

FILED²

JUL 8 2019

Missouri Public
Service Commission



Liberty Utilities®
EMPIRE DISTRICT

The Empire District Electric Company
a Liberty Utilities Company

Case No. AO-2018-0179

OPC Data Request – 1095

Page 1 of 1

Data Request Received: 05/22/19
Request No. 1095

Date of Response: June 10, 2019
Respondent: Mark Timpe

REQUEST:

Regarding the response to Staff Data Request number 0006, please update the information through the most recent period. Please identify the peak daily amount borrowed in January 2017 and any peak daily borrowing amount with related date that exceeds the January 2017 peak daily borrowing amount.

RESPONSE:

This response is provided subject to and without waiving the objections served on May 25, 2019.

Staff Data Request 0006 has been updated with the supporting data now provided in a spreadsheet related to this DR. The peak borrowing amount in January 2017 was \$46.75 million on the dates of January 13th through January 16th; this borrowing level has not been exceeded since then.

OPC Exhibit No. 17
Date 6/27/19 Reporter 88
File No. AO-2018-0179

Average Cost of Short-term Debt for The Empire District Electric Company for January 1,
2017 forward

	Average Balance	Interest Expense	Average Rate
Jan-17	39,290,323	35,332	1.06%
Feb-17	32,410,714	25,402	1.02%
Mar-17	15,774,194	14,427	1.08%
Apr-17	5,760,000	5,740	1.21%
May-17	3,383,871	3,466	1.21%
Jun-17	14,091,667	15,467	1.34%
Jul-17	8,975,806	11,133	1.46%
Aug-17	580,645	710	1.44%
Sep-17	-	-	0.00%
Oct-17	548,387	661	1.42%
Nov-17	858,333	995	1.41%
Dec-17	1,087,903	1,521	1.65%
Jan-18	18,800,806	30,212	1.89%
Feb-18	14,830,357	21,443	1.88%
Mar-18	9,379,032	15,917	2.00%
Apr-18	2,666,687	5,052	2.30%
May-18	5,161,290	9,878	2.25%
Jun-18	6,700,000	12,459	2.26%
Jul-18	4,000,000	7,842	2.31%
Aug-18	1,096,774	2,131	2.29%
Sep-18	-	-	0.00%
Oct-18	-	-	0.00%
Nov-18	-	-	0.00%
Dec-18	1,193,458	2,914	2.87%
Jan-19	13,362,903	32,366	2.85%
Feb-19	9,196,429	19,846	2.81%
Mar-19	830,645	1,947	2.76%
Apr-19	-	-	0.00%
May-19	1838710	4266.11	2.73%

LUCo Line of Credit Usage

	ABR	Libor	Total Line of Credit Outstanding	Usage Change
02/24/18	20,000,000	42,000,000	62,000,000	0
02/25/18	20,000,000	42,000,000	62,000,000	-
02/26/18	20,000,000	42,000,000	62,000,000	-
02/27/18	20,000,000	42,000,000	62,000,000	-
02/28/18	20,000,000	42,000,000	62,000,000	-
03/01/18	-	62,000,000	62,000,000	-
03/02/18	-	62,000,000	62,000,000	-
03/03/18	-	62,000,000	62,000,000	-
03/04/18	-	62,000,000	62,000,000	-
03/05/18	-	62,000,000	62,000,000	-
03/06/18	-	62,000,000	62,000,000	-
03/07/18	-	62,000,000	62,000,000	-
03/08/18	-	62,000,000	62,000,000	-
03/09/18	-	62,000,000	62,000,000	-
03/10/18	-	62,000,000	62,000,000	-
03/11/18	-	62,000,000	62,000,000	-
03/12/18	-	62,000,000	62,000,000	-
03/13/18	-	62,000,000	62,000,000	-
03/14/18	-	62,000,000	62,000,000	-
03/15/18	-	62,000,000	62,000,000	-
03/16/18	-	62,000,000	62,000,000	-
03/17/18	-	62,000,000	62,000,000	-
03/18/18	-	62,000,000	62,000,000	-
03/19/18	-	62,000,000	62,000,000	-
03/20/18	-	62,000,000	62,000,000	-
03/21/18	-	62,000,000	62,000,000	-
03/22/18	-	62,000,000	62,000,000	-
03/23/18	-	42,000,000	42,000,000	(20,000,000)
03/24/18	-	42,000,000	42,000,000	-
03/25/18	-	42,000,000	42,000,000	-
03/26/18	-	42,000,000	42,000,000	-
03/27/18	-	42,000,000	42,000,000	-
03/28/18	-	42,000,000	42,000,000	-
03/29/18	33,000,000	-	33,000,000	(9,000,000)
03/30/18	31,500,000	-	31,500,000	(1,500,000)
03/31/18	31,500,000	-	31,500,000	-
04/01/18	31,500,000	-	31,500,000	-
04/02/18	43,500,000	-	43,500,000	12,000,000
04/03/18	43,500,000	-	43,500,000	-
04/04/18	43,500,000	-	43,500,000	-
04/05/18	12,000,000	31,500,000	43,500,000	-
04/06/18	12,000,000	31,500,000	43,500,000	-
04/07/18	12,000,000	31,500,000	43,500,000	-
04/08/18	12,000,000	31,500,000	43,500,000	-
04/09/18	12,000,000	31,500,000	43,500,000	-
04/10/18	12,000,000	31,500,000	43,500,000	-
04/11/18	12,000,000	31,500,000	43,500,000	-

04/12/18	12,000,000	31,500,000	43,500,000	-
04/13/18	12,000,000	31,500,000	43,500,000	-
04/14/18	12,000,000	31,500,000	43,500,000	-
04/15/18	12,000,000	31,500,000	43,500,000	-
04/16/18	12,000,000	31,500,000	43,500,000	-
04/17/18	12,000,000	31,500,000	43,500,000	-
04/18/18	12,000,000	31,500,000	43,500,000	-
04/19/18	12,000,000	31,500,000	43,500,000	-
04/20/18	12,000,000	31,500,000	43,500,000	-
04/21/18	12,000,000	31,500,000	43,500,000	-
04/22/18	12,000,000	31,500,000	43,500,000	-
04/23/18	12,000,000	31,500,000	43,500,000	-
04/24/18	12,000,000	-	12,000,000	(31,500,000)
04/25/18	12,000,000	-	12,000,000	-
04/26/18	12,000,000	-	12,000,000	-
04/27/18	12,000,000	-	12,000,000	-
04/28/18	12,000,000	-	12,000,000	-
04/29/18	12,000,000	-	12,000,000	-
04/30/18	12,000,000	-	12,000,000	-
05/01/18	12,000,000	-	12,000,000	-
05/02/18	8,000,000	-	8,000,000	(4,000,000)
05/03/18	6,000,000	-	6,000,000	(2,000,000)
05/04/18	3,000,000	-	3,000,000	(3,000,000)
05/05/18	3,000,000	-	3,000,000	-
05/06/18	3,000,000	-	3,000,000	-
05/07/18	3,000,000	-	3,000,000	-
05/08/18	1,000,000	-	1,000,000	(2,000,000)
05/09/18	-	-	-	(1,000,000)
05/10/18	-	-	-	-
05/11/18	-	-	-	-
05/12/18	-	-	-	-
05/13/18	-	-	-	-
05/14/18	-	-	-	-
05/15/18	-	-	-	-
05/16/18	-	-	-	-
05/17/18	-	-	-	-
05/18/18	-	-	-	-
05/19/18	-	-	-	-
05/20/18	-	-	-	-
05/21/18	-	-	-	-
05/22/18	-	-	-	-
05/23/18	-	-	-	-
05/24/18	-	-	-	-
05/25/18	-	-	-	-
05/26/18	-	-	-	-
05/27/18	-	-	-	-
05/28/18	-	-	-	-
05/29/18	-	-	-	-
05/30/18	-	-	-	-
05/31/18	-	90,000,000	90,000,000	90,000,000
06/01/18	-	90,000,000	90,000,000	-
06/02/18	-	90,000,000	90,000,000	-
06/03/18	-	90,000,000	90,000,000	-
06/04/18	-	90,000,000	90,000,000	-
06/05/18	-	90,000,000	90,000,000	-

Empire \$90M FMB retirement at

06/06/18	-	90,000,000	90,000,000	-
06/07/18	-	90,000,000	90,000,000	-
06/08/18	-	90,000,000	90,000,000	-
06/09/18	-	90,000,000	90,000,000	-
06/10/18	-	90,000,000	90,000,000	-
06/11/18	-	90,000,000	90,000,000	-
06/12/18	-	90,000,000	90,000,000	-
06/13/18	-	90,000,000	90,000,000	-
06/14/18	-	90,000,000	90,000,000	-
06/15/18	-	90,000,000	90,000,000	-
06/16/18	-	90,000,000	90,000,000	-
06/17/18	-	90,000,000	90,000,000	-
06/18/18	-	90,000,000	90,000,000	-
06/19/18	-	90,000,000	90,000,000	-
06/20/18	-	90,000,000	90,000,000	-
06/21/18	-	90,000,000	90,000,000	-
06/22/18	-	90,000,000	90,000,000	-
06/23/18	-	90,000,000	90,000,000	-
06/24/18	-	90,000,000	90,000,000	-
06/25/18	-	90,000,000	90,000,000	-
06/26/18	-	90,000,000	90,000,000	-
06/27/18	-	90,000,000	90,000,000	-
06/28/18	-	90,000,000	90,000,000	-
06/29/18	82,000,000	-	82,000,000	(8,000,000)
06/30/18	82,000,000	-	82,000,000	-
07/01/18	82,000,000	-	82,000,000	-
07/02/18	7,000,000	80,000,000	87,000,000	5,000,000
07/03/18	19,000,000	80,000,000	99,000,000	12,000,000
07/04/18	19,000,000	80,000,000	99,000,000	-
07/05/18	19,000,000	80,000,000	99,000,000	-
07/06/18	19,000,000	80,000,000	99,000,000	-
07/07/18	19,000,000	80,000,000	99,000,000	-
07/08/18	19,000,000	80,000,000	99,000,000	-
07/09/18	7,000,000	92,000,000	99,000,000	-
07/10/18	7,000,000	92,000,000	99,000,000	-
07/11/18	7,000,000	92,000,000	99,000,000	-
07/12/18	7,000,000	92,000,000	99,000,000	-
07/13/18	7,000,000	92,000,000	99,000,000	-
07/14/18	7,000,000	92,000,000	99,000,000	-
07/15/18	7,000,000	92,000,000	99,000,000	-
07/16/18	-	92,000,000	92,000,000	(7,000,000)
07/17/18	-	92,000,000	92,000,000	-
07/18/18	-	92,000,000	92,000,000	-
07/19/18	-	92,000,000	92,000,000	-
07/20/18	-	92,000,000	92,000,000	-
07/21/18	-	92,000,000	92,000,000	-
07/22/18	-	92,000,000	92,000,000	-
07/23/18	-	92,000,000	92,000,000	-
07/24/18	-	92,000,000	92,000,000	-
07/25/18	-	92,000,000	92,000,000	-
07/26/18	-	106,000,000	106,000,000	14,000,000
07/27/18	1,000,000	106,000,000	107,000,000	1,000,000
07/28/18	1,000,000	106,000,000	107,000,000	-
07/29/18	1,000,000	106,000,000	107,000,000	-
07/30/18	-	106,000,000	106,000,000	(1,000,000)

07/31/18	-	106,000,000	106,000,000	-
08/01/18	-	106,000,000	106,000,000	-
08/02/18	-	106,000,000	106,000,000	-
08/03/18	-	106,000,000	106,000,000	-
08/04/18	-	106,000,000	106,000,000	-
08/05/18	-	106,000,000	106,000,000	-
08/06/18	-	106,000,000	106,000,000	-
08/07/18	-	106,000,000	106,000,000	-
08/08/18	-	106,000,000	106,000,000	-
08/09/18	-	106,000,000	106,000,000	-
08/10/18	-	106,000,000	106,000,000	-
08/11/18	-	106,000,000	106,000,000	-
08/12/18	-	106,000,000	106,000,000	-
08/13/18	-	106,000,000	106,000,000	-
08/14/18	-	106,000,000	106,000,000	-
08/15/18	-	106,000,000	106,000,000	-
08/16/18	2,000,000	106,000,000	108,000,000	2,000,000
08/17/18	-	106,000,000	106,000,000	(2,000,000)
08/18/18	-	106,000,000	106,000,000	-
08/19/18	-	106,000,000	106,000,000	-
08/20/18	2,000,000	106,000,000	108,000,000	2,000,000
08/21/18	2,000,000	106,000,000	108,000,000	-
08/22/18	2,000,000	106,000,000	108,000,000	-
08/23/18	-	108,000,000	108,000,000	-
08/24/18	1,500,000	108,000,000	109,500,000	1,500,000
08/25/18	1,500,000	108,000,000	109,500,000	-
08/26/18	1,500,000	108,000,000	109,500,000	-
08/27/18	3,500,000	108,000,000	111,500,000	2,000,000
08/28/18	3,500,000	108,000,000	111,500,000	-
08/29/18	3,500,000	108,000,000	111,500,000	-
08/30/18	-	111,500,000	111,500,000	-
08/31/18	-	111,500,000	111,500,000	-
09/01/18	-	111,500,000	111,500,000	-
09/02/18	-	111,500,000	111,500,000	-
09/03/18	-	111,500,000	111,500,000	-
09/04/18	3,500,000	111,500,000	115,000,000	3,500,000
09/05/18	3,500,000	111,500,000	115,000,000	-
09/06/18	3,500,000	111,500,000	115,000,000	-
09/07/18	-	115,000,000	115,000,000	-
09/08/18	-	115,000,000	115,000,000	-
09/09/18	-	115,000,000	115,000,000	-
09/10/18	-	115,000,000	115,000,000	-
09/11/18	-	115,000,000	115,000,000	-
09/12/18	-	115,000,000	115,000,000	-
09/13/18	-	115,000,000	115,000,000	-
09/14/18	-	115,000,000	115,000,000	-
09/15/18	-	115,000,000	115,000,000	-
09/16/18	-	115,000,000	115,000,000	-
09/17/18	-	115,000,000	115,000,000	-
09/18/18	-	115,000,000	115,000,000	-
09/19/18	-	115,000,000	115,000,000	-
09/20/18	-	115,000,000	115,000,000	-
09/21/18	-	115,000,000	115,000,000	-
09/22/18	-	115,000,000	115,000,000	-
09/23/18	-	115,000,000	115,000,000	-

09/24/18	2,500,000	115,000,000	117,500,000	2,500,000
09/25/18	10,000,000	115,000,000	125,000,000	7,500,000
09/26/18	7,500,000	115,000,000	122,500,000	(2,500,000)
09/27/18	7,500,000	115,000,000	122,500,000	-
09/28/18	122,500,000	-	122,500,000	-
09/29/18	122,500,000	-	122,500,000	-
09/30/18	122,500,000	-	122,500,000	-
10/01/18	12,000,000	122,500,000	134,500,000	12,000,000
10/02/18	12,000,000	122,500,000	134,500,000	-
10/03/18	12,000,000	122,500,000	134,500,000	-
10/04/18	-	134,500,000	134,500,000	-
10/05/18	-	134,500,000	134,500,000	-
10/06/18	-	134,500,000	134,500,000	-
10/07/18	-	134,500,000	134,500,000	-
10/08/18	-	134,500,000	134,500,000	-
10/09/18	-	134,500,000	134,500,000	-
10/10/18	-	134,500,000	134,500,000	-
10/11/18	-	134,500,000	134,500,000	-
10/12/18	-	134,500,000	134,500,000	-
10/13/18	-	134,500,000	134,500,000	-
10/14/18	-	134,500,000	134,500,000	-
10/15/18	-	134,500,000	134,500,000	-
10/16/18	-	134,500,000	134,500,000	-
10/17/18	4,000,000	134,500,000	138,500,000	4,000,000
10/18/18	8,500,000	134,500,000	143,000,000	4,500,000
10/19/18	8,500,000	134,500,000	143,000,000	-
10/20/18	8,500,000	134,500,000	143,000,000	-
10/21/18	8,500,000	134,500,000	143,000,000	-
10/22/18	7,500,000	138,500,000	146,000,000	3,000,000
10/23/18	3,000,000	143,000,000	146,000,000	-
10/24/18	35,000,000	111,000,000	146,000,000	-
10/25/18	32,000,000	114,000,000	146,000,000	-
10/26/18	2,000,000	114,000,000	116,000,000	(30,000,000)
10/27/18	2,000,000	114,000,000	116,000,000	-
10/28/18	2,000,000	114,000,000	116,000,000	-
10/29/18	5,000,000	129,000,000	134,000,000	18,000,000
10/30/18	5,000,000	129,000,000	134,000,000	-
10/31/18	3,000,000	131,000,000	134,000,000	-
11/01/18	3,000,000	131,000,000	134,000,000	-
11/02/18	3,000,000	131,000,000	134,000,000	-
11/03/18	3,000,000	131,000,000	134,000,000	-
11/04/18	3,000,000	131,000,000	134,000,000	-
11/05/18	1,500,000	134,000,000	135,500,000	1,500,000
11/06/18	1,500,000	134,000,000	135,500,000	-
11/07/18	-	135,500,000	135,500,000	-
11/08/18	-	135,500,000	135,500,000	-
11/09/18	-	135,500,000	135,500,000	-
11/10/18	-	135,500,000	135,500,000	-
11/11/18	-	135,500,000	135,500,000	-
11/12/18	-	135,500,000	135,500,000	-
11/13/18	-	135,500,000	135,500,000	-
11/14/18	-	135,500,000	135,500,000	-
11/15/18	-	135,500,000	135,500,000	-
11/16/18	-	135,500,000	135,500,000	-
11/17/18	-	135,500,000	135,500,000	-

11/18/18	-	135,500,000	135,500,000	-
11/19/18	-	135,500,000	135,500,000	-
11/20/18	3,000,000	132,500,000	135,500,000	-
11/21/18	4,500,000	131,000,000	135,500,000	-
11/22/18	4,500,000	131,000,000	135,500,000	-
11/23/18	4,500,000	131,000,000	135,500,000	-
11/24/18	4,500,000	131,000,000	135,500,000	-
11/25/18	4,500,000	131,000,000	135,500,000	-
11/26/18	4,500,000	131,000,000	135,500,000	-
11/27/18	4,500,000	131,000,000	135,500,000	-
11/28/18	4,500,000	131,000,000	135,500,000	-
11/29/18	7,000,000	131,000,000	138,000,000	2,500,000
11/30/18	6,000,000	135,500,000	141,500,000	3,500,000
12/01/18	6,000,000	135,500,000	141,500,000	-
12/02/18	6,000,000	135,500,000	141,500,000	-
12/03/18	6,000,000	135,500,000	141,500,000	-
12/04/18	3,500,000	138,000,000	141,500,000	-
12/05/18	-	141,500,000	141,500,000	-
12/06/18	-	141,500,000	141,500,000	-
12/07/18	-	124,000,000	124,000,000	(17,500,000)
12/08/18	-	124,000,000	124,000,000	-
12/09/18	-	124,000,000	124,000,000	-
12/10/18	-	124,000,000	124,000,000	-
12/11/18	-	124,000,000	124,000,000	-
12/12/18	-	124,000,000	124,000,000	-
12/13/18	7,000,000	124,000,000	131,000,000	7,000,000
12/14/18	7,000,000	124,000,000	131,000,000	-
12/15/18	7,000,000	124,000,000	131,000,000	-
12/16/18	7,000,000	124,000,000	131,000,000	-
12/17/18	-	124,000,000	124,000,000	(7,000,000)
12/18/18	-	124,000,000	124,000,000	-
12/19/18	-	124,000,000	124,000,000	-
12/20/18	-	124,000,000	124,000,000	-
12/21/18	-	124,000,000	124,000,000	-
12/22/18	-	124,000,000	124,000,000	-
12/23/18	-	124,000,000	124,000,000	-
12/24/18	-	124,000,000	124,000,000	-
12/25/18	-	124,000,000	124,000,000	-
12/26/18	3,500,000	124,000,000	127,500,000	3,500,000
12/27/18	3,500,000	124,000,000	127,500,000	-
12/28/18	-	124,000,000	124,000,000	(3,500,000)
12/29/18	-	124,000,000	124,000,000	-
12/30/18	-	124,000,000	124,000,000	-
12/31/18	97,000,000	-	97,000,000	(27,000,000)
01/01/19	97,000,000	-	97,000,000	-
01/02/19	-	100,000,000	100,000,000	3,000,000
01/03/19	-	100,000,000	100,000,000	-
01/04/19	-	100,000,000	100,000,000	-
01/05/19	-	100,000,000	100,000,000	-
01/06/19	-	100,000,000	100,000,000	-
01/07/19	-	100,000,000	100,000,000	-
01/08/19	8,000,000	100,000,000	108,000,000	8,000,000
01/09/19	8,000,000	100,000,000	108,000,000	-
01/10/19	-	108,000,000	108,000,000	-
01/11/19	-	108,000,000	108,000,000	-

01/12/19	-	108,000,000	108,000,000	-
01/13/19	-	108,000,000	108,000,000	-
01/14/19	-	108,000,000	108,000,000	-
01/15/19	-	108,000,000	108,000,000	-
01/16/19	-	108,000,000	108,000,000	-
01/17/19	-	108,000,000	108,000,000	-
01/18/19	-	108,000,000	108,000,000	-
01/19/19	-	108,000,000	108,000,000	-
01/20/19	-	108,000,000	108,000,000	-
01/21/19	-	108,000,000	108,000,000	-
01/22/19	6,000,000	108,000,000	114,000,000	6,000,000
01/23/19	6,000,000	108,000,000	114,000,000	-
01/24/19	6,000,000	108,000,000	114,000,000	-
01/25/19	11,000,000	114,000,000	125,000,000	11,000,000
01/26/19	11,000,000	114,000,000	125,000,000	-
01/27/19	11,000,000	114,000,000	125,000,000	-
01/28/19	22,000,000	114,000,000	136,000,000	11,000,000
01/29/19	11,000,000	125,000,000	136,000,000	-
01/30/19	-	136,000,000	136,000,000	-
01/31/19	-	136,000,000	136,000,000	-
02/01/19	-	136,000,000	136,000,000	-
02/02/19	-	136,000,000	136,000,000	-
02/03/19	-	136,000,000	136,000,000	-
02/04/19	-	136,000,000	136,000,000	-
02/05/19	-	136,000,000	136,000,000	-
02/06/19	-	136,000,000	136,000,000	-
02/07/19	-	136,000,000	136,000,000	-
02/08/19	-	136,000,000	136,000,000	-
02/09/19	-	136,000,000	136,000,000	-
02/10/19	-	136,000,000	136,000,000	-
02/11/19	-	136,000,000	136,000,000	-
02/12/19	-	136,000,000	136,000,000	-
02/13/19	-	136,000,000	136,000,000	-
02/14/19	-	136,000,000	136,000,000	-
02/15/19	-	136,000,000	136,000,000	-
02/16/19	-	136,000,000	136,000,000	-
02/17/19	-	136,000,000	136,000,000	-
02/18/19	-	136,000,000	136,000,000	-
02/19/19	-	136,000,000	136,000,000	-
02/20/19	-	136,000,000	136,000,000	-
02/21/19	-	136,000,000	136,000,000	-
02/22/19	-	136,000,000	136,000,000	-
02/23/19	-	136,000,000	136,000,000	-
02/24/19	-	136,000,000	136,000,000	-
02/25/19	3,000,000	136,000,000	139,000,000	3,000,000
02/26/19	7,000,000	136,000,000	143,000,000	4,000,000
02/27/19	7,000,000	136,000,000	143,000,000	-
02/28/19	4,000,000	139,000,000	143,000,000	-
03/01/19	-	143,000,000	143,000,000	-
03/02/19	-	143,000,000	143,000,000	-
03/03/19	-	143,000,000	143,000,000	-
03/04/19	-	143,000,000	143,000,000	-
03/05/19	-	143,000,000	143,000,000	-
03/06/19	-	143,000,000	143,000,000	-
03/07/19	-	143,000,000	143,000,000	-

03/08/19	-	143,000,000	143,000,000	-
03/09/19	-	143,000,000	143,000,000	-
03/10/19	-	143,000,000	143,000,000	-
03/11/19	-	143,000,000	143,000,000	-
03/12/19	-	143,000,000	143,000,000	-
03/13/19	-	143,000,000	143,000,000	-
03/14/19	-	143,000,000	143,000,000	-
03/15/19	-	143,000,000	143,000,000	-
03/16/19	-	143,000,000	143,000,000	-
03/17/19	-	143,000,000	143,000,000	-
03/18/19	-	143,000,000	143,000,000	-
03/19/19	-	143,000,000	143,000,000	-
03/20/19	-	143,000,000	143,000,000	-
03/21/19	-	143,000,000	143,000,000	-
03/22/19	-	143,000,000	143,000,000	-
03/23/19	-	143,000,000	143,000,000	-
03/24/19	-	143,000,000	143,000,000	-
03/25/19	-	143,000,000	143,000,000	-
03/26/19	-	143,000,000	143,000,000	-
03/27/19	-	143,000,000	143,000,000	-
03/28/19	-	143,000,000	143,000,000	-
03/29/19	118,000,000	-	118,000,000	(25,000,000)
03/30/19	118,000,000	-	118,000,000	-
03/31/19	118,000,000	-	118,000,000	-
04/01/19	11,000,000	120,000,000	131,000,000	13,000,000
04/02/19	11,000,000	120,000,000	131,000,000	-
04/03/19	11,000,000	120,000,000	131,000,000	-
04/04/19	-	131,000,000	131,000,000	-
04/05/19	-	131,000,000	131,000,000	-
04/06/19	-	131,000,000	131,000,000	-
04/07/19	-	131,000,000	131,000,000	-
04/08/19	-	131,000,000	131,000,000	-
04/09/19	-	131,000,000	131,000,000	-
04/10/19	-	131,000,000	131,000,000	-
04/11/19	-	131,000,000	131,000,000	-
04/12/19	-	131,000,000	131,000,000	-
04/13/19	-	131,000,000	131,000,000	-
04/14/19	-	131,000,000	131,000,000	-
04/15/19	-	131,000,000	131,000,000	-
04/16/19	-	131,000,000	131,000,000	-
04/17/19	-	131,000,000	131,000,000	-
04/18/19	-	131,000,000	131,000,000	-
04/19/19	-	131,000,000	131,000,000	-
04/20/19	-	131,000,000	131,000,000	-
04/21/19	-	131,000,000	131,000,000	-
04/22/19	-	131,000,000	131,000,000	-
04/23/19	-	131,000,000	131,000,000	-
04/24/19	-	131,000,000	131,000,000	-
04/25/19	10,000,000	131,000,000	141,000,000	10,000,000
04/26/19	21,000,000	131,000,000	152,000,000	11,000,000
04/27/19	21,000,000	131,000,000	152,000,000	-
04/28/19	21,000,000	131,000,000	152,000,000	-
04/29/19	21,000,000	131,000,000	152,000,000	-
04/30/19	11,000,000	141,000,000	152,000,000	-
05/01/19	-	141,000,000	141,000,000	(11,000,000)

05/02/19	-	141,000,000	141,000,000	-
05/03/19	-	141,000,000	141,000,000	-
05/04/19	-	141,000,000	141,000,000	-
05/05/19	-	141,000,000	141,000,000	-
05/06/19	-	141,000,000	141,000,000	-
05/07/19	-	141,000,000	141,000,000	-
05/08/19	-	141,000,000	141,000,000	-
05/09/19	-	141,000,000	141,000,000	-
05/10/19	-	141,000,000	141,000,000	-
05/11/19	-	141,000,000	141,000,000	-
05/12/19	-	141,000,000	141,000,000	-
05/13/19	-	141,000,000	141,000,000	-
05/14/19	-	141,000,000	141,000,000	-
05/15/19	-	141,000,000	141,000,000	-
05/16/19	-	141,000,000	141,000,000	-
05/17/19	-	141,000,000	141,000,000	-
05/18/19	-	141,000,000	141,000,000	-
05/19/19	-	141,000,000	141,000,000	-
05/20/19	-	141,000,000	141,000,000	-
05/21/19	-	141,000,000	141,000,000	-
05/22/19	-	141,000,000	141,000,000	-
05/23/19	-	13,000,000	13,000,000	(128,000,000)
05/24/19	-	13,000,000	13,000,000	-
05/25/19	-	13,000,000	13,000,000	-
05/26/19	-	13,000,000	13,000,000	-
05/27/19	-	13,000,000	13,000,000	-
05/28/19	-	13,000,000	13,000,000	-
05/29/19	-	13,000,000	13,000,000	-
05/30/19	-	13,000,000	13,000,000	-
05/31/19	1,500,000	13,000,000	14,500,000	1,500,000