

1 _____ **²⁹ I have reviewed the Company’s
2 modeling input files as provided to the parties in discovery,³⁰ and I have found ** _____
3 _____ **. However, I am not privy to all aspects of the Company’s modeling process.)

4 **Q. WHAT WAS THE CALCULATED IMPACT OF REMOVING MERAMEC FROM “MUST-RUN”**
5 **STATUS IN THE PROSYM MODEL?**

6 A. As reported by Ameren, removing the must-run designation from Meramec in the PROSYM model for the
7 test-year period (April 2013 through March 2014) resulted in a reduction of output of ** _____
8 _____ ** and reduced fuel costs of ** _____ **, offset by reduced off-system sales revenue of
9 ** _____ **, resulting in net benefit of ** _____ **. ~~31 However, based on the model output
10 files provided by the Company,³² I calculate that the avoided fuel cost would be ** _____ **;
11 avoided operations and maintenance (O&M) costs, which were not reported by Ameren, total ** _____
12 _____ **; and the decrease in off-system sales totals ** _____ **; for a net ratepayer benefit of
13 ** _____ **. ~~33 Much of the benefit not reported by Ameren stems from avoided O&M costs, and I
14 do not know the source of the remaining discrepancy between the model files provided by the Company
15 and the claimed impact of removing the Meramec must-run status on costs and revenues.~~~~

16 Based on the model output files provided by the Company,³⁴ I calculated independently that the
17 avoided fuel cost would be ** _____ **, as claimed by Ameren; in addition, avoided operations and

18 _____
19 ²⁹ Response to MPSC Data Request 0079, ¶4ii.

20 ³⁰ Response to Sierra Club Data Request 008; Response to MIEC Data Request 1.11.

21 ³¹ Response to Sierra Club Data Request 008, ¶c.

22 ~~³² I refer specifically to the monthly output files provided by the Company in response to Sierra Club Data
23 Request 008. Monthly output with Meramec set to must-run was provided in the file “SC_1-
24 SC_008_S_Bector-Att-SC008 - MPSC2014PolarVMerMRws - HC.pdf”, and output with Meramec set
25 as dispatchable was provided in the file “SC_1-SC_008_S_Bector-Att-SC008 -
MPSC2014PolarVSx90ws - HC.pdf”.~~

~~³³ The details of these calculations are reflected in my workpapers.~~

³⁴ I refer specifically to the monthly output files provided by the Company in response to Sierra Club Data
Request 008. Monthly output with Meramec set to must-run was provided in the file “SC_1-
SC_008_S_Bector-Att-SC008 - MPSC2014PolarVMerMRws - HC.pdf”, and output with Meramec set
as dispatchable was provided in the file “SC_1-SC_008_S_Bector-Att-SC008 -
MPSC2014PolarVSx90ws - HC.pdf”.

1 maintenance (O&M) costs, which were not reported by Ameren, total ** ____ **. I find that the
2 decrease in off-system sales totals ** ____ **, for a net ratepayer benefit of ** ____ **. ³⁵
3 The primary source of the discrepancy is Ameren's failure to consider avoided O&M costs. I do not know
4 the source of the discrepancy in net off-system sales revenues between the model files provided by the
5 Company and the claimed impact of removing the Meramec must-run status.

6 On the cost side, in addition to the loss of off-system sales revenue included in the above
7 calculation, there may be some additional operational costs that are not captured by the model, such as
8 increased wear on the units leading to more frequent shutdowns. However, the Company has not
9 quantified such costs to my knowledge, and I have no independent way of estimating them.

10 Q. WHAT WOULD BE THE IMPACT OF ** ____
11 **?

12 A. ** ____
13 ____
14 ____
15 ____
16 ____

17 ____ ³⁶ Ameren has not performed this analysis, ³⁶ so the magnitude of the potential
18 savings is unknown.

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23 ³⁵ The details of these calculations are reflected in my workpapers.

24 ³⁶ Response to MPSC Data Request 0079, ¶3: ** ____ **
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