 92,663 | \$ 90,721 | \$ 1,116,103 |
| Fixation Lime - SII | 67,583 | 72,891 | 72,076 | 66,924 | 70,495 | 67,837 | 72,960 | 83,386 | 75,033 | 81,528 | 75,971 | 76,306 | 882,990 |
| Ash Pond Dredging - SII | - | - | - | 52,500 | 52,500 | - | - | - | - | - | - | - | 105,000 |
| Landfill CQA/CQC Costs | 4,300 | 4,300 | 4,300 | 4,300 | 4,300 | 4,300 | - | - | - | 4,300 | 4,300 | 4,300 | 38,700 |
| Landfill Conditioning | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | - | - | - | 2,000 | 2,000 | 2,000 | 18,000 |
| Sodium Bisulfite - Green | 3,942 | 4,325 | 4,284 | 3,894 | 4,157 | 3,961 | 4,500 | 5,335 | 4,755 | 4,921 | 4,304 | 4,214 | 52,393 |
| Subtotal Shared FGD System - Disposal Alloc | 161,076 | 174,856 | 173,128 | 207,429 | 221,245 | 161,750 | 172,487 | 203,573 | 182,157 | 198,706 | 179,239 | 177,541 | 2,213,187 |
| Station II % of Total Site Disposal | 46.3% | 45.9% | 45.8% | 47.7% | 46.0% | 46.3% | 44.9% | 43.5% | 43.8% | 45.0% | 46.5% | 47.2% | |
| STATION TWO Portion of Disposal | \$ 74,574 | \$ 80,211 | \$ 79,346 | \$ 98,888 | \$ 101,830 | \$ 74,844 | \$ 77,473 | \$ 88,628 | \$ 79,729 | \$ 89,357 | \$ 83,424 | \$ 83,765 | \$ 1,012,069 |
| Ammonia - SII | 43,701 | 47,133 | 46,606 | 43,275 | 45,584 | 43,865 | 47,178 | 52,889 | 47,591 | 51,711 | 48,186 | 48,399 | 566,118 |
| Emulsified Sulfur - SII | 16,015 | 17,273 | 17,080 | 15,859 | 16,705 | 16,075 | 17,290 | 19,383 | 17,441 | 18,951 | 17,659 | 17,737 | 207,469 |
| Air Emission Fees - SII | 35,343 | 35,343 | 35,343 | 35,343 | 35,343 | 35,343 | 35,343 | 31,050 | 31,050 | 31,050 | 31,050 | 31,050 | 402,651 |
| FGD System Amortization | 8,179 | 8,179 | 8,179 | 8,179 | 8,179 | 8,179 | 8,179 | 4,794 | 4,794 | 4,794 | 4,794 | 4,794 | 81,223 |
| Station Two Total - FGD System Cost | \$ 177,813 | \$ 188,139 | \$ 186,554 | \$ 201,544 | \$ 207,641 | \$ 178,307 | \$ 185,463 | \$ 196,744 | \$ 180,605 | \$ 195,863 | \$ 185,113 | \$ 185,744 | \$ 2,269,530 |

| TOTAL FGD SYSTEM & DISPOSAL COST | | | | | | | | | | | | | |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| Station Two Total Reagent Costs | \$ 412,101 | \$ 439,121 | \$ 435,138 | \$ 434,024 | \$ 451,476 | \$ 412,608 | \$ 436,271 | \$ 472,493 | \$ 429,642 | \$ 466,574 | \$ 438,585 | \$ 441,423 | \$ 5,269,456 |
| BREC Allocation of Reagent Costs | \$ 234,953 | \$ 260,404 | \$ 255,571 | \$ 246,176 | \$ 262,059 | \$ 240,460 | \$ 261,083 | \$ 315,106 | \$ 280,808 | \$ 304,289 | \$ 278,558 | \$ 273,751 | \$ 3,213,218 |
| HMP&L Allocation of Reagent Costs | \$ 177,148 | \$ 178,717 | \$ 179,567 | \$ 187,848 | \$ 189,417 | \$ 172,148 | \$ 175,188 | \$ 157,387 | \$ 148,834 | \$ 162,285 | \$ 160,027 | \$ 167,672 | \$ 2,056,238 |

**Henderson Station Two
2016 / 2017 Operating Plan
FGD System Costs**

| | Jun '16 | Jul '16 | Aug '16 | Sep '16 | Oct '16 | Nov '16 | Dec '16 | Jan '17 | Feb '17 | Mar '17 | Apr '17 | May '17 | FYE 16/17 |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| NET GENERATION (MWH) | | | | | | | | | | | | | |
| STATION TWO: | 185,982 | 193,569 | 191,451 | 183,270 | 189,656 | 181,739 | 188,302 | 210,419 | 182,436 | 197,386 | 119,134 | 195,288 | 2,218,632 |
| BREC: | 129,364 | 136,549 | 131,079 | 131,555 | 142,645 | 136,552 | 138,084 | 156,836 | 134,193 | 148,916 | 76,070 | 146,258 | 1,608,101 |
| HMP&L | 56,618 | 57,020 | 60,372 | 51,715 | 47,011 | 45,187 | 50,218 | 53,583 | 48,243 | 48,470 | 43,064 | 49,030 | 610,531 |
| GREEN: | 233,119 | 248,644 | 238,737 | 228,779 | 242,892 | 224,913 | 231,291 | 322,952 | 270,655 | 210,828 | 206,647 | 257,957 | 2,917,414 |

| DISPOSAL (TONS) | | | | | | | | | | | | | |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| STATION TWO: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1447 | 0.1447 | 0.1447 | 0.1447 | 0.1447 | 0.1447 |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 26,930 | 28,028 | 27,722 | 26,537 | 27,462 | 26,315 | 27,266 | 30,450 | 26,400 | 28,564 | 17,240 | 28,280 | 321,174 |
| Bottom Ash - Tons / Gross MWH | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0090 | 0.0090 | 0.0090 | 0.0090 | 0.0090 | 0.0090 |
| Bottom Ash - Tons of Disposal | 1,684 | 1,753 | 1,734 | 1,660 | 1,718 | 1,646 | 1,705 | 1,901 | 1,648 | 1,783 | 1,076 | 1,764 | 20,072 |
| STATION TWO Gross Tons of Disposal | 28,614 | 29,781 | 29,456 | 28,197 | 29,180 | 27,961 | 28,971 | 32,351 | 28,048 | 30,347 | 18,316 | 30,024 | 341,246 |

| | | | | | | | | | | | | | |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| BREC: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1447 | 0.1447 | 0.1447 | 0.1447 | 0.1447 | 0.1447 |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 18,732 | 19,772 | 19,960 | 19,049 | 20,655 | 19,772 | 19,994 | 22,896 | 19,419 | 21,550 | 11,008 | 21,165 | 232,792 |
| Bottom Ash - Tons / Gross MWH | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0090 | 0.0090 | 0.0090 | 0.0090 | 0.0090 | 0.0090 |
| Bottom Ash - Tons of Disposal | 1,171 | 1,237 | 1,187 | 1,192 | 1,292 | 1,237 | 1,250 | 1,417 | 1,212 | 1,345 | 687 | 1,321 | 14,548 |
| BREC Gross Tons of Disposal | 19,903 | 21,009 | 20,167 | 20,241 | 21,947 | 21,009 | 21,244 | 24,113 | 20,631 | 22,895 | 11,695 | 22,486 | 247,340 |

| | | | | | | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|---------------------|
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 |
| BREC DISPOSAL COSTS | \$ 136,336 | \$ 143,912 | \$ 138,144 | \$ 138,651 | \$ 159,337 | \$ 143,912 | \$ 145,521 | \$ 165,174 | \$ 141,322 | \$ 156,831 | \$ 80,111 | \$ 154,029 | \$ 1,694,280 |

| | | | | | | | | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| HMP&L: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1447 | 0.1447 | 0.1447 | 0.1447 | 0.1447 | 0.1447 |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 8,198 | 8,256 | 8,742 | 7,488 | 6,807 | 6,543 | 7,272 | 7,754 | 6,981 | 7,014 | 6,232 | 7,095 | 88,382 |
| Bottom Ash - Tons / Gross MWH | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0090 | 0.0090 | 0.0090 | 0.0090 | 0.0090 | 0.0090 |
| Bottom Ash - Tons of Disposal | 513 | 516 | 547 | 468 | 426 | 409 | 455 | 484 | 436 | 438 | 389 | 443 | 5,524 |
| HMP&L Gross Tons of Disposal | 8,711 | 8,772 | 9,289 | 7,956 | 7,233 | 6,952 | 7,727 | 8,238 | 7,417 | 7,452 | 6,621 | 7,538 | 93,906 |

| | | | | | | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 | \$ 6.850 |
| Landfill (Pozatec/Ash Disposal) - HMP&L Only | \$ 59,670 | \$ 60,068 | \$ 63,630 | \$ 54,499 | \$ 49,546 | \$ 47,621 | \$ 52,930 | \$ 56,430 | \$ 50,806 | \$ 51,046 | \$ 45,354 | \$ 51,635 | \$ 643,255 |
| Landfill Usage Fee (per ton) - HMP&L Only | \$ 1.077 | \$ 1.077 | \$ 1.077 | \$ 1.077 | \$ 1.077 | \$ 1.077 | \$ 1.077 | \$ 1.077 | \$ 1.077 | \$ 1.077 | \$ 1.077 | \$ 1.077 | \$ 1.077 |
| Landfill Usage Fee - HMP&L Only | \$ 9,382 | \$ 9,447 | \$ 10,004 | \$ 8,569 | \$ 7,790 | \$ 7,487 | \$ 8,322 | \$ 8,872 | \$ 7,988 | \$ 8,026 | \$ 7,131 | \$ 8,118 | \$ 101,136 |
| HMP&L DISPOSAL COSTS | \$ 69,052 | \$ 69,535 | \$ 73,634 | \$ 63,068 | \$ 57,336 | \$ 55,108 | \$ 61,252 | \$ 65,302 | \$ 58,794 | \$ 59,072 | \$ 52,485 | \$ 59,753 | \$ 744,391 |

| | | | | | | | | | | | | | |
|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| Station Two DISPOSAL COSTS | \$ 205,388 | \$ 213,447 | \$ 211,778 | \$ 201,719 | \$ 207,673 | \$ 199,020 | \$ 206,773 | \$ 230,476 | \$ 200,116 | \$ 215,903 | \$ 132,596 | \$ 213,782 | \$ 2,438,671 |
|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|

**Henderson Station Two
2016 / 2017 Operating Plan
FGD System Costs**

| | Jun '16 | Jul '16 | Aug '16 | Sep '16 | Oct '16 | Nov '16 | Dec '16 | Jan '17 | Feb '17 | Mar '17 | Apr '17 | May '17 | FYE 16/17 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| GREEN: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1569 | 0.1569 | 0.1569 | 0.1569 | 0.1569 | 0.1569 | 0.1569 | 0.1545 | 0.1545 | 0.1545 | 0.1545 | 0.1545 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 36,566 | 39,001 | 37,447 | 35,885 | 38,099 | 35,279 | 36,279 | 40,894 | 41,814 | 32,572 | 31,926 | 39,853 | 454,615 |
| Bottom Ash - Tons / Gross MWH | 0.0082 | 0.0082 | 0.0082 | 0.0082 | 0.0082 | 0.0082 | 0.0082 | 0.0082 | 0.0082 | 0.0082 | 0.0082 | 0.0082 | |
| Bottom Ash - Tons of Disposal | 1,904 | 2,030 | 1,950 | 1,868 | 1,983 | 1,837 | 1,889 | 2,653 | 2,224 | 1,732 | 1,698 | 2,110 | 23,887 |
| GREEN Gross Tons of Disposal | 38,470 | 41,031 | 39,397 | 37,753 | 40,082 | 37,116 | 38,168 | 52,547 | 44,038 | 34,304 | 33,624 | 41,972 | 478,502 |
| STATION TWO & GREEN Gross Tons of Disposal | 67,084 | 70,812 | 68,853 | 65,950 | 69,262 | 65,077 | 67,139 | 84,898 | 72,086 | 64,651 | 61,940 | 71,996 | 819,748 |
| Station II % of Total Site Disposal | 42.7% | 42.1% | 42.8% | 42.8% | 42.1% | 43.0% | 43.2% | 38.1% | 38.9% | 46.9% | 35.3% | 41.7% | |

| FGD SYSTEM COST | | | | | | | | | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| Shared FGD System - Disposal Allocation: | | | | | | | | | | | | | |
| Fixation Lime - Green | \$ 62,978 | \$ 67,172 | \$ 64,496 | \$ 61,805 | \$ 65,618 | \$ 60,761 | \$ 62,484 | \$ 86,240 | \$ 72,274 | \$ 58,299 | \$ 55,182 | \$ 68,884 | \$ 784,192 |
| Fixation Lime - SII | 47,989 | 49,947 | 49,400 | 47,289 | 48,937 | 46,894 | 48,588 | 54,246 | 47,032 | 50,886 | 30,713 | 50,345 | 572,266 |
| Ash Pond Dredging - SII | - | - | - | 52,500 | 52,500 | - | - | - | - | - | - | - | 105,000 |
| Sodium Bisulfite - Green | 2,471 | 2,606 | 2,531 | 2,425 | 2,575 | 2,384 | 2,452 | 3,423 | 2,869 | 2,235 | 2,180 | 2,734 | 30,823 |
| Sodium Bisulfite - SII | - | - | - | - | - | - | - | - | - | - | - | - | 0 |
| Subtotal Shared FGD System - Disposal Alloc | 113,438 | 119,754 | 116,426 | 164,020 | 169,630 | 110,039 | 113,523 | 143,909 | 122,175 | 109,419 | 88,085 | 121,963 | 1,492,382 |
| Station II % of Total Site Disposal | 42.7% | 42.1% | 42.8% | 42.8% | 42.1% | 43.0% | 43.2% | 38.1% | 38.9% | 46.9% | 35.3% | 41.7% | |
| STATION TWO Portion of Disposal | \$ 48,386 | \$ 50,364 | \$ 49,808 | \$ 70,127 | \$ 71,465 | \$ 47,279 | \$ 48,986 | \$ 54,838 | \$ 47,537 | \$ 51,361 | \$ 31,062 | \$ 50,861 | \$ 622,074 |
| SCR/Scrubber Reagents: | | | | | | | | | | | | | |
| Ammonia - SII | \$ 85,357 | \$ 88,839 | \$ 87,867 | \$ 84,113 | \$ 87,044 | \$ 83,410 | \$ 86,422 | \$ 89,897 | \$ 77,942 | \$ 84,329 | \$ 50,898 | \$ 83,433 | \$ 989,552 |
| Emulsified Sulfur - SII | 9,708 | 10,104 | 9,994 | 9,567 | 9,900 | 9,487 | 9,829 | 10,984 | 9,523 | 10,304 | 6,219 | 10,184 | 115,813 |
| STATION TWO SCR/Scrubber Reagents | \$ 95,066 | \$ 98,944 | \$ 97,861 | \$ 93,679 | \$ 96,944 | \$ 92,897 | \$ 96,252 | \$ 100,881 | \$ 87,465 | \$ 94,633 | \$ 57,116 | \$ 93,627 | \$ 1,105,364 |
| Emission Controls: Air Emission Fees | 49,816 | 49,816 | 49,816 | 49,816 | 49,816 | 49,816 | 49,816 | 47,524 | 47,524 | 47,524 | 47,524 | 47,524 | 586,335 |
| FGD System Amortization | 14,947 | 14,947 | 14,947 | 14,947 | 14,947 | 14,947 | 14,947 | 11,563 | 11,563 | 11,563 | 11,563 | 11,563 | 162,444 |
| Total Station Two FGD System Cost | \$ 208,215 | \$ 214,071 | \$ 212,432 | \$ 228,579 | \$ 233,172 | \$ 204,939 | \$ 210,001 | \$ 214,806 | \$ 194,890 | \$ 205,081 | \$ 147,266 | \$ 203,575 | \$ 2,476,217 |
| BREC FGD System Cost @ 197 MW | \$ 131,469 | \$ 135,167 | \$ 134,132 | \$ 144,321 | \$ 147,227 | \$ 129,401 | \$ 132,597 | \$ 135,631 | \$ 122,550 | \$ 129,490 | \$ 92,985 | \$ 128,539 | \$ 1,563,509 |
| HMP&L FGD System Cost @ 115 MW | \$ 76,746 | \$ 78,904 | \$ 78,300 | \$ 84,249 | \$ 85,945 | \$ 75,538 | \$ 77,404 | \$ 79,175 | \$ 71,540 | \$ 75,591 | \$ 54,281 | \$ 75,036 | \$ 912,709 |

| TOTAL FGD SYSTEM & DISPOSAL COST | | | | | | | | | | | | | |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| Total Station Two Reagent Costs | \$ 413,603 | \$ 427,518 | \$ 424,210 | \$ 430,289 | \$ 440,845 | \$ 403,959 | \$ 416,774 | \$ 445,282 | \$ 394,206 | \$ 420,984 | \$ 279,862 | \$ 417,357 | \$ 4,914,889 |
| BREC Allocation of Reagent Costs | \$ 267,805 | \$ 279,079 | \$ 272,276 | \$ 282,972 | \$ 297,564 | \$ 273,313 | \$ 278,118 | \$ 300,805 | \$ 263,872 | \$ 286,321 | \$ 173,096 | \$ 282,568 | \$ 3,257,789 |
| HMP&L Allocation of Reagent Costs | \$ 145,798 | \$ 148,439 | \$ 151,934 | \$ 147,317 | \$ 143,281 | \$ 130,646 | \$ 138,656 | \$ 144,477 | \$ 130,334 | \$ 134,663 | \$ 106,766 | \$ 134,789 | \$ 1,657,100 |

**Henderson Station Two
2015 / 2016 Operating Plan
FGD System Costs**

| | Jun '15 | Jul '15 | Aug '15 | Sep '15 | Oct '15 | Nov '15 | Dec '15 | Jan '16 | Feb '16 | Mar '16 | Apr '16 | May '16 | FYE 15/16 |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| NET GENERATION (MWH) | | | | | | | | | | | | | |
| STATION TWO: | 181,378 | 199,675 | 198,559 | 189,476 | 194,101 | 185,352 | 198,325 | 213,773 | 200,650 | 198,531 | 185,800 | 120,768 | 2,276,386 |
| BREC: | 134,478 | 142,851 | 138,204 | 137,287 | 145,925 | 140,106 | 148,112 | 159,482 | 151,311 | 150,344 | 139,583 | 71,478 | 1,659,171 |
| HMP&L | 58,900 | 56,824 | 60,355 | 52,189 | 48,176 | 45,248 | 50,213 | 54,291 | 49,339 | 48,187 | 46,207 | 49,288 | 617,215 |
| GREEN: | 278,405 | 290,932 | 289,180 | 218,615 | 138,340 | 237,233 | 290,148 | 326,649 | 305,623 | 303,858 | 286,672 | 294,773 | 3,258,428 |

| DISPOSAL (TONS) | | | | | | | | | | | | | |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| STATION TWO: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1454 | 0.1454 | 0.1454 | 0.1454 | 0.1454 | 0.1454 | 0.1454 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 27,835 | 29,042 | 28,879 | 27,558 | 28,231 | 26,959 | 28,845 | 30,948 | 29,048 | 28,741 | 26,898 | 17,483 | 330,467 |
| Bottom Ash - Tons / Gross MWH | 0.0091 | 0.0091 | 0.0092 | 0.0092 | 0.0091 | 0.0092 | 0.0092 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | |
| Bottom Ash - Tons of Disposal | 1,751 | 1,827 | 1,817 | 1,734 | 1,776 | 1,696 | 1,815 | 1,947 | 1,828 | 1,806 | 1,692 | 1,300 | 20,791 |
| STATION TWO Gross Tons of Disposal | 29,586 | 30,869 | 30,696 | 29,292 | 30,007 | 28,655 | 30,660 | 32,895 | 30,876 | 30,549 | 28,590 | 18,783 | 351,258 |

| | | | | | | | | | | | | | |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| BREC: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1454 | 0.1454 | 0.1454 | 0.1454 | 0.1454 | 0.1454 | 0.1454 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 19,598 | 20,777 | 20,101 | 19,987 | 21,224 | 20,378 | 21,542 | 23,088 | 21,905 | 21,765 | 20,209 | 10,348 | 240,863 |
| Bottom Ash - Tons / Gross MWH | 0.0091 | 0.0091 | 0.0092 | 0.0092 | 0.0091 | 0.0092 | 0.0092 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | |
| Bottom Ash - Tons of Disposal | 1,230 | 1,307 | 1,285 | 1,256 | 1,335 | 1,282 | 1,355 | 1,453 | 1,379 | 1,369 | 1,271 | 851 | 15,153 |
| BREC Gross Tons of Disposal | 20,789 | 22,084 | 21,366 | 21,223 | 22,559 | 21,660 | 22,897 | 24,541 | 23,284 | 23,134 | 21,480 | 10,999 | 256,016 |

| | | | | | | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|---------------------|
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | |
| BREC DISPOSAL COSTS | \$ 116,626 | \$ 123,891 | \$ 119,863 | \$ 118,061 | \$ 126,556 | \$ 121,613 | \$ 128,492 | \$ 137,675 | \$ 130,523 | \$ 129,782 | \$ 120,603 | \$ 61,704 | \$ 1,436,249 |

| | | | | | | | | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| HMP&L: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1454 | 0.1454 | 0.1454 | 0.1454 | 0.1454 | 0.1454 | 0.1454 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | 0.1448 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 8,276 | 8,285 | 8,778 | 7,591 | 7,007 | 6,581 | 7,303 | 7,860 | 7,143 | 6,976 | 6,689 | 7,135 | 89,604 |
| Bottom Ash - Tons / Gross MWH | 0.0091 | 0.0091 | 0.0092 | 0.0092 | 0.0091 | 0.0092 | 0.0092 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | 0.0091 | |
| Bottom Ash - Tons of Disposal | 521 | 520 | 552 | 478 | 441 | 414 | 480 | 494 | 448 | 439 | 421 | 449 | 5,638 |
| HMP&L Gross Tons of Disposal | 8,797 | 8,785 | 9,330 | 8,069 | 7,448 | 6,995 | 7,783 | 8,354 | 7,592 | 7,415 | 7,110 | 7,584 | 95,242 |

| | | | | | | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | \$ 5,610 | |
| Landfill (Pozatec/Ash Disposal) - HMPL Only | \$ 49,351 | \$ 49,284 | \$ 52,341 | \$ 45,267 | \$ 41,783 | \$ 39,242 | \$ 43,550 | \$ 46,866 | \$ 42,691 | \$ 41,598 | \$ 39,887 | \$ 42,546 | \$ 534,306 |
| Landfill Usage Fee (per ton) - HMPL Only | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | |
| Landfill Usage Fee - HMPL Only | \$ 9,474 | \$ 9,461 | \$ 10,048 | \$ 8,690 | \$ 8,021 | \$ 7,534 | \$ 8,261 | \$ 8,997 | \$ 8,177 | \$ 7,986 | \$ 7,657 | \$ 8,160 | \$ 102,574 |
| HMP&L DISPOSAL COSTS | \$ 58,825 | \$ 58,745 | \$ 62,389 | \$ 53,957 | \$ 49,804 | \$ 46,776 | \$ 61,911 | \$ 55,863 | \$ 50,768 | \$ 49,584 | \$ 47,544 | \$ 50,714 | \$ 636,880 |

| | | | | | | | | | | | | | |
|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| Station Two DISPOSAL COSTS | \$ 176,451 | \$ 182,636 | \$ 182,252 | \$ 173,018 | \$ 176,360 | \$ 168,289 | \$ 180,383 | \$ 193,638 | \$ 181,391 | \$ 179,366 | \$ 168,047 | \$ 112,418 | \$ 2,073,129 |
|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|

**Henderson Station Two
2015 / 2016 Operating Plan
FGD System Costs**

| | Jun '15 | Jul '15 | Aug '15 | Sep '15 | Oct '15 | Nov '15 | Dec '15 | Jan '16 | Feb '16 | Mar '16 | Apr '16 | May '16 | FYE 15/16 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| GREEN: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1548 | 0.1546 | 0.1548 | 0.1548 | 0.1546 | 0.1546 | 0.1548 | 0.1539 | 0.1539 | 0.1539 | 0.1539 | 0.1539 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 42,732 | 44,978 | 44,707 | 33,798 | 21,387 | 36,676 | 44,857 | 50,270 | 47,034 | 48,763 | 44,118 | 45,365 | 502,685 |
| Bottom Ash - Tons / Gross MWH | 0.0096 | 0.0096 | 0.0096 | 0.0096 | 0.0096 | 0.0096 | 0.0096 | 0.0095 | 0.0095 | 0.0095 | 0.0095 | 0.0095 | |
| Bottom Ash - Tons of Disposal | 2,650 | 2,799 | 2,773 | 2,896 | 1,327 | 2,275 | 2,782 | 3,118 | 2,917 | 2,901 | 2,737 | 2,614 | 31,180 |
| GREEN Gross Tons of Disposal | 45,382 | 47,768 | 47,480 | 35,894 | 22,714 | 38,951 | 47,639 | 53,388 | 49,951 | 49,664 | 46,855 | 48,179 | 533,865 |
| STATION TWO & GREEN Gross Tons of Disposal | 74,968 | 78,637 | 78,176 | 65,186 | 52,721 | 67,606 | 78,299 | 86,283 | 80,827 | 80,213 | 75,445 | 66,762 | 685,123 |
| Station II % of Total Site Disposal | 39.5% | 39.3% | 39.3% | 44.9% | 55.9% | 42.4% | 39.2% | 38.1% | 38.2% | 38.1% | 37.9% | 27.8% | |

FGD SYSTEM COST

| Shared FGD System - Disposal Allocation: | | | | | | | | | | | | | |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| Fixation Lime - Green | \$ 97,208 | \$ 102,315 | \$ 101,699 | \$ 76,883 | \$ 48,651 | \$ 83,430 | \$ 102,039 | \$ 114,876 | \$ 107,481 | \$ 106,861 | \$ 100,817 | \$ 103,686 | \$ 1,145,924 |
| Fixation Lime - Silt | 67,304 | 70,222 | 69,829 | 66,635 | 68,261 | 65,185 | 69,747 | 75,180 | 70,564 | 69,819 | 65,342 | 42,471 | 800,559 |
| Ash Pond Dredging - Silt | - | - | 52,500 | 52,500 | - | - | - | - | - | - | - | - | 105,000 |
| Sodium Bisulfite - Green | 3,551 | 3,738 | 3,715 | 2,009 | 1,777 | 3,048 | 3,728 | 4,197 | 3,927 | 3,904 | 3,683 | 3,787 | 41,864 |
| Sodium Bisulfite - Silt | 2,459 | 2,565 | 2,551 | 2,434 | 2,494 | 2,381 | 2,548 | 2,747 | 2,578 | 2,551 | 2,387 | 1,552 | 29,247 |
| Subtotal Shared FGD System - Disposal Alloc | 170,520 | 178,840 | 230,294 | 201,261 | 121,184 | 154,044 | 178,062 | 196,999 | 184,550 | 183,135 | 172,224 | 157,476 | 2,122,594 |
| Station II % of Total Site Disposal | 39.5% | 39.3% | 39.3% | 44.9% | 55.8% | 42.4% | 39.2% | 38.1% | 38.2% | 38.1% | 37.9% | 27.8% | |
| STATION TWO Portion of Disposal | \$ 67,295 | \$ 70,294 | \$ 90,426 | \$ 90,438 | \$ 68,974 | \$ 65,292 | \$ 69,725 | \$ 75,105 | \$ 70,498 | \$ 69,747 | \$ 65,267 | \$ 42,163 | \$ 845,135 |
| SCR/Scrubber Reagents: | | | | | | | | | | | | | |
| Ammonia - Silt | \$ 80,953 | \$ 84,462 | \$ 83,990 | \$ 80,148 | \$ 82,105 | \$ 78,404 | \$ 83,891 | \$ 90,428 | \$ 84,875 | \$ 83,979 | \$ 78,593 | \$ 51,084 | \$ 862,911 |
| Emulsified Sulfur - Silt | 9,387 | 9,794 | 9,739 | 9,294 | 9,521 | 9,092 | 9,728 | 10,486 | 9,842 | 9,738 | 9,113 | 5,924 | 111,657 |
| STATION TWO SCR/Scrubber Reagents | \$ 90,340 | \$ 94,256 | \$ 93,730 | \$ 89,442 | \$ 91,626 | \$ 87,496 | \$ 93,619 | \$ 100,914 | \$ 94,717 | \$ 93,716 | \$ 87,707 | \$ 57,008 | \$ 1,074,567 |
| Emission Controls: Air Emission Fees | 29,345 | 29,345 | 29,345 | 29,345 | 29,345 | 29,345 | 29,345 | 33,717 | 33,717 | 33,717 | 33,717 | 33,717 | 374,004 |
| FGD System Amortization | 18,332 | 18,332 | 18,332 | 18,332 | 18,332 | 18,332 | 18,332 | 14,947 | 14,947 | 14,947 | 14,947 | 14,947 | 203,059 |
| Total Station Two FGD System Cost | \$ 205,312 | \$ 212,138 | \$ 231,833 | \$ 227,569 | \$ 208,277 | \$ 200,465 | \$ 211,022 | \$ 224,681 | \$ 213,879 | \$ 212,128 | \$ 201,630 | \$ 147,835 | \$ 2,496,765 |
| BREC FGD System Cost @ 197 MW | \$ 129,636 | \$ 133,946 | \$ 146,382 | \$ 143,683 | \$ 131,508 | \$ 126,576 | \$ 133,241 | \$ 141,866 | \$ 135,046 | \$ 133,940 | \$ 127,316 | \$ 93,345 | \$ 1,576,484 |
| HMP&L FGD System Cost @ 115 MW | \$ 75,876 | \$ 78,192 | \$ 85,451 | \$ 83,876 | \$ 76,769 | \$ 73,889 | \$ 77,781 | \$ 82,815 | \$ 78,834 | \$ 78,188 | \$ 74,322 | \$ 54,490 | \$ 920,283 |

TOTAL FGD SYSTEM & DISPOSAL COST

| | | | | | | | | | | | | | |
|-----------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| Total Station Two Reagent Costs | \$ 380,763 | \$ 394,774 | \$ 414,085 | \$ 400,577 | \$ 384,637 | \$ 368,754 | \$ 391,385 | \$ 418,219 | \$ 395,270 | \$ 391,494 | \$ 369,685 | \$ 280,253 | \$ 4,569,896 |
| BREC Allocation of Reagent Costs | \$ 246,262 | \$ 257,837 | \$ 266,245 | \$ 262,744 | \$ 258,064 | \$ 248,089 | \$ 261,693 | \$ 279,541 | \$ 265,668 | \$ 263,722 | \$ 247,819 | \$ 155,049 | \$ 3,012,733 |
| HMP&L Allocation of Reagent Costs | \$ 134,501 | \$ 136,937 | \$ 147,840 | \$ 137,833 | \$ 126,573 | \$ 120,665 | \$ 129,692 | \$ 138,678 | \$ 129,602 | \$ 127,772 | \$ 121,866 | \$ 105,204 | \$ 1,557,163 |

**Henderson Station Two
2014 / 2015 Operating Plan
Reagent Costs**

| | Jun '14 | Jul '14 | Aug '14 | Sep '14 | Oct '14 | Nov '14 | Dec '14 | Jan '15 | Feb '15 | Mar '15 | Apr '15 | May '15 | FYE 14/15 |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| NET GENERATION (MWH) | | | | | | | | | | | | | |
| STATION TWO: | 188,568 | 196,666 | 196,138 | 187,180 | 194,837 | 187,260 | 192,728 | 196,127 | 184,792 | 194,576 | 184,793 | 119,184 | 2,222,849 |
| BREC: | 132,577 | 139,548 | 135,912 | 136,175 | 150,207 | 144,102 | 146,566 | 141,394 | 128,632 | 144,705 | 142,436 | 79,779 | 1,622,033 |
| HMP&L | 55,991 | 57,118 | 60,226 | 51,005 | 44,630 | 43,158 | 46,162 | 54,733 | 56,160 | 49,871 | 42,357 | 39,405 | 600,816 |
| Adjusted per HMP&L's Request | - | - | - | - | - | - | - | - | - | - | - | - | - |
| HMP&L (Projected): | 55,991 | 57,118 | 60,226 | 51,005 | 44,630 | 43,158 | 46,162 | 54,733 | 56,160 | 49,871 | 42,357 | 39,405 | 600,816 |
| GREEN: | 279,623 | 293,865 | 294,419 | 278,570 | 293,275 | 283,291 | 295,104 | 290,451 | 265,304 | 284,974 | 180,311 | 274,367 | 3,313,554 |
| DISPOSAL (TONS) | | | | | | | | | | | | | |
| STATION TWO: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1514 | 0.1514 | 0.2043 | 0.2177 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 28,551 | 29,777 | 40,063 | 40,744 | 29,500 | 28,353 | 29,181 | 29,696 | 27,979 | 29,461 | 27,980 | 18,046 | 359,331 |
| Bottom Ash - Tons / Gross MWH | 0.0098 | 0.0098 | 0.0958 | 0.1177 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | |
| Bottom Ash - Tons of Disposal | 1,845 | 1,924 | 18,794 | 22,022 | 1,906 | 1,832 | 1,885 | 1,919 | 1,808 | 1,904 | 1,808 | 1,166 | 58,813 |
| STATION TWO Gross Tons of Disposal | 30,396 | 31,701 | 58,857 | 62,766 | 31,406 | 30,185 | 31,066 | 31,615 | 29,787 | 31,365 | 29,788 | 19,212 | 418,144 |
| BREC: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1514 | 0.1514 | 0.2043 | 0.2177 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 20,073 | 21,129 | 27,761 | 29,642 | 22,743 | 21,818 | 22,192 | 21,409 | 19,476 | 21,910 | 21,567 | 12,080 | 261,800 |
| Bottom Ash - Tons / Gross MWH | 0.0098 | 0.0098 | 0.0958 | 0.1177 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | |
| Bottom Ash - Tons of Disposal | 1,297 | 1,365 | 13,023 | 16,021 | 1,469 | 1,410 | 1,434 | 1,383 | 1,259 | 1,416 | 1,394 | 780 | 42,251 |
| BREC Gross Tons of Disposal | 21,370 | 22,494 | 40,784 | 45,663 | 24,212 | 23,228 | 23,626 | 22,792 | 20,735 | 23,326 | 22,961 | 12,860 | 304,051 |
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | |
| BREC DISPOSAL COSTS | \$ 38,039 | \$ 40,039 | \$ 72,596 | \$ 81,280 | \$ 43,097 | \$ 41,346 | \$ 42,054 | \$ 40,570 | \$ 36,908 | \$ 41,520 | \$ 40,871 | \$ 22,891 | \$ 541,211 |
| HMP&L: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1514 | 0.1514 | 0.2043 | 0.2177 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | 0.1514 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 8,478 | 8,648 | 12,302 | 11,102 | 6,757 | 6,535 | 6,989 | 6,287 | 5,503 | 7,551 | 6,413 | 5,966 | 97,531 |
| Bottom Ash - Tons / Gross MWH | 0.0098 | 0.0098 | 0.0958 | 0.1177 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | 0.0098 | |
| Bottom Ash - Tons of Disposal | 548 | 559 | 5,771 | 6,001 | 437 | 422 | 451 | 536 | 549 | 488 | 414 | 386 | 16,562 |
| HMP&L Gross Tons of Disposal | 9,026 | 9,207 | 18,073 | 17,103 | 7,194 | 6,957 | 7,440 | 6,823 | 6,052 | 8,039 | 6,827 | 6,352 | 114,093 |
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | |
| Landfill (Pozatec/Ash Disposal) - HMPL Only | \$ 16,066 | \$ 16,388 | \$ 32,170 | \$ 30,443 | \$ 12,805 | \$ 12,383 | \$ 13,243 | \$ 15,705 | \$ 16,113 | \$ 14,309 | \$ 12,152 | \$ 11,307 | \$ 203,084 |
| Landfill Usage Fee (per ton) - HMPL Only | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | |
| Landfill Usage Fee - HMPL Only | \$ 9,721 | \$ 9,816 | \$ 19,465 | \$ 18,420 | \$ 7,748 | \$ 7,493 | \$ 8,013 | \$ 9,502 | \$ 9,749 | \$ 8,658 | \$ 7,353 | \$ 6,841 | \$ 122,879 |
| HMP&L DISPOSAL COSTS | \$ 25,787 | \$ 26,304 | \$ 51,635 | \$ 48,863 | \$ 20,553 | \$ 19,876 | \$ 21,256 | \$ 25,207 | \$ 25,862 | \$ 22,967 | \$ 19,505 | \$ 18,148 | \$ 325,963 |

**Henderson Station Two
2014 / 2015 Operating Plan
Reagent Costs**

| | Jun '14 | Jul '14 | Aug '14 | Sep '14 | Oct '14 | Nov '14 | Dec '14 | Jan '15 | Feb '15 | Mar '15 | Apr '15 | May '15 | FYE 14/15 |
|---|-------------------|-------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| GREEN: | | | Increased due to Landfill Capping | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1950 | 0.1950 | 0.1950 | 0.1950 | 0.1950 | 0.1950 | 0.1950 | 0.1950 | 0.1950 | 0.1950 | 0.1950 | 0.1950 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 54,522 | 57,299 | 57,407 | 54,316 | 57,184 | 55,237 | 57,540 | 56,633 | 51,730 | 55,565 | 35,158 | 53,497 | 646,088 |
| Bottom Ash - Tons / Gross MWH | 0.0158 | 0.0158 | 0.0158 | 0.0158 | 0.0158 | 0.0158 | 0.0158 | 0.0158 | 0.0158 | 0.0158 | 0.0158 | 0.0158 | |
| Bottom Ash - Tons of Disposal | 4,430 | 4,656 | 4,664 | 4,413 | 4,646 | 4,488 | 4,675 | 4,602 | 4,203 | 4,515 | 2,857 | 4,347 | 52,496 |
| GREEN Gross Tons of Disposal | 58,952 | 61,955 | 62,071 | 58,729 | 61,830 | 59,725 | 62,215 | 61,235 | 55,933 | 60,080 | 38,015 | 57,844 | 698,584 |
| STATION TWO & GREEN Gross Tons of Disposal | 89,348 | 93,556 | 120,928 | 121,495 | 93,236 | 89,910 | 93,281 | 92,850 | 85,720 | 91,445 | 67,803 | 77,056 | 1,116,728 |
| Station II % of Total Site Disposal | 34.0% | 33.8% | 48.7% | 51.7% | 33.7% | 33.6% | 33.3% | 34.0% | 34.7% | 34.3% | 43.9% | 24.9% | |
| FGD SYSTEM COST | | | | | | | | | | | | | |
| Shared FGD System - Disposal Allocation: | | | | | | | | | | | | | |
| Fixation Lime - Green | \$ 95,801 | \$ 100,680 | \$ 100,870 | \$ 95,440 | \$ 100,478 | \$ 97,057 | \$ 101,104 | \$ 101,827 | \$ 93,010 | \$ 99,906 | \$ 63,214 | \$ 96,188 | \$ 1,145,574 |
| Fixation Lime - Sil | 47,641 | 49,687 | 49,554 | 47,290 | 49,225 | 47,311 | 48,692 | 50,704 | 47,774 | 50,303 | 47,774 | 30,812 | 566,767 |
| Ash Pond Dredging - Sil | - | - | 52,500 | 52,500 | - | - | - | - | - | - | - | - | 105,000 |
| Sodium Bisulfite - Green | 4,004 | 4,208 | 4,216 | 3,989 | 4,199 | 4,056 | 4,225 | 4,159 | 3,799 | 4,080 | 2,582 | 3,929 | 47,445 |
| Sodium Bisulfite - Sil | 2,700 | 2,816 | 2,808 | 2,680 | 2,790 | 2,681 | 2,760 | 2,808 | 2,646 | 2,786 | 2,646 | 1,707 | 31,828 |
| Total Shared FGD System - Disposal Allocation | 150,145 | 157,391 | 209,947 | 201,899 | 156,692 | 151,105 | 156,781 | 159,498 | 147,229 | 157,076 | 116,216 | 132,635 | 1,896,614 |
| Station II % of Total Site Disposal | 34.0% | 33.8% | 48.7% | 51.7% | 33.7% | 33.6% | 33.3% | 34.0% | 34.7% | 34.3% | 43.9% | 24.9% | |
| STATION TWO Portion of Disposal | \$ 51,079 | \$ 53,274 | \$ 102,184 | \$ 104,304 | \$ 52,781 | \$ 50,730 | \$ 52,214 | \$ 54,308 | \$ 51,161 | \$ 53,876 | \$ 51,057 | \$ 33,089 | \$ 710,037 |
| SCR/Scrubber Reagents: | | | | | | | | | | | | | |
| Ammonia - Sil | \$ 71,722 | \$ 74,802 | \$ 74,601 | \$ 71,194 | \$ 74,106 | \$ 71,224 | \$ 73,304 | \$ 77,543 | \$ 73,062 | \$ 76,930 | \$ 73,062 | \$ 47,122 | \$ 858,674 |
| Emulsified Sulfur - Sil | 7,763 | 8,131 | 8,121 | 7,762 | 8,060 | 7,728 | 8,065 | 8,295 | 7,514 | 8,218 | 7,951 | 5,449 | 93,057 |
| STATION TWO SCR/Scrubber Reagents | \$ 79,485 | \$ 82,933 | \$ 82,722 | \$ 78,956 | \$ 82,166 | \$ 78,953 | \$ 81,369 | \$ 85,839 | \$ 80,576 | \$ 85,148 | \$ 81,013 | \$ 52,571 | \$ 951,731 |
| Emission Controls: Air Emission Fees | 28,274 | 29,748 | 29,413 | 28,743 | 28,877 | 29,011 | 29,279 | 32,571 | 32,032 | 32,494 | 32,340 | 38,569 | 363,351 |
| FGD System Amortization | 21,716 | 21,716 | 21,716 | 21,716 | 21,716 | 21,716 | 21,716 | 18,332 | 18,332 | 18,332 | 18,332 | 18,332 | 243,672 |
| Total Station Two FGD System Cost | \$ 180,554 | \$ 187,671 | \$ 236,035 | \$ 233,719 | \$ 185,540 | \$ 180,410 | \$ 184,578 | \$ 191,050 | \$ 182,101 | \$ 189,850 | \$ 182,742 | \$ 134,541 | \$ 2,268,791 |
| BREC FGD System Cost @ 197 MW | \$ 114,004 | \$ 118,497 | \$ 149,035 | \$ 147,573 | \$ 117,152 | \$ 113,913 | \$ 116,544 | \$ 120,631 | \$ 114,980 | \$ 119,873 | \$ 115,385 | \$ 84,951 | \$ 1,432,538 |
| HMP&L FGD System Cost @ 115 MW | \$ 66,550 | \$ 69,174 | \$ 87,000 | \$ 86,146 | \$ 68,388 | \$ 66,497 | \$ 68,034 | \$ 70,419 | \$ 67,121 | \$ 69,977 | \$ 67,357 | \$ 49,590 | \$ 836,253 |
| TOTAL FGD SYSTEM & DISPOSAL COST | | | | | | | | | | | | | |
| Total Station Two Reagent Costs | \$ 244,380 | \$ 254,014 | \$ 360,266 | \$ 363,862 | \$ 249,190 | \$ 241,632 | \$ 247,888 | \$ 256,827 | \$ 244,871 | \$ 254,337 | \$ 243,118 | \$ 175,580 | \$ 3,135,955 |
| BREC Allocation of Reagent Costs | \$ 152,043 | \$ 158,536 | \$ 221,631 | \$ 228,853 | \$ 160,249 | \$ 155,259 | \$ 158,598 | \$ 161,201 | \$ 151,888 | \$ 161,393 | \$ 156,258 | \$ 107,842 | \$ 1,973,749 |
| HMP&L Allocation of Reagent Costs | \$ 92,337 | \$ 95,478 | \$ 138,635 | \$ 135,009 | \$ 88,941 | \$ 86,373 | \$ 89,290 | \$ 95,626 | \$ 92,983 | \$ 92,944 | \$ 86,862 | \$ 67,738 | \$ 1,162,216 |

**Henderson Station Two
2013 / 2014 Operating Plan
Reagent Costs**

| | Jun '13 | Jul '13 | Aug '13 | Seq '13 | Oct '13 | Nov '13 | Dec '13 | Jan '14 | Feb '14 | Mar '14 | Apr '14 | May '14 | Total |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| NET GENERATION (MWH) | | | | | | | | | | | | | |
| STATION TWO: | 187,229 | 195,751 | 195,205 | 186,312 | 191,662 | 184,595 | 192,051 | 196,053 | 177,223 | 192,897 | 172,045 | 142,608 | 2,213,631 |
| BREC: | 130,736 | 137,278 | 133,726 | 133,821 | 145,990 | 140,840 | 142,703 | 143,382 | 129,328 | 145,223 | 128,302 | 94,914 | 1,606,243 |
| HMP&L | 56,493 | 58,473 | 61,479 | 52,491 | 45,672 | 43,755 | 49,348 | 52,671 | 47,895 | 47,674 | 43,743 | 47,694 | 607,388 |
| GREEN: | 277,737 | 292,440 | 292,681 | 276,234 | 292,296 | 281,727 | 293,488 | 299,352 | 269,422 | 206,436 | 244,865 | 290,593 | 3,317,271 |
| DISPOSAL (TONS) | | | | | | | | | | | | | |
| STATION TWO: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1541 | 0.1541 | 0.2230 | 0.2387 | 0.1538 | 0.1537 | 0.1540 | 0.1680 | 0.1670 | 0.1673 | 0.1671 | 0.1677 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 28,849 | 30,164 | 43,529 | 44,472 | 29,484 | 28,364 | 29,572 | 32,933 | 29,596 | 32,280 | 28,753 | 23,918 | 381,914 |
| Bottom Ash - Tons / Gross MWH | 0.0100 | 0.0100 | 0.1212 | 0.1484 | 0.0099 | 0.0099 | 0.0100 | 0.0116 | 0.0115 | 0.0115 | 0.0115 | 0.0116 | |
| Bottom Ash - Tons of Disposal | 1,864 | 1,949 | 23,664 | 27,656 | 1,905 | 1,833 | 1,911 | 2,272 | 2,041 | 2,227 | 1,983 | 1,650 | 70,955 |
| STATION TWO Gross Tons of Disposal | 30,713 | 32,113 | 67,193 | 72,128 | 31,389 | 30,197 | 31,483 | 35,205 | 31,637 | 34,507 | 30,736 | 25,568 | 452,869 |
| BREC: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1541 | 0.1541 | 0.2230 | 0.2387 | 0.1538 | 0.1537 | 0.1540 | 0.1680 | 0.1670 | 0.1673 | 0.1671 | 0.1677 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 20,144 | 21,154 | 29,820 | 31,943 | 22,458 | 21,641 | 21,973 | 24,085 | 21,598 | 24,302 | 21,442 | 15,919 | 276,479 |
| Bottom Ash - Tons / Gross MWH | 0.0100 | 0.0100 | 0.1212 | 0.1484 | 0.0099 | 0.0099 | 0.0100 | 0.0116 | 0.0115 | 0.0115 | 0.0115 | 0.0116 | |
| Bottom Ash - Tons of Disposal | 1,302 | 1,367 | 16,211 | 19,864 | 1,451 | 1,399 | 1,420 | 1,662 | 1,489 | 1,677 | 1,479 | 1,098 | 50,419 |
| BREC Gross Tons of Disposal | 21,446 | 22,521 | 46,031 | 51,807 | 23,909 | 23,040 | 23,393 | 25,747 | 23,087 | 25,979 | 22,921 | 17,017 | 326,898 |
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | |
| BREC DISPOSAL COSTS | \$ 38,174 | \$ 40,087 | \$ 81,935 | \$ 92,216 | \$ 42,558 | \$ 41,011 | \$ 41,640 | \$ 45,830 | \$ 41,095 | \$ 46,243 | \$ 40,799 | \$ 30,290 | \$ 581,878 |
| HMP&L: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1541 | 0.1541 | 0.2230 | 0.2387 | 0.1538 | 0.1537 | 0.1540 | 0.1680 | 0.1670 | 0.1673 | 0.1671 | 0.1677 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 8,705 | 9,010 | 13,709 | 12,529 | 7,026 | 6,723 | 7,589 | 8,848 | 7,998 | 7,978 | 7,311 | 7,999 | 105,435 |
| Bottom Ash - Tons / Gross MWH | 0.0100 | 0.0100 | 0.1212 | 0.1484 | 0.0099 | 0.0099 | 0.0100 | 0.0116 | 0.0115 | 0.0115 | 0.0115 | 0.0116 | |
| Bottom Ash - Tons of Disposal | 562 | 582 | 7,453 | 7,792 | 454 | 434 | 491 | 610 | 552 | 550 | 504 | 552 | 20,536 |
| HMP&L Gross Tons of Disposal | 9,267 | 9,592 | 21,162 | 20,321 | 7,480 | 7,157 | 8,090 | 9,458 | 8,550 | 8,528 | 7,815 | 8,551 | 125,971 |
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | |
| Landfill (Pozatec/Ash Disposal) - HMPL Only | \$ 16,495 | \$ 17,074 | \$ 37,668 | \$ 36,171 | \$ 13,314 | \$ 12,739 | \$ 14,400 | \$ 16,835 | \$ 15,219 | \$ 15,180 | \$ 13,911 | \$ 15,221 | \$ 224,227 |
| Landfill Usage Fee (per ton) - HMPL Only | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | |
| Landfill Usage Fee - HMPL Only | \$ 9,981 | \$ 10,331 | \$ 22,791 | \$ 21,866 | \$ 8,056 | \$ 7,708 | \$ 8,713 | \$ 10,186 | \$ 9,208 | \$ 9,185 | \$ 8,417 | \$ 9,209 | \$ 135,671 |
| HMP&L DISPOSAL COSTS | \$ 26,476 | \$ 27,405 | \$ 60,459 | \$ 58,057 | \$ 21,370 | \$ 20,447 | \$ 23,113 | \$ 27,021 | \$ 24,427 | \$ 24,365 | \$ 22,328 | \$ 24,430 | \$ 359,898 |

**Henderson Station Two
2013 / 2014 Operating Plan
Reagent Costs**

| | Jun '13 | Jul '13 | Aug '13 | Sep '13 | Oct '13 | Nov '13 | Dec '13 | Jan '14 | Feb '14 | Mar '14 | Apr '14 | May '14 | Total |
|---|---------------|---------------|-----------------------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|
| GREEN: | | | Increased due to Landfill Capping | | | | | | | | | | |
| Pozzatic/Ash Disposal - Flyash - Tons / Gross MWH | 0.1650 | 0.1650 | 0.1650 | 0.1650 | 0.1650 | 0.1650 | 0.1650 | 0.1677 | 0.1677 | 0.1677 | 0.1677 | 0.1677 | |
| Pozzatic/Ash Disposal - Flyash - Tons of Disposal | 45,838 | 48,265 | 48,305 | 45,590 | 48,241 | 46,497 | 48,438 | 50,213 | 45,192 | 34,627 | 41,073 | 48,744 | 551,023 |
| Bottom Ash - Tons / Gross MWH | 0.0115 | 0.0115 | 0.0115 | 0.0115 | 0.0115 | 0.0115 | 0.0115 | 0.0104 | 0.0104 | 0.0104 | 0.0104 | 0.0104 | |
| Bottom Ash - Tons of Disposal | 3,199 | 3,368 | 3,371 | 3,181 | 3,366 | 3,245 | 3,380 | 3,128 | 2,815 | 2,157 | 2,558 | 3,036 | 36,804 |
| GREEN Gross Tons of Disposal | 49,037 | 51,633 | 51,676 | 48,771 | 51,607 | 49,742 | 51,818 | 53,341 | 48,007 | 36,784 | 43,631 | 51,780 | 587,827 |
| STATION TWO & GREEN Gross Tons of Disposal | 79,750 | 83,746 | 118,869 | 120,899 | 82,996 | 79,939 | 83,301 | 88,546 | 79,644 | 71,291 | 74,367 | 77,348 | 1,040,696 |
| Station II % of Total Site Disposal | 38.5% | 38.3% | 56.5% | 59.7% | 37.8% | 37.8% | 37.8% | 39.8% | 39.7% | 48.4% | 41.3% | 33.1% | |

FGD SYSTEM COST

| Shared FGD System - Disposal Allocation: | | | | | | | | | | | | | |
|--|------------------|------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Fixation Lime - Green | \$ 72,893 | \$ 76,752 | \$ 76,815 | \$ 72,499 | \$ 76,714 | \$ 73,940 | \$ 77,027 | \$ 79,791 | \$ 71,813 | \$ 55,025 | \$ 65,268 | \$ 77,456 | \$ 875,985 |
| Fixation Lime - SII | 45,135 | 47,192 | 47,234 | 44,776 | 46,128 | 44,376 | 46,266 | 53,452 | 48,036 | 52,394 | 46,668 | 38,821 | 560,480 |
| Ash Pond Dredging - SII | - | - | 52,500 | 52,500 | - | - | - | - | - | - | - | - | 105,000 |
| Sodium Bisulfite - Green | 5,373 | 5,658 | 5,662 | 5,344 | 5,655 | 5,450 | 5,678 | 5,791 | 5,212 | 3,994 | 4,737 | 5,622 | 64,176 |
| Sodium Bisulfite - SII | 3,684 | 3,831 | 3,835 | 3,635 | 3,745 | 3,602 | 3,756 | 3,807 | 3,421 | 3,731 | 3,323 | 2,785 | 43,115 |
| Total Shared FGD System - Disposal Allocation | 127,066 | 133,433 | 186,046 | 178,754 | 132,242 | 127,369 | 132,727 | 142,841 | 128,483 | 115,143 | 119,997 | 124,664 | 1,648,765 |
| Station II % of Total Site Disposal | 38.5% | 38.3% | 56.5% | 59.7% | 37.8% | 37.8% | 37.8% | 39.8% | 39.7% | 48.4% | 41.3% | 33.1% | |
| STATION TWO Portion of Disposal | \$ 48,935 | \$ 51,166 | \$ 105,166 | \$ 106,644 | \$ 50,814 | \$ 48,114 | \$ 50,163 | \$ 56,792 | \$ 51,037 | \$ 55,733 | \$ 49,595 | \$ 41,209 | \$ 714,568 |

SCR/Scrubber Reagents:

| | | | | | | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|---------------------|
| Ammonia - SII | \$ 111,279 | \$ 118,351 | \$ 116,453 | \$ 110,394 | \$ 113,728 | \$ 109,407 | \$ 114,068 | \$ 99,406 | \$ 89,334 | \$ 97,438 | \$ 86,790 | \$ 72,196 | \$ 1,236,845 |
| Emulsified Sulfur - SII | 13,130 | 13,729 | 13,741 | 13,026 | 13,419 | 12,909 | 13,459 | 13,889 | 12,481 | 13,614 | 12,126 | 10,087 | 155,612 |
| STATION TWO SCR/Scrubber Reagents | \$ 124,410 | \$ 130,080 | \$ 130,194 | \$ 123,420 | \$ 127,147 | \$ 122,316 | \$ 127,528 | \$ 113,295 | \$ 101,816 | \$ 111,051 | \$ 98,917 | \$ 82,283 | \$ 1,392,457 |
| Emission Controls: Air Emission Fees | 15,627 | 15,627 | 15,627 | 15,627 | 15,627 | 15,627 | 15,618 | 16,803 | 16,803 | 16,803 | 16,803 | 16,803 | 193,395 |
| FGD System Amortization | 25,100 | 25,100 | 25,100 | 25,100 | 25,100 | 25,100 | 25,100 | 21,716 | 21,716 | 21,716 | 21,716 | 21,716 | 284,280 |

| | | | | | | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| Total Station Two FGD System Cost | \$ 214,072 | \$ 221,973 | \$ 276,087 | \$ 270,791 | \$ 217,888 | \$ 211,157 | \$ 218,409 | \$ 208,606 | \$ 191,372 | \$ 205,303 | \$ 187,031 | \$ 162,011 | \$ 2,584,700 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|

| | | | | | | | | | | | | | |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| BREC FGD System Cost @ 197 MW | \$ 135,167 | \$ 140,156 | \$ 174,324 | \$ 170,980 | \$ 137,577 | \$ 133,327 | \$ 137,906 | \$ 131,716 | \$ 120,834 | \$ 129,630 | \$ 118,093 | \$ 102,295 | \$ 1,632,005 |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|

| | | | | | | | | | | | | | |
|---|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| HMP&L FGD System Cost @ 115 MW | \$ 78,905 | \$ 81,817 | \$ 101,763 | \$ 99,811 | \$ 80,311 | \$ 77,830 | \$ 80,503 | \$ 76,890 | \$ 70,538 | \$ 75,673 | \$ 68,938 | \$ 59,716 | \$ 952,695 |
|---|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|

TOTAL FGD SYSTEM & DISPOSAL COST

| | | | | | | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| Total Station Two Reagent Costs | \$ 278,722 | \$ 289,465 | \$ 418,481 | \$ 421,064 | \$ 281,816 | \$ 272,615 | \$ 283,162 | \$ 281,457 | \$ 256,894 | \$ 275,911 | \$ 250,158 | \$ 216,731 | \$ 3,526,476 |
| BREC Allocation of Reagent Costs | \$ 173,341 | \$ 180,243 | \$ 256,259 | \$ 263,196 | \$ 180,135 | \$ 174,338 | \$ 179,546 | \$ 177,546 | \$ 161,929 | \$ 175,873 | \$ 158,892 | \$ 132,585 | \$ 2,213,883 |
| HMP&L Allocation of Reagent Costs | \$ 105,381 | \$ 109,222 | \$ 162,222 | \$ 157,868 | \$ 101,681 | \$ 98,277 | \$ 103,616 | \$ 103,911 | \$ 94,965 | \$ 100,038 | \$ 91,266 | \$ 84,146 | \$ 1,312,593 |

Station II
Reagent Costs
2012 / 2013 Operating Plan

| | Jan '12 | Jul '12 | Aug '12 | Sep '12 | Oct '12 | Nov '12 | Dec '12 | Jan '13 | Feb '13 | Mar '13 | Apr '13 | May '13 | Total |
|-------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| NET GENERATION (MWH) | | | | | | | | | | | | | |
| STATION TWO: | 174,376 | 198,541 | 200,273 | 188,429 | 183,716 | 183,740 | 199,239 | 200,745 | 176,396 | 183,369 | 94,751 | 135,926 | 2,119,521 |
| BREC: | 119,559 | 142,148 | 140,887 | 138,179 | 137,674 | 140,145 | 149,607 | 147,670 | 128,414 | 135,832 | 50,748 | 88,654 | 1,519,517 |
| HMP&L | 56,918 | 58,494 | 61,487 | 52,351 | 48,143 | 45,696 | 51,753 | 55,176 | 50,083 | 49,638 | 46,104 | 49,373 | 625,216 |
| Adjusted per HMP&L's Request | (2,101) | (2,101) | (2,101) | (2,101) | (2,101) | (2,101) | (2,101) | (2,101) | (2,101) | (2,101) | (2,101) | (2,101) | (25,210) |
| HMP&L (Projected): | 54,817 | 56,393 | 59,386 | 50,250 | 46,042 | 43,595 | 49,652 | 53,075 | 47,982 | 47,537 | 44,003 | 47,272 | 600,004 |
| GREEN: | 221,785 | 297,756 | 297,665 | 237,420 | 245,677 | 246,320 | 314,232 | 312,672 | 249,849 | 352,831 | 244,964 | 252,247 | 3,173,417 |

| | Jan '12 | Jul '12 | Aug '12 | Sep '12 | Oct '12 | Nov '12 | Dec '12 | Jan '13 | Feb '13 | Mar '13 | Apr '13 | May '13 | Total |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| DISPOSAL (TONS) | | | | | | | | | | | | | |
| STATION TWO: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1545 | 0.1545 | 0.1571 | 0.2093 | 0.3231 | 0.1545 | 0.1545 | 0.1548 | 0.1548 | 0.1548 | 0.1548 | 0.1548 | 0.1548 |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 26,948 | 30,683 | 31,460 | 39,429 | 59,359 | 28,395 | 30,794 | 31,072 | 27,303 | 28,383 | 14,666 | 21,039 | 369,533 |
| Bottom Ash - Tons / Gross MWH | 0.0100 | 0.0100 | 0.0100 | 0.1053 | 0.1021 | 0.0100 | 0.0100 | 0.0100 | 0.0100 | 0.0100 | 0.0100 | 0.0100 | 0.0100 |
| Bottom Ash - Tons of Disposal | 1,747 | 1,989 | 2,006 | 19,834 | 18,750 | 1,840 | 1,996 | 2,017 | 1,772 | 1,842 | 952 | 1,365 | 56,109 |
| STATION TWO Gross Tons of Disposal | 28,695 | 32,671 | 33,466 | 59,264 | 78,109 | 30,236 | 32,789 | 33,089 | 29,075 | 30,225 | 15,618 | 22,405 | 425,642 |

| | | | | | | | | | | | | | |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|----------------|
| BREC: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1545 | 0.1545 | 0.1571 | 0.2093 | 0.3231 | 0.1545 | 0.1545 | 0.1548 | 0.1548 | 0.1548 | 0.1548 | 0.1548 | 0.1548 |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 18,477 | 21,968 | 22,131 | 28,914 | 44,483 | 21,658 | 23,120 | 22,857 | 19,877 | 21,025 | 7,855 | 13,722 | 266,088 |
| Bottom Ash - Tons / Gross MWH | 0.0100 | 0.0100 | 0.0100 | 0.1053 | 0.1021 | 0.0100 | 0.0100 | 0.0100 | 0.0100 | 0.0100 | 0.0100 | 0.0100 | 0.0100 |
| Bottom Ash - Tons of Disposal | 1,197 | 1,424 | 1,411 | 14,545 | 14,031 | 1,404 | 1,498 | 1,483 | 1,290 | 1,364 | 510 | 891 | 41,068 |
| BREC Gross Tons of Disposal | 19,674 | 23,391 | 23,543 | 43,459 | 58,514 | 23,062 | 24,619 | 24,340 | 21,167 | 22,389 | 8,365 | 14,613 | 307,156 |

| | | | | | | | | | | | | | |
|--|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 |
| BREC DISPOSAL COSTS | \$ 35,020 | \$ 41,637 | \$ 41,906 | \$ 77,358 | \$ 104,190 | \$ 41,050 | \$ 43,822 | \$ 43,326 | \$ 37,676 | \$ 39,853 | \$ 14,889 | \$ 26,011 | \$ 546,738 |

| | | | | | | | | | | | | | |
|--|--------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| HMP&L: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1545 | 0.1545 | 0.1571 | 0.2093 | 0.3231 | 0.1545 | 0.1545 | 0.1548 | 0.1548 | 0.1548 | 0.1548 | 0.1548 | 0.1548 |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 8,471 | 8,715 | 9,329 | 10,515 | 14,876 | 6,737 | 7,673 | 8,215 | 7,427 | 7,358 | 6,811 | 7,317 | 103,445 |
| Bottom Ash - Tons / Gross MWH | 0.0100 | 0.0100 | 0.0100 | 0.1053 | 0.1021 | 0.0100 | 0.0100 | 0.0100 | 0.0100 | 0.0100 | 0.0100 | 0.0100 | 0.0100 |
| Bottom Ash - Tons of Disposal | 549 | 565 | 595 | 5,289 | 4,699 | 437 | 497 | 533 | 482 | 478 | 442 | 475 | 15,041 |
| HMP&L Gross Tons of Disposal | 9,021 | 9,280 | 9,924 | 15,804 | 19,575 | 7,174 | 8,171 | 8,748 | 7,909 | 7,836 | 7,253 | 7,792 | 118,486 |

| | | | | | | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 |
| Landfill (Pozatec/Ash Disposal) - HMPL Only | \$ 16,057 | \$ 16,518 | \$ 17,664 | \$ 28,132 | \$ 34,844 | \$ 12,769 | \$ 14,544 | \$ 15,572 | \$ 14,078 | \$ 13,947 | \$ 12,910 | \$ 13,869 | \$ 210,904 |
| Landfill Usage Fee (per ton) - HMPL Only | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 |
| Landfill Usage Fee - HMPL Only | \$ 9,715 | \$ 9,994 | \$ 10,688 | \$ 17,021 | \$ 21,083 | \$ 7,726 | \$ 8,800 | \$ 9,422 | \$ 8,518 | \$ 8,439 | \$ 7,812 | \$ 8,392 | \$ 127,610 |
| HMP&L DISPOSAL COSTS | \$ 25,773 | \$ 26,513 | \$ 28,353 | \$ 45,154 | \$ 55,928 | \$ 20,496 | \$ 23,345 | \$ 24,995 | \$ 22,597 | \$ 22,387 | \$ 20,723 | \$ 22,262 | \$ 338,526 |

**Station II
Reagent Costs
2012 / 2013 Operating Plan**

| | Jun '12 | Jul '12 | Aug '12 | Sep '12 | Oct '12 | Nov '12 | Dec '12 | Jan '13 | Feb '13 | Mar '13 | Apr '13 | May '13 | Total |
|---|---------------|---------------|-----------------------------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|
| GREEN: | | | Increased due to Landfill Capping | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1943 | 0.1943 | 0.2837 | 0.2837 | 0.3137 | 0.1943 | 0.1943 | 0.1915 | 0.1915 | 0.1915 | 0.1915 | 0.1915 | |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 43,086 | 57,845 | 84,450 | 67,358 | 77,071 | 47,853 | 61,046 | 59,865 | 47,836 | 48,407 | 46,901 | 48,295 | 690,013 |
| Bottom Ash - Tons / Gross MWH | 0.0153 | 0.0153 | 0.0153 | 0.1318 | 0.1278 | 0.0153 | 0.0153 | 0.0152 | 0.0152 | 0.0152 | 0.0152 | 0.0152 | |
| Bottom Ash - Tons of Disposal | 3,402 | 4,568 | 4,566 | 31,280 | 31,407 | 3,779 | 4,820 | 4,748 | 3,794 | 3,839 | 3,720 | 3,830 | 103,754 |
| GREEN Gross Tons of Disposal | 46,488 | 62,413 | 89,016 | 98,638 | 108,478 | 51,631 | 65,866 | 64,613 | 51,630 | 52,247 | 50,621 | 52,126 | 793,767 |
| STATION TWO & GREEN Gross Tons of Disposal | 75,183 | 95,084 | 122,482 | 157,902 | 186,587 | 81,867 | 98,656 | 97,701 | 80,706 | 82,471 | 66,239 | 74,531 | 1,219,409 |
| Station II % of Total Site Disposal | 38.2% | 34.4% | 27.3% | 37.5% | 41.9% | 36.9% | 33.2% | 33.9% | 36.0% | 36.6% | 23.6% | 30.1% | |

FGD SYSTEM COST

Shared FGD System - Disposal Allocation:

| | | | | | | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Fixation Lime - Green | \$ 70,092 | \$ 94,102 | \$ 94,073 | \$ 75,033 | \$ 77,643 | \$ 77,846 | \$ 99,308 | \$ 97,490 | \$ 77,902 | \$ 78,832 | \$ 76,379 | \$ 78,650 | \$ 997,350 |
| Fixation Lime - SII | 41,953 | 47,767 | 48,183 | 45,334 | 44,200 | 44,206 | 47,940 | 48,387 | 42,518 | 44,198 | 22,838 | 32,763 | 510,286 |
| Sodium Bisulfite - Green | 4,041 | 5,425 | 5,424 | 4,326 | 4,477 | 4,488 | 5,726 | 5,868 | 4,089 | 4,745 | 4,597 | 4,734 | 58,541 |
| Sodium Bisulfite - SII | 3,177 | 3,618 | 3,649 | 3,433 | 3,348 | 3,348 | 3,631 | 3,768 | 3,311 | 3,441 | 1,778 | 2,551 | 39,053 |
| Total Shared FGD System - Disposal Allocation | 119,263 | 150,911 | 151,329 | 128,126 | 129,667 | 129,888 | 156,604 | 155,513 | 128,420 | 131,217 | 105,593 | 118,698 | 1,605,229 |
| Station II % of Total Site Disposal | 38.2% | 34.4% | 27.3% | 37.5% | 41.9% | 36.9% | 33.2% | 33.9% | 36.0% | 36.6% | 23.6% | 30.1% | |
| STATION TWO Portion of Disposal | \$ 45,519 | \$ 51,854 | \$ 41,348 | \$ 48,088 | \$ 54,281 | \$ 47,971 | \$ 52,049 | \$ 52,668 | \$ 46,265 | \$ 48,089 | \$ 24,897 | \$ 35,682 | \$ 548,711 |

SCR/Scrubber Reagents:

| | | | | | | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| Ammonia - SII | 95,903 | 109,194 | 110,146 | 103,632 | 101,040 | 101,054 | 109,589 | 120,112 | 105,544 | 109,715 | 56,693 | 81,329 | 1,203,952 |
| Emulsified Sulfur - SII (Adjust to \$/lb/month per HMP&L requ) | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 96,000 |
| STATION TWO SCR/Scrubber Reagents | \$ 103,903 | \$ 117,194 | \$ 118,146 | \$ 111,632 | \$ 109,040 | \$ 109,054 | \$ 117,589 | \$ 128,112 | \$ 113,544 | \$ 117,715 | \$ 64,693 | \$ 89,329 | \$ 1,299,952 |
| Emission Controls: Air Emission Fees | 22,399 | 22,399 | 22,399 | 22,399 | 22,399 | 22,399 | 22,391 | 23,074 | 23,074 | 23,074 | 23,074 | 23,074 | 271,155 |
| FGD System Amortization | 31,869 | 31,869 | 31,869 | 31,869 | 31,869 | 31,869 | 31,869 | 28,485 | 28,485 | 28,485 | 28,485 | 28,485 | 365,508 |
| Total Station Two FGD System Cost | \$ 203,690 | \$ 223,316 | \$ 213,762 | \$ 213,988 | \$ 217,589 | \$ 211,293 | \$ 223,898 | \$ 232,339 | \$ 211,368 | \$ 217,363 | \$ 141,149 | \$ 176,570 | \$ 2,486,326 |
| BREC FGD System Cost @ 197 MW | \$ 128,612 | \$ 141,004 | \$ 134,972 | \$ 135,114 | \$ 137,388 | \$ 133,412 | \$ 141,371 | \$ 146,701 | \$ 133,460 | \$ 137,345 | \$ 89,123 | \$ 111,488 | \$ 1,569,890 |
| BREC FGD System Cost @ 115 MW | \$ 75,078 | \$ 82,312 | \$ 78,791 | \$ 78,874 | \$ 80,201 | \$ 77,880 | \$ 82,526 | \$ 85,638 | \$ 77,908 | \$ 80,118 | \$ 52,026 | \$ 65,082 | \$ 916,434 |

TOTAL FGD SYSTEM & DISPOSAL COST

| | | | | | | | | | | | | | |
|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| TOTAL STATION TWO | \$ 264,483 | \$ 291,466 | \$ 284,021 | \$ 336,500 | \$ 377,707 | \$ 272,839 | \$ 291,065 | \$ 300,560 | \$ 271,641 | \$ 279,603 | \$ 176,761 | \$ 224,843 | \$ 3,371,589 |
| BREC ALLOCATION | \$ 163,632 | \$ 182,641 | \$ 176,878 | \$ 212,472 | \$ 241,578 | \$ 174,462 | \$ 185,193 | \$ 190,027 | \$ 171,136 | \$ 177,098 | \$ 104,012 | \$ 137,499 | \$ 2,116,628 |
| HMP&L ALLOCATION | \$ 100,851 | \$ 108,824 | \$ 107,144 | \$ 124,027 | \$ 136,129 | \$ 98,376 | \$ 105,871 | \$ 110,633 | \$ 100,505 | \$ 102,506 | \$ 72,748 | \$ 87,344 | \$ 1,254,958 |

**Station II
Reagent Costs
2011 / 2012 Operating Plan**

| | Jun '11 | Jul '11 | Aug '11 | Sep '11 | Oct '11 | Nov '11 | Dec '11 | Jan '12 | Feb '12 | Mar '12 | Apr '12 | May '12 | Total |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| GROSS GENERATION (MWH) | | | | | | | | | | | | | |
| STATION TWO: | 205,616 | 216,106 | 218,309 | 207,484 | 210,918 | 206,774 | 216,581 | 218,095 | 207,972 | 212,007 | 102,610 | 149,976 | 2,372,447 |
| BREC: | 155,444 | 158,255 | 158,279 | 157,307 | 160,738 | 156,600 | 169,681 | 166,828 | 161,067 | 165,097 | 53,507 | 91,645 | 1,754,446 |
| HMP&L | 57,824 | 65,505 | 67,682 | 57,829 | 57,832 | 57,826 | 54,532 | 58,920 | 54,558 | 54,561 | 56,754 | 65,985 | 709,827 |
| Adjusted per HMP&L's Request | (7,652) | (7,652) | (7,652) | (7,652) | (7,652) | (7,652) | (7,652) | (7,652) | (7,652) | (7,652) | (7,652) | (7,652) | (91,827) |
| HMP&L (Projected): | 50,172 | 57,853 | 60,030 | 50,177 | 50,180 | 50,174 | 46,900 | 51,268 | 46,906 | 46,909 | 49,102 | 58,330 | 618,000 |
| GREEN: | 305,412 | 320,602 | 326,083 | 309,397 | 196,014 | 224,612 | 326,907 | 334,402 | 317,132 | 328,667 | 308,446 | 251,309 | 3,548,985 |
| DISPOSAL (TONS) | | | | | | | | | | | | | |
| STATION TWO: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 30,946 | 32,525 | 32,856 | 31,227 | 31,744 | 31,120 | 32,596 | 32,824 | 31,301 | 31,908 | 15,443 | 22,572 | 257,062 |
| Bottom Ash - Tons / Gross MWH | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 |
| Bottom Ash - Tons of Disposal | 1,905 | 2,002 | 2,023 | 1,923 | 1,954 | 1,916 | 2,007 | 2,021 | 1,927 | 1,964 | 951 | 1,390 | 21,984 |
| STATION TWO Gross Tons of Disposal | 32,851 | 34,527 | 34,879 | 33,150 | 33,698 | 33,036 | 34,603 | 34,845 | 33,228 | 33,872 | 16,394 | 23,962 | 379,046 |
| BREC: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 23,395 | 23,818 | 23,822 | 23,675 | 24,192 | 23,569 | 25,538 | 25,108 | 24,241 | 24,848 | 8,055 | 13,793 | 264,051 |
| Bottom Ash - Tons / Gross MWH | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 |
| Bottom Ash - Tons of Disposal | 1,440 | 1,466 | 1,467 | 1,458 | 1,489 | 1,451 | 1,572 | 1,546 | 1,492 | 1,530 | 496 | 849 | 16,257 |
| BREC Gross Tons of Disposal | 24,835 | 25,284 | 25,288 | 25,133 | 25,681 | 25,020 | 27,110 | 26,654 | 25,734 | 26,378 | 8,549 | 14,642 | 280,308 |
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 |
| BREC DISPOSAL COSTS | \$ 42,717 | \$ 43,489 | \$ 43,496 | \$ 43,229 | \$ 44,172 | \$ 43,034 | \$ 46,629 | \$ 47,444 | \$ 45,806 | \$ 46,952 | \$ 15,217 | \$ 26,063 | \$ 488,248 |
| HMP&L: | | | | | | | | | | | | | |
| Pozatec/Ash Disposal - Flyash - Tons / Gross MWH | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 | 0.1505 |
| Pozatec/Ash Disposal - Flyash - Tons of Disposal | 7,551 | 8,707 | 9,035 | 7,552 | 7,552 | 7,551 | 7,059 | 7,716 | 7,059 | 7,060 | 7,390 | 8,779 | 93,011 |
| Bottom Ash - Tons / Gross MWH | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 | 0.0093 |
| Bottom Ash - Tons of Disposal | 465 | 536 | 536 | 465 | 465 | 465 | 435 | 475 | 435 | 435 | 435 | 541 | 5,727 |
| HMP&L Gross Tons of Disposal | 8,016 | 9,243 | 9,571 | 8,017 | 8,017 | 8,016 | 7,493 | 8,191 | 7,494 | 7,495 | 7,845 | 9,319 | 98,738 |
| Landfill Pozatec/Ash Disposal - Flyash (per ton) | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 |
| Landfill Pozatec/Ash Disposal - Bottom Ash (per ton) | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,720 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 | \$ 1,780 |
| Landfill (Pozatec/Ash Disposal) - HMP&L Only | \$ 13,788 | \$ 15,898 | \$ 16,496 | \$ 13,789 | \$ 13,790 | \$ 13,798 | \$ 12,888 | \$ 14,580 | \$ 13,340 | \$ 13,341 | \$ 13,964 | \$ 16,589 | \$ 172,251 |
| Landfill Usage Fee (per ton) - HMP&L Only | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 | \$ 1,077 |
| Landfill Usage Fee - HMP&L Only | \$ 8,633 | \$ 9,955 | \$ 10,329 | \$ 8,634 | \$ 8,635 | \$ 8,634 | \$ 8,070 | \$ 8,822 | \$ 8,071 | \$ 8,072 | \$ 8,449 | \$ 10,037 | \$ 106,341 |
| HMP&L DISPOSAL COSTS | \$ 22,422 | \$ 25,854 | \$ 26,826 | \$ 22,424 | \$ 22,426 | \$ 22,423 | \$ 20,959 | \$ 23,403 | \$ 21,412 | \$ 21,414 | \$ 22,414 | \$ 26,627 | \$ 278,604 |

**Station II
Reagent Costs
2011 / 2012 Operating Plan**

| | Jan '11 | Jul '11 | Aug '11 | Sep '11 | Oct '11 | Nov '11 | Dec '11 | Jan '12 | Feb '12 | Mar '12 | Apr '12 | May '12 | Total |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|
| GREEN: | | | | | | | | | | | | | |
| Pozzolan/Ash Disposal - Flyash - Tons / Gross MWH | 0.1730 | 0.1730 | 0.1730 | 0.1730 | 0.1730 | 0.1730 | 0.1730 | 0.1730 | 0.1730 | 0.1730 | 0.1730 | 0.1730 | |
| Pozzolan/Ash Disposal - Flyash - Tons of Disposal | 52,844 | 55,472 | 56,421 | 55,534 | 53,915 | 38,864 | 56,563 | 57,860 | 54,872 | 56,868 | 53,369 | 43,483 | 614,065 |
| Bottom Ash - Tons / Gross MWH | 0.0121 | 0.0121 | 0.0121 | 0.0121 | 0.0121 | 0.0121 | 0.0121 | 0.0121 | 0.0121 | 0.0121 | 0.0121 | 0.0121 | |
| Bottom Ash - Tons of Disposal | 3,683 | 3,866 | 3,952 | 3,731 | 2,364 | 2,709 | 3,942 | 4,032 | 3,824 | 3,963 | 3,719 | 3,030 | 42,796 |
| GREEN Gross Tons of Disposal | 56,527 | 59,338 | 60,373 | 57,264 | 56,279 | 41,573 | 60,505 | 61,893 | 58,696 | 60,831 | 57,088 | 46,513 | 656,861 |
| STATION TWO & GREEN Gross Tons of Disposal | 89,378 | 93,866 | 95,232 | 90,414 | 69,977 | 74,608 | 95,108 | 96,738 | 91,924 | 94,703 | 73,482 | 70,475 | 1,035,907 |
| Station II % of Total Site Disposal | 36.8% | 36.8% | 36.6% | 36.7% | 48.2% | 44.3% | 36.4% | 36.0% | 36.1% | 35.8% | 22.3% | 34.0% | |

FGD SYSTEM COST

| Shared FGD System - Disposal Allocation: | | | | | | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| Fixation Lime - Green | \$ 78,849 | \$ 82,771 | \$ 84,166 | \$ 79,878 | \$ 50,606 | \$ 57,989 | \$ 84,399 | \$ 86,334 | \$ 81,875 | \$ 84,853 | \$ 79,633 | \$ 70,031 | \$ 921,405 |
| Fixation Lime - SII | 45,001 | 47,297 | 47,779 | 45,410 | 46,162 | 45,255 | 47,401 | 47,733 | 45,517 | 46,400 | 22,457 | 35,429 | 521,845 |
| Ash Pond Dredging - SII | - | 100,000 | 100,000 | - | - | - | - | - | - | - | - | - | 200,000 |
| Sodium Bisulfite - Green | 7,130 | 7,485 | 7,613 | 7,223 | 4,576 | 5,244 | 7,632 | 8,041 | 7,626 | 7,903 | 7,417 | 6,043 | 83,932 |
| Sodium Bisulfite - SII | 5,249 | 5,317 | 5,573 | 5,297 | 5,384 | 5,279 | 5,529 | 5,731 | 5,465 | 5,571 | 2,696 | 3,941 | 61,231 |
| Total Shared FGD System - Disposal Allocation | 136,230 | 243,070 | 245,151 | 137,808 | 106,728 | 113,766 | 144,961 | 147,838 | 140,483 | 144,727 | 112,203 | 115,444 | 1,788,411 |
| Station II % of Total Site Disposal | 36.8% | 36.8% | 36.6% | 36.7% | 48.2% | 44.3% | 36.4% | 36.0% | 36.1% | 35.8% | 22.3% | 34.0% | |
| STATION TWO Portion of Disposal | \$ 50,072 | \$ 89,410 | \$ 89,788 | \$ 50,526 | \$ 51,396 | \$ 50,375 | \$ 52,741 | \$ 53,252 | \$ 50,780 | \$ 51,764 | \$ 25,033 | \$ 39,251 | \$ 654,388 |
| SCR/Scrubber Reagents: | | | | | | | | | | | | | |
| Ammonia - SII | 88,757 | 94,515 | 96,490 | 92,296 | 95,573 | 98,235 | 108,353 | 112,854 | 106,633 | 105,806 | 47,638 | 69,714 | 1,116,846 |
| Emulsified Sulfur - SII (Adjust to 58¢/month per HMPL req) | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 96,000 |
| STATION TWO SCR/Scrubber Reagents | \$ 96,757 | \$ 102,515 | \$ 104,490 | \$ 100,296 | \$ 103,573 | \$ 106,235 | \$ 116,353 | \$ 120,854 | \$ 114,633 | \$ 113,806 | \$ 55,638 | \$ 77,714 | \$ 1,212,846 |
| Emission Controls: Air Emission Fees | 21,265 | 21,973 | 21,973 | 21,265 | 21,973 | 21,265 | 21,973 | 22,412 | 20,244 | 22,412 | 21,690 | 22,412 | 260,857 |
| FGD System Amortization | 31,869 | 31,869 | 31,869 | 31,869 | 31,869 | 31,869 | 31,869 | 28,485 | 28,485 | 28,485 | 28,485 | 28,485 | 365,508 |
| Total Station Two FGD System Cost | \$ 199,963 | \$ 245,767 | \$ 248,120 | \$ 203,956 | \$ 208,811 | \$ 209,744 | \$ 222,936 | \$ 224,983 | \$ 214,142 | \$ 216,467 | \$ 130,846 | \$ 167,862 | \$ 2,493,599 |
| BREC FGD System Cost @ 202 MW | \$ 129,463 | \$ 159,119 | \$ 160,642 | \$ 132,049 | \$ 135,192 | \$ 135,796 | \$ 144,337 | \$ 145,662 | \$ 138,643 | \$ 140,148 | \$ 84,715 | \$ 108,680 | \$ 1,614,446 |
| HMP&L FGD System Cost @ 110 MW | \$ 70,500 | \$ 86,649 | \$ 87,478 | \$ 71,908 | \$ 73,619 | \$ 73,948 | \$ 78,599 | \$ 79,321 | \$ 75,499 | \$ 76,318 | \$ 46,132 | \$ 59,182 | \$ 879,153 |

TOTAL FGD SYSTEM & DISPOSAL COST

| | | | | | | | | | | | | | |
|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| TOTAL STATION TWO | \$ 265,102 | \$ 315,110 | \$ 318,442 | \$ 269,609 | \$ 275,409 | \$ 275,201 | \$ 290,534 | \$ 295,830 | \$ 281,360 | \$ 284,833 | \$ 168,477 | \$ 220,552 | \$ 3,260,449 |
| BREC ALLOCATION | \$ 172,180 | \$ 202,608 | \$ 204,138 | \$ 175,278 | \$ 179,364 | \$ 178,830 | \$ 190,966 | \$ 193,106 | \$ 184,449 | \$ 187,100 | \$ 99,932 | \$ 134,743 | \$ 2,102,694 |
| HMP&L ALLOCATION | \$ 92,922 | \$ 112,502 | \$ 114,304 | \$ 94,331 | \$ 96,045 | \$ 96,371 | \$ 99,558 | \$ 102,724 | \$ 96,911 | \$ 97,733 | \$ 68,545 | \$ 85,809 | \$ 1,157,755 |

REVISED INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
July 13, 2016

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------------|
| For excess energy from 06/01/2016 through 06/30/2016 | |
| Excess Energy mWhrs Purchased by BREC | 2,253 \$3,379.50 |
| Net MISO Revenue from Excess Energy Retained by HMPL | 18,140 \$404,434.78 |
| Total Excess Energy | 20,393 \$407,814.28 |
| Net Due HMPL | Total \$407,814.28 |

Make all checks payable to Henderson Municipal Power & Light

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
August 2, 2016

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------------|
| For Excess Henderson Energy from 07/01/2016 through 07/31/2016 | |
| Excess Energy mWhrs Purchased by BREC | 5,630 \$8,445.00 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 23,989 \$565,382.49 |
| Total Excess Henderson Energy | 29,619 \$573,827.49 |
| <i>Net Due HMPL</i> | Total \$573,827.49 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
September 6, 2016

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------------|
| For Excess Henderson Energy from 08/01/2016 through 08/31/2016 | |
| Excess Energy mWhrs Purchased by BREC | 5,499 \$8,248.50 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 21,285 \$502,948.90 |
| Total Excess Henderson Energy | 26,784 \$511,197.40 |
| Net Due HMPL | Total \$511,197.40 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
October 10, 2016

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|----------------------------|
| For Excess Henderson Energy from 09/01/2016 through 09/30/2016 | |
| Excess Energy mWhrs Purchased by BREC | 3,875 \$5,812.50 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 26,510 \$629,953.55 |
| Total Excess Henderson Energy | 30,385 \$635,766.05 |
| Coal Inventory Shortfall for Excess Henderson Energy | (\$450,179.08) |
| Lime Inventory Shortfall for Excess Henderson Energy | (\$204,931.94) |
| Net Due HMPL | Total (\$19,344.97) |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
November 7, 2016

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------------|
| For Excess Henderson Energy from 10/01/2016 through 10/31/2016 | |
| Excess Energy mWhrs Purchased by BREC | 3,539 \$5,308.50 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 28,862 \$715,908.72 |
| Total Excess Henderson Energy | 32,401 \$721,217.22 |
| Coal Inventory Shortfall for Excess Henderson Energy | (\$578,704.66) |
| Lime Inventory Shortfall for Excess Henderson Energy | \$0.00 |
| Net Due HMPL | Total \$142,512.56 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
December 6, 2016

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------------|
| For Excess Henderson Energy from 11/01/2016 through 11/30/2016 | |
| Excess Energy mWhrs Purchased by BREC | 1,494 \$2,241.00 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 36,343 \$873,039.45 |
| Total Excess Henderson Energy | 37,837 \$875,280.45 |
| Coal Inventory Shortfall for Excess Henderson Energy | (\$673,132.63) |
| Lime Inventory Shortfall for Excess Henderson Energy | \$0.00 |
| Net Due HMPL | Total \$202,147.82 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
January 9, 2017

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------------|
| For Excess Henderson Energy from 12/01/2016 through 12/31/2016 | |
| Excess Energy mWhrs Purchased by BREC | 6,743 \$10,114.50 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 28,599 \$751,247.84 |
| Total Excess Henderson Energy | 35,342 \$761,362.34 |
| Coal Inventory Shortfall for Excess Henderson Energy | (\$617,768.69) |
| Lime Inventory Shortfall for Excess Henderson Energy | (\$21,096.76) |
| Net Due HMPL | Total \$122,496.89 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
February 8, 2017

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------|
| For Excess Henderson Energy from 01/01/2017 through 01/31/2017 | |
| Excess Energy mWhrs Purchased by BREC | 3,852 \$5,778.00 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 31,360 \$810,795.71 |
| Total Excess Henderson Energy | 35,212 \$816,573.71 |
| Coal Inventory Shortfall for Excess Henderson Energy | (\$695,136.39) |
| Lime Inventory Shortfall for Excess Henderson Energy | (\$93,582.32) |
| <i>Net Due HMPL</i> | Total \$27,855.00 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
March 6, 2017

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|---|---------------------------|
| For Excess Henderson Energy from 02/01/2017 through 02/28/2017 | |
| Excess Energy mWhrs Purchased by BREC 689 | \$1,033.50 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL 32,195 | \$764,586.58 |
| Total Excess Henderson Energy 32,884 | \$765,620.08 |
| Coal Inventory Shortfall for Excess Henderson Energy | (\$582,425.59) |
| Lime Inventory Shortfall for Excess Henderson Energy | (\$66,129.29) |
| Net Due HMPL | Total \$117,065.20 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
April 10, 2017

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|--------------------------|
| For Excess Henderson Energy from 03/01/2017 through 03/31/2017 | |
| Excess Energy mWhrs Purchased by BREC | 4,478 \$6,717.00 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 32,032 \$794,933.76 |
| Total Excess Henderson Energy | 36,510 \$801,650.76 |
| Coal Inventory Shortfall for Excess Henderson Energy | (\$668,993.43) |
| Lime Inventory Shortfall for Excess Henderson Energy | (\$55,162.60) |
| Net Due HMPL | Total \$77,494.73 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
May 5, 2017

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|-----------------------------|
| For Excess Henderson Energy from 04/01/2017 through 04/30/2017 | |
| Excess Energy mWhrs Purchased by BREC | 2,883 \$4,324.50 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 34,165 \$882,997.30 |
| Total Excess Henderson Energy | 37,048 \$887,321.80 |
| Coal Inventory Shortfall for Excess Henderson Energy | (\$905,876.66) |
| Lime Inventory Shortfall for Excess Henderson Energy | (\$90,345.07) |
| Net Due HMPL | Total (\$108,899.93) |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
June 5, 2017

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|-----------------------------|
| For Excess Henderson Energy from 05/01/2017 through 05/31/2017 | |
| Excess Energy mWhrs Purchased by BREC | 2,659 \$3,988.50 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 27,526 \$706,842.20 |
| Total Excess Henderson Energy | 30,185 \$710,830.70 |
| Coal Inventory Shortfall for Excess Henderson Energy | (\$1,293,115.02) |
| Lime Inventory Shortfall for Excess Henderson Energy | (\$60,991.92) |
| Net Due HMPL | Total (\$643,276.24) |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
July 7, 2017

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|-----------------------------|
| For Excess Henderson Energy from 06/01/2017 through 06/30/2017 | |
| Excess Energy mWhrs Purchased by BREC | 3,083 \$4,624.50 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 23,447 \$549,702.03 |
| Total Excess Henderson Energy | 26,530 \$554,326.53 |
| Coal Inventory Shortfall for Excess Henderson Energy | (\$1,055,407.65) |
| Lime Inventory Shortfall for Excess Henderson Energy | (\$64,309.36) |
| Net Due HMPL | Total (\$565,390.48) |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
August 4, 2017

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|-----------------------------|
| For Excess Henderson Energy from 07/01/2017 through 07/31/2017 | |
| Excess Energy mWhrs Purchased by BREC | 3,716 \$5,574.00 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 21,895 \$522,821.65 |
| Total Excess Henderson Energy | 25,611 \$528,395.65 |
| Coal Inventory Shortfall for Excess Henderson Energy | (\$1,180,960.14) |
| Lime Inventory Shortfall for Excess Henderson Energy | (\$78,339.35) |
| Net Due HMPL | Total (\$730,903.84) |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
September 7, 2017

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------------|
| For Excess Henderson Energy from 08/01/2017 through 08/31/2017 | |
| Excess Energy mWhrs Purchased by BREC | 2,237 \$3,355.50 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 26,335 \$621,472.29 |
| Total Excess Henderson Energy | 28,572 \$624,827.79 |
| Coal Inventory Shortfall for Excess Henderson Energy | (\$39,828.23) |
| Lime Inventory Shortfall for Excess Henderson Energy | (\$108,519.96) |
| Net Due HMPL | Total \$476,479.60 |

Payable by the 25th day of the month

Make all checks payable to Henderson Municipal Power & Light

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
October 6, 2017

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P. O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------------|
| For Excess Henderson Energy from 09/01/2017 through 09/30/2017 | |
| Excess Energy mWhrs Purchased by BREC | 3,744 \$5,616.00 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 15,309 \$398,093.11 |
| Total Excess Henderson Energy | 19,053 \$403,709.11 |
| Coal Inventory Shortfall for Excess Henderson Energy | \$0.00 |
| Lime Inventory Shortfall for Excess Henderson Energy | (\$72,333.71) |
| Net Due HMPL | Total \$331,375.40 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
November 7, 2017

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|--------------------------|
| For Excess Henderson Energy from 10/01/2017 through 10/31/2017 | |
| Excess Energy mWhrs Purchased by BREC | 1,573 \$2,359.50 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL | 3,074 \$87,771.13 |
| Total Excess Henderson Energy | 4,647 \$90,130.63 |
| Coal Inventory Shortfall for Excess Henderson Energy | \$0.00 |
| Lime Inventory Shortfall for Excess Henderson Energy | \$0.00 |
| Net Due HMPL | Total \$90,130.63 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
December 6, 2017

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------|
| For Excess Henderson Energy from 11/01/2017 through 11/30/2017 | |
| Excess Energy mWhrs Purchased by BREC 847 | \$1,270.50 |
| Net MISO Revenue from Excess Henderson Energy Retained by HMPL 4,003 | \$113,226.56 |
| Total Excess Henderson Energy 4,850 | \$114,497.06 |
| Coal Inventory Shortfall for Excess Henderson Energy | \$0.00 |
| Lime Inventory Shortfall for Excess Henderson Energy | \$0.00 |
| Net Due HMPL Total | \$114,497.06 |

Payable by the 25th day of the month

Make all checks payable to Henderson Municipal Power & Light

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
February 13, 2018

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|--------------|
| For Excess Henderson Energy from 01/01/2018 through 01/31/2018 | |
| Net MISO Revenue from Excess Henderson Energy 14,911 | \$593,291.62 |
| <i>Net Due HMPL</i> Total | \$593,291.62 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
March 8, 2018

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|--------------------|
| For Excess Henderson Energy from 02/01/2018 through 02/28/2018 | |
| Net MISO Revenue from Excess Henderson Energy | 3,029 \$121,385.86 |
| | |
| <i>Net Due HMPL</i> | Total \$121,385.86 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
April 6, 2018

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|--------------------------|
| For Excess Henderson Energy from 03/01/2018 through 03/31/2018 | |
| Net MISO Revenue from Excess Henderson Energy | 2,792 \$80,339.42 |
| | |
| Net Due HMPL | Total \$80,339.42 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
May 8, 2018

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------|
| For Excess Henderson Energy from 04/01/2018 through 04/30/2018 | |
| Net MISO Revenue from Excess Henderson Energy | 14,305 \$473,817.75 |
| | |
| <i>Net Due HMPL</i> | Total \$473,817.75 |

Payable by the 25th day of the month

Make all checks payable to Henderson Municipal Power & Light

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
June 8, 2018

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|--------------------|
| For Excess Henderson Energy from 05/01/2018 through 05/31/2018 | |
| Net MISO Revenue from Excess Henderson Energy | 9,615 \$346,157.76 |
| | |
| <i>Net Due HMPL</i> | Total \$346,157.76 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
July 10, 2018

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------------|
| For Excess Henderson Energy from 06/01/2018 through 06/30/2018 | |
| Net MISO Revenue from Excess Henderson Energy | 4,502 \$158,332.86 |
| | |
| Net Due HMPL | Total \$158,332.86 |

Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
August 9, 2018

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------------|
| For Excess Henderson Energy from 07/01/2018 through 07/31/2018 | |
| Net MISO Revenue from Excess Henderson Energy | 8,807 \$310,480.23 |
| | |
| Net Due HMPL | Total \$310,480.23 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
September 10, 2018

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------------|
| For Excess Henderson Energy from 08/01/2018 through 08/31/2018 | |
| Net MISO Revenue from Excess Henderson Energy | 13,849 \$473,636.33 |
| | |
| Net Due HMPL | Total \$473,636.33 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
October 9, 2018
REVISED

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|----------------------|
| For Excess Henderson Energy from 09/01/2018 through 09/30/2018 | |
| Net MISO Revenue from Excess Henderson Energy 11,968 | \$398,775.37 |
| Coal Inventory Shortfall for HMP&L Take | (\$463,548.59) |
| <i>Net Due HMPL</i> Total | <i>(\$64,773.22)</i> |

Payable by the 25th day of the month

Make all checks payable to Henderson Municipal Power & Light

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
November 8, 2018

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|-----------------------------|
| For Excess Henderson Energy from 10/01/2018 through 10/31/2018 | |
| Net MISO Revenue from Excess Henderson Energy 33,897 | \$1,152,587.55 |
| Coal Inventory Shortfall for HMP&L Take | (\$1,507,206.81) |
| Net Due HMPL | Total (\$354,619.26) |

Payable by the 25th day of the month

Make all checks payable to Henderson Municipal Power & Light

INVOICE

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
December 10, 2018

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|-----------------------------|
| For Excess Henderson Energy from 11/01/2018 through 11/30/2018 | |
| Net MISO Revenue from Excess Henderson Energy | 31,375 \$1,116,001.74 |
| Coal Inventory Shortfall for HMP&L Take | (\$1,355,302.55) |
| Net Due HMPL | Total (\$239,300.81) |

Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light

INVOICE

COPY

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
January 9, 2018

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|---------------------------|
| For Excess Henderson Energy from 12/01/2018 through 12/31/2018 | |
| Net MISO Revenue from Excess Henderson Energy 24,971 | \$886,738.70 |
| Coal Inventory Shortfall for HMP&L Take | (\$303,983.47) |
| Net Due HMPL | Total \$582,755.23 |

*Payable by the 25th day of the month
Make all checks payable to Henderson Municipal Power & Light*

INVOICE

CCBY

Henderson Municipal Power & Light
100 Fifth Street
PO BOX 8
Henderson, KY 42420
February 8, 2019

Bill To:

BIG RIVERS ELECTRIC CORPORATION
201 Third Street
P.O. Box 24
Henderson, KY 42419-0024

Attn: Accounts Payable

| DESCRIPTION | AMOUNT |
|--|--------------------|
| For Excess Henderson Energy from 01/01/2019 through 01/31/2019 | |
| Net MISO Revenue from Excess Henderson Energy 5,373 | \$147,894.04 |
| Coal Inventory Shortfall for HMP&L Take | (\$56,814.45) |
| Net Due HMPL Total | \$91,079.59 |

Payable by the 25th day of the month

Make all checks payable to Henderson Municipal Power & Light



Big Rivers Electric Corporation
P.O. Box 24
201 Third Street
Henderson, KY 42419-0024
Attn: Katie Risley
Ph (270) 827-2561 Fax (270) 827-2558

Invoice No. 00861

| | | | |
|---------|-----------------------------------|-----------|-----------|
| Name | Henderson Municipal Power & Light | Date | 2/12/2019 |
| Address | P.O. Box 8 | Order No. | |
| City | Henderson State KY ZIP 42420 | Rep | |

| Units | Description | Rate | Total |
|--------|---|-----------|--------------|
| 7,075 | June 2016 HMP&L EHE Fuel Oil Usage | \$ 1.3341 | \$ 9,438.84 |
| 2,431 | July 2016 HMP&L EHE Fuel Oil Usage | \$ 1.3460 | \$ 3,272.42 |
| 8,718 | August 2016 HMP&L EHE Fuel Oil Usage | \$ 1.4013 | \$ 12,217.20 |
| 2,342 | September 2016 HMP&L EHE Fuel Oil Usage | \$ 1.4279 | \$ 3,344.19 |
| 11,007 | October 2016 HMP&L EHE Fuel Oil Usage | \$ 1.4435 | \$ 15,887.20 |
| 1,798 | November 2016 HMP&L EHE Fuel Oil Usage | \$ 1.4587 | \$ 2,622.63 |
| 1,955 | December 2016 HMP&L EHE Fuel Oil Usage | \$ 1.4501 | \$ 2,854.61 |
| 4,007 | January 2017 HMP&L EHE Fuel Oil Usage | \$ 1.5226 | \$ 6,100.57 |
| 9,035 | February 2017 HMP&L EHE Fuel Oil Usage | \$ 1.5342 | \$ 13,861.54 |
| 14,239 | March 2017 HMP&L EHE Fuel Oil Usage | \$ 1.5711 | \$ 22,370.88 |
| 5,600 | April 2017 HMP&L EHE Fuel Oil Usage | \$ 1.5774 | \$ 8,833.65 |
| 10,115 | May 2017 HMP&L EHE Fuel Oil Usage | \$ 1.5761 | \$ 15,941.10 |
| 9,562 | June 2017 HMP&L EHE Fuel Oil Usage | \$ 1.5837 | \$ 14,952.79 |
| 7,872 | July 2017 HMP&L EHE Fuel Oil Usage | \$ 1.5602 | \$ 11,968.79 |
| 15,043 | August 2017 HMP&L EHE Fuel Oil Usage | \$ 1.5857 | \$ 23,855.08 |
| 8,081 | September 2017 HMP&L EHE Fuel Oil Usage | \$ 1.5915 | \$ 12,862.18 |
| 1,360 | October 2017 HMP&L EHE Fuel Oil Usage | \$ 1.6483 | \$ 2,241.40 |
| 9,125 | November 2017 HMP&L EHE Fuel Oil Usage | \$ 1.7320 | \$ 15,803.32 |
| 28,980 | January 2018 HMP&L EHE Fuel Oil Usage | \$ 1.9182 | \$ 55,593.01 |
| 4,452 | February 2018 HMP&L EHE Fuel Oil Usage | \$ 1.9581 | \$ 8,708.03 |
| 13,455 | March 2018 HMP&L EHE Fuel Oil Usage | \$ 1.9850 | \$ 26,706.43 |
| 10,430 | April 2018 HMP&L EHE Fuel Oil Usage | \$ 1.9953 | \$ 20,811.32 |
| 12,371 | May 2018 HMP&L EHE Fuel Oil Usage | \$ 2.1030 | \$ 26,017.24 |
| 5,475 | June 2018 HMP&L EHE Fuel Oil Usage | \$ 2.1211 | \$ 11,613.33 |
| 11,957 | July 2018 HMP&L EHE Fuel Oil Usage | \$ 2.1514 | \$ 25,722.75 |
| 15,105 | August 2018 HMP&L EHE Fuel Oil Usage | \$ 2.1699 | \$ 32,775.94 |
| 10,749 | September 2018 HMP&L EHE Fuel Oil Usage | \$ 2.2000 | \$ 23,648.49 |
| 16,671 | October 2018 HMP&L EHE Fuel Oil Usage | \$ 2.2883 | \$ 38,148.07 |

If you have any questions regarding this billing, please contact Katie Risley at 270-844-6160.

Due upon receipt of invoice.

| | |
|--------------|---------------------|
| SubTotal | \$ 468,174.70 |
| TOTAL | \$468,174.70 |



Big Rivers Electric Corporation
 P.O. Box 24
 201 Third Street
 Henderson, KY 42419-0024
 Attn: Julie Gabhart
 Ph (270) 827-2561 Fax (270) 827-2558

Invoice No. 00780

| | | | |
|---------|-----------------------------------|-----------|-----------|
| Name | Henderson Municipal Power & Light | Date | 12/7/2018 |
| Address | P.O. Box 6 | Order No. | |
| City | Henderson State KY ZIP 42420 | Rep | |

| Units | Description | Rate | Total | | | | | | | | | | | | | | | |
|--------------|---|---------------|--------------|-----------|------|------------------|--------|-------------|------------------|--------|----------|------------------|--------|--------------|---------------------------|---------------|--|--|
| | HMP&L's percentage of Station II fuel oil Month: November-18 | | | | | | | | | | | | | | | | | |
| 12,902 | Fuel Oil for Excess Energy | \$2.28 | \$ 29,357.32 | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Generation</th> <th>%</th> <th>Oil (Gal)</th> </tr> </thead> <tbody> <tr> <td>BREC</td> <td>42,732,370 38.3%</td> <td>17,693</td> </tr> <tr> <td>City-Native</td> <td>37,546,000 33.6%</td> <td>15,439</td> </tr> <tr> <td>City-EHE</td> <td>31,375,000 28.1%</td> <td>12,902</td> </tr> <tr> <td>Total</td> <td>111,653,370 100.0%</td> <td>45,934</td> </tr> </tbody> </table> | Generation | % | Oil (Gal) | BREC | 42,732,370 38.3% | 17,693 | City-Native | 37,546,000 33.6% | 15,439 | City-EHE | 31,375,000 28.1% | 12,902 | Total | 111,653,370 100.0% | 45,934 | | |
| Generation | % | Oil (Gal) | | | | | | | | | | | | | | | | |
| BREC | 42,732,370 38.3% | 17,693 | | | | | | | | | | | | | | | | |
| City-Native | 37,546,000 33.6% | 15,439 | | | | | | | | | | | | | | | | |
| City-EHE | 31,375,000 28.1% | 12,902 | | | | | | | | | | | | | | | | |
| Total | 111,653,370 100.0% | 45,934 | | | | | | | | | | | | | | | | |
| | If you have any questions regarding this billing, please contact Katie Risley at 270-844-6160. | | | | | | | | | | | | | | | | | |
| | 5045-01-555 | | | | | | | | | | | | | | | | | |

Due 30 days upon receipt of invoice.

| | |
|--------------|--------------------|
| SubTotal | \$29,357.32 |
| TOTAL | \$29,357.32 |



Big Rivers Electric Corporation
 P.O. Box 24
 201 Third Street
 Henderson, KY 42419-0024
 Attn: Julie Gabhart
 Ph (270) 827-2561 Fax (270) 827-2558

Invoice No. 00825

| | | | | | |
|---------|-----------------------------------|-------|----|-----------|----------|
| Name | Henderson Municipal Power & Light | | | Date | 2/5/2019 |
| Address | P.O. Box 8 | | | Order No. | |
| City | Henderson | State | KY | ZIP | 42420 |
| Rep | | | | | |

| Units | Description | Rate | Total | | | | | | | | | | | | | | | | | | | |
|--------------|---|---------------|---------------|-----------|------|---------|------|-----|-------------|------------|-------|--------|----------|-----------|-------|--------|--------------|-------------------|---------------|---------------|--|--|
| | HMP&L's percentage of Station II fuel oil Month: January-19 | | | | | | | | | | | | | | | | | | | | | |
| 18,789 | Fuel Oil for Excess Energy | \$2.14 | \$ 40,122.17 | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Generation</th> <th>%</th> <th>Oil (Gal)</th> </tr> </thead> <tbody> <tr> <td>BREC</td> <td>225,380</td> <td>1.4%</td> <td>771</td> </tr> <tr> <td>City-Native</td> <td>10,161,000</td> <td>64.5%</td> <td>35,533</td> </tr> <tr> <td>City-EHE</td> <td>5,373,000</td> <td>34.1%</td> <td>18,789</td> </tr> <tr> <td>Total</td> <td>15,759,380</td> <td>100.0%</td> <td>55,093</td> </tr> </tbody> </table> | Generation | % | Oil (Gal) | BREC | 225,380 | 1.4% | 771 | City-Native | 10,161,000 | 64.5% | 35,533 | City-EHE | 5,373,000 | 34.1% | 18,789 | Total | 15,759,380 | 100.0% | 55,093 | | |
| Generation | % | Oil (Gal) | | | | | | | | | | | | | | | | | | | | |
| BREC | 225,380 | 1.4% | 771 | | | | | | | | | | | | | | | | | | | |
| City-Native | 10,161,000 | 64.5% | 35,533 | | | | | | | | | | | | | | | | | | | |
| City-EHE | 5,373,000 | 34.1% | 18,789 | | | | | | | | | | | | | | | | | | | |
| Total | 15,759,380 | 100.0% | 55,093 | | | | | | | | | | | | | | | | | | | |
| | If you have any questions regarding this billing, please contact Katie Risley at 270-844-6160. | | | | | | | | | | | | | | | | | | | | | |

Due 30 days upon receipt of invoice.

| | |
|--------------|--------------------|
| SubTotal | \$40,122.17 |
| TOTAL | \$40,122.17 |



Big Rivers Electric Corporation
P.O. Box 24
201 Third Street
Henderson, KY 42419-0024
Attn: Julia Gabhart
Ph (270) 827-2561 Fax (270) 827-2558

Invoice No. 00789

| | | | |
|---------|-----------------------------------|-----------|----------|
| Name | Henderson Municipal Power & Light | Date | 1/3/2019 |
| Address | P.O. Box 8 | Order No. | |
| City | Henderson State KY ZIP 42420 | Rep | |

| Units | Description | Rate | Total | | | | | | | | | | | | | | | | | | | |
|--------------|---|---------------|---------------|-----------|------|------------|-------|--------|-------------|------------|-------|--------|----------|------------|-------|--------|--------------|-------------------|---------------|---------------|--|--|
| | HMP&L's percentage of Station II fuel oil Month: December-18 | | | | | | | | | | | | | | | | | | | | | |
| 14,598 | Fuel Oil for Excess Energy | \$2.19 | \$ 31,904.57 | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Generation</th> <th>%</th> <th>Oil (Gal)</th> </tr> </thead> <tbody> <tr> <td>BREC</td> <td>42,969,770</td> <td>49.3%</td> <td>25,138</td> </tr> <tr> <td>City-Nalive</td> <td>31,338,000</td> <td>31.6%</td> <td>18,320</td> </tr> <tr> <td>City-EHE</td> <td>24,971,000</td> <td>25.1%</td> <td>14,598</td> </tr> <tr> <td>Total</td> <td>99,278,770</td> <td>100.0%</td> <td>58,056</td> </tr> </tbody> </table> | Generation | % | Oil (Gal) | BREC | 42,969,770 | 49.3% | 25,138 | City-Nalive | 31,338,000 | 31.6% | 18,320 | City-EHE | 24,971,000 | 25.1% | 14,598 | Total | 99,278,770 | 100.0% | 58,056 | | |
| Generation | % | Oil (Gal) | | | | | | | | | | | | | | | | | | | | |
| BREC | 42,969,770 | 49.3% | 25,138 | | | | | | | | | | | | | | | | | | | |
| City-Nalive | 31,338,000 | 31.6% | 18,320 | | | | | | | | | | | | | | | | | | | |
| City-EHE | 24,971,000 | 25.1% | 14,598 | | | | | | | | | | | | | | | | | | | |
| Total | 99,278,770 | 100.0% | 58,056 | | | | | | | | | | | | | | | | | | | |
| | If you have any questions regarding this billing, please contact Katie Risley at 270-844-6160. | | | | | | | | | | | | | | | | | | | | | |

Due 30 days upon receipt of invoice.

| | |
|--------------|--------------------|
| SubTotal | \$31,904.57 |
| TOTAL | \$31,904.57 |

Invoice

**Bill to:**

Henderson Municipal Power and Light
Mr. Ken Brooks
P O Box 8
Henderson KY 42419-0008

Invoice # 417
Invoice Date February 13, 2018

| Description | Coal Tons | Rate (\$/Ton) | Total |
|-----------------------------|-----------|--------------------|----------------------|
| Low Chlorine Coal Shortfall | | | |
| HMPL Load | 5,404.30 | \$50.55 | \$ 273,213.12 |
| Excess Henderson Energy | 4,213.71 | \$50.55 | \$ 213,023.13 |
| | | | |
| | | | |
| | | Balance Due | \$ 486,236.25 |

'Terms: Due and Payable upon Receipt

Past Due Penalty: Interest on unpaid amounts shall accrue at a rate of four percentage points over the then-effective prime commercial rate per annum published in the Money Rates section of *The Wall Street Journal* commencing on the first working day after the due date.

Wire transfer payment of invoice to the following account:

Old National Bank
Henderson, Kentucky
ABA # 086300012
Credit Big Rivers General Fund
Account # 10585559

Big Rivers Electric Corporation
P.O. Box 24
Henderson, KY 42419-0024
Phone: (270) 844-6156
Fax: (270) 827-2101
Website: www.bigrivers.com

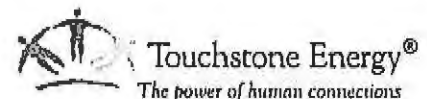


EXHIBIT A

Big Rivers Electric Corporation

Summary of Revenue & Costs associated with Excess Henderson Energy*

June 2016 - January 2019

| <u>HMPL Coal When Available</u> | |
|--|--------------------------|
| Revenues: | |
| MISO Rev for Unwanted EHE | \$16,955,597.28 |
| BREC EHE Utilization (\$1.50/MWh) | \$88,191.00 |
| Subtotal EHE MISO Revenue | \$17,043,788.28 |
| Costs: | |
| Coal Shortfall | (\$12,790,320.29) |
| Lime Shortfall | (\$915,742.28) |
| Fuel Oil | (\$1,489,602.65) |
| 2016 Coal Stock Pile Inventory Adj | (\$430,182.79) |
| 2018 Coal Stock Pile Inventory Adj | (\$124,300.00) |
| 2019 Coal Stock Pile Inventory Adj | (\$52,525.00) |
| 2019 Coal Stock Pile Inventory Survey Cost | (\$7,531.50) |
| Subtotal Costs | (\$15,810,204.51) |
| Net due HMPL | \$1,233,583.77 |

| <u>BREC Supplies All Coal</u> | |
|--|--------------------------|
| Revenues: | |
| MISO Rev for Unwanted EHE | \$16,955,597.28 |
| BREC EHE Utilization (\$1.50/MWh) | \$88,191.00 |
| Subtotal EHE MISO Revenue | \$17,043,788.28 |
| Costs: | |
| Coal Burn - EHE | (\$15,616,275.80) |
| Lime Burn - EHE | (\$2,163,773.85) |
| Fuel Oil (Unwanted EHE Only) | (\$569,558.76) |
| Fuel Oil (HMPL Load) | (\$920,043.89) |
| 2019 Coal Stock Pile Inventory Survey Cost | (\$7,531.50) |
| Subtotal Costs | (\$19,277,183.80) |
| Net due BREC | (\$2,233,395.52) |

HMPL Share

Station II Coal Inventory Tons as of 03/31/19
 Station II Lime Inventory Tons as of 03/31/19

-
481.00

HMPL Share

Station II Coal Inventory Tons as of 03/31/19
 Station II Lime Inventory Tons as of 03/31/19

48,278.42
10,147.00

Note:

* This summary excludes some expenses (Fixation Lime, Dredge, Sludge, Grit, etc) associated with Excess Henderson Energy which are part of the fiscal year end settlement process. Additionally, this summary excludes other costs including, but not limited to, capacity purchases (\$203,655.82), transmission charges (\$1,422,761.54) and auxiliary power.

Exhibit D

May 10, 2018

Mr. Paul Smith
Big Rivers Electric Corporation
PO Box 24
Henderson, KY 42420

RE: City of Henderson Utility Commission
Henderson Municipal Power & Light – Power Station Two
Capacity Reservations and Allocations

Dear Mr. Smith:

In accordance with Section 3.3 of the Power Sales Contract, HMP&L hereby reserves capacity from Station Two and allocates the remaining surplus capacity to Big Rivers Electric Corporation for the following periods:

| <u>CONTRACT YEAR</u> | <u>RESERVED TO HMP&L</u> | <u>ALLOCATED TO BREC</u> | <u>NET RATED TOTAL CAPACITY</u> |
|-----------------------------|--------------------------------------|----------------------------------|---|
| June 1, 2018 – May 31, 2019 | 115 MW | 197 MW | 312 MW |
| June 1, 2019 – May 31, 2020 | 110 MW | 202 MW | 312 MW |
| June 1, 2020 – May 31, 2021 | 110 MW | 202 MW | 312 MW |
| June 1, 2021 – May 31, 2022 | 110 MW | 202 MW | 312 MW |
| June 1, 2022 – May 31, 2023 | 110 MW | 202 MW | 312 MW |

The above reservations and allocations of capacity are made on the basis of Station Two net rated capacity being 312 MW. However, HMP&L is concerned that the Station Two capacity of 312 MW shown above may not be correct. Therefore, as provided in the Power Sales Contract, in the near future HMP&L may request capacity tests on both units at Henderson Station Two. If you have any questions, please let me know.

Sincerely,

Chris Heimgartner
General Manager

Cc: Ken Brooks