

Form 5500-SF Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Short Form Annual Return/Report of Small Employee Benefit Plan This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ► Complete all entries in accordance with the instructions to the Form 5500-SF.	OMB Nos. 1210-0110 1210-0089 2017 This Form is Open to Public Inspection

Part I Annual Report Identification Information	
For calendar plan year 2017 or fiscal plan year beginning <u>11/01/2017</u> and ending <u>10/31/2018</u>	
A This return/report is for:	☒ a single-employer plan ☐ a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☐ a one-participant plan ☐ a foreign plan
B This return/report is	☐ the first return/report ☒ an amended return/report ☐ the final return/report ☐ a short plan year return/report (less than 12 months)
C Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ DFVC program ☐ special extension (enter description)

Part II Basic Plan Information —enter all requested information	
1a Name of plan <u>NATIONAL ENTERPRISE SYSTEMS, INC. CASH BALANCE PLAN</u>	1b Three-digit plan number (PN) ► <u>003</u> 1c Effective date of plan <u>11/01/2014</u>
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>NATIONAL ENTERPRISE SYSTEMS, INC.</u> <u>2479 EDISON BLVD., UNIT A</u> <u>TWINSBURG, OH 44087-2340</u>	2b Employer Identification Number (EIN) <u>34-1556903</u> 2c Sponsor's telephone number <u>440-542-1360</u> 2d Business code (see instructions) <u>561440</u>
3a Plan administrator's name and address ☒ Same as Plan Sponsor.	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report. a Sponsor's name c Plan Name	4b EIN 4d PN
5a Total number of participants at the beginning of the plan year	5a <u>43</u>
b Total number of participants at the end of the plan year	5b <u>57</u>
c Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	5c
d(1) Total number of active participants at the beginning of the plan year	5d(1) <u>37</u>
d(2) Total number of active participants at the end of the plan year	5d(2) <u>32</u>
e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	5e <u>0</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.
 Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	<u>Filed with authorized/valid electronic signature.</u>	<u>08/14/2019</u>	<u>ERNEST POLLAK</u>
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) ☒ Yes ☐ No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) ☒ Yes ☐ No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? ☒ Yes ☐ No ☐ Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4141327. (See instructions.)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	1777216	2262277
b Total plan liabilities	7b		
c Net plan assets (subtract line 7b from line 7a)	7c	1777216	2262277
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	602469	
(2) Participants	8a(2)		
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	-643	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		601826
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	108528	
e Certain deemed and/or corrective distributions (see instructions)	8e		
f Administrative service providers (salaries, fees, commissions)	8f	8237	
g Other expenses	8g		
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		116765
i Net income (loss) (subtract line 8h from line 8c)	8i		485061
j Transfers to (from) the plan (see instructions)	8j		

Part IV Plan Characteristics

- 9a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:
1A 1C 1I
- b** If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions

10 During the plan year:		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program)	10a		☒	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b		☒	
c Was the plan covered by a fidelity bond?	10c	☒		5000000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d		☒	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)	10e		☒	
f Has the plan failed to provide any benefit when due under the plan?	10f		☒	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)	10g		☒	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h			
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	10i			

Part VI Pension Funding Compliance

11	Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and line 11a below)	☒ Yes ☐ No
11a	Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40	11a 0
12	Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? (If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.)	☐ Yes ☒ No
a	If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and enter the date of the letter ruling granting the waiver. Month _____ Day _____ Year _____	
If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.		
b	Enter the minimum required contribution for this plan year	12b
c	Enter the amount contributed by the employer to the plan for this plan year	12c
d	Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount)	12d
e	Will the minimum funding amount reported on line 12d be met by the funding deadline?	☐ Yes ☐ No ☐ N/A

Part VII Plan Terminations and Transfers of Assets

13a	Has a resolution to terminate the plan been adopted in any plan year?	☒ Yes ☐ No
	If "Yes," enter the amount of any plan assets that reverted to the employer this year	13a 0
b	Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	☐ Yes ☒ No
c	If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)	
13c(1)	13c(2)	13c(3)
Name of plan(s):	EIN(s)	PN(s)

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2017 This Form is Open to Public Inspection
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For calendar plan year 2017 or fiscal plan year beginning 11/01/2017 and ending 10/31/2018

▶ **Round off amounts to nearest dollar.**
▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>NATIONAL ENTERPRISE SYSTEMS, INC. CASH BALANCE PLAN</u>	B Three-digit plan number (PN) ▶ <u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>NATIONAL ENTERPRISE SYSTEMS, INC.</u>	D Employer Identification Number (EIN) <u>34-1556903</u>

E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500
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Part I Basic Information

1 Enter the valuation date: Month <u>10</u> Day <u>31</u> Year <u>2018</u>			
2 Assets:			
a Market value	2a	<u>1659808</u>	
b Actuarial value	2b	<u>1659808</u>	
3 Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	<u>0</u>	<u>0</u>	<u>0</u>
b For terminated vested participants	<u>25</u>	<u>13020</u>	<u>13020</u>
c For active participants	<u>32</u>	<u>1720319</u>	<u>1720319</u>
d Total	<u>57</u>	<u>1733339</u>	<u>1733339</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐			
a Funding target disregarding prescribed at-risk assumptions	4a		
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5 Effective interest rate	5	<u>4.88 %</u>	
6 Target normal cost	6	<u>578536</u>	

Statement by Enrolled Actuary
To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		
Signature of actuary	<u>08/14/2019</u>	Date
<u>J. CLINTON WALL</u>	<u>17-05644</u>	Most recent enrollment number
Type or print name of actuary	<u>330-668-3747</u>	Telephone number (including area code)
<u>TRINITY PENSION CONSULTANTS</u>		
Firm name		
<u>202 MONTROSE WEST AVE.</u> <u>SUITE 290</u> <u>COPLEY, OH 44321</u>		
Address of the firm		

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

Part II Beginning of Year Carryover and Prefunding Balances

	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	0	0
10 Interest on line 9 using prior year's actual return of _____ %		
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		252
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>4.89</u> %		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		252
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14 Funding target attainment percentage	14	95.75%
15 Adjusted funding target attainment percentage	15	97.75%
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	99.95%
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls**18** Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
11/19/2018	569603	0			
06/19/2019	32866	0			
Totals ▶			18(b)	602469	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years.	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	590709

20 Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☒ No
- c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 4.16 %	2nd segment: 5.72 %	3rd segment: 6.48 %	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 0
22 Weighted average retirement age.....				22 63
23 Mortality table(s) (see instructions)	☒ Prescribed - combined ☐ Prescribed - separate ☐ Substitute			

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment	☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.....	☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.....	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)	31a	578536	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance		Installment
a Net shortfall amortization installment.....	73531		12084
b Waiver amortization installment	0		0
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....	34	590620	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....			0
36 Additional cash requirement (line 34 minus line 35)	36	590620	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	590709	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	89	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b		
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years.....	40	0	

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected	☐ 2 plus 7 years	☐ 15 years	
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008	☐ 2009	☐ 2010 ☐ 2011
42 Amount of acceleration adjustment	42		
43 Excess installment acceleration amount to be carried over to future plan years	43		

NES
CASH BALANCE PLAN

Schedule SB, line 26
Schedule of Active
Participant Data

Employer Identification Number 34-1556903 Plan Number 003
As of October 31, 2018

Attained Age	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up
Under 25	0	2	0	0	0	0	0	0	0	0
25 to 29	0	0	0	0	0	0	0	0	0	0
30 to 34	1	5	0	0	0	0	0	0	0	0
35 to 39	0	8	0	0	0	0	0	0	0	0
40 to 44	0	7	0	0	0	0	0	0	0	0
45 to 49	0	2	0	0	0	0	0	0	0	0
50 to 54	0	2	0	0	0	0	0	0	0	0
55 to 59	0	1	0	0	0	0	0	0	0	0
60 to 64	0	1	0	0	0	0	0	0	0	0
65 to 69	0	1	0	0	0	0	0	0	0	0
70 & Up	0	2	0	0	0	0	0	0	0	0
Average Age	43	Average Service				4				

NES
CASH BALANCE PLAN

Schedule SB, Part V
Statement of Actuarial
Assumptions/Methods
Employer Identification Number 34-1556903 Plan Number 003
As of October 31, 2018

Assumption	For Funding
Turnover	None
Disability	None
Future Salary Increases	None
Assumed Retirement Age	Normal Retirement
Assumed Benefit Form	Percent Assumed Plan Normal Form 0% Percent Assumed Lump Sum 100% Percent Assumed Life Only 0% Percent Assumed Joint and Survivor 0%
Actuarial Value of Assets	Market Value

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2017 This Form is Open to Public Inspection
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For calendar plan year 2017 or fiscal plan year beginning 11/01/2017 and ending 10/31/2018

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

a Name of plan <u>National Enterprise Systems, Inc. Cash Balance Plan</u>	B Three-digit plan number (PN)	<u>003</u>
c Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>National Enterprise Systems, Inc.</u>	D Employer Identification Number (EIN) <u>34-1556903</u>	
e Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B		
f Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500		

Part I Basic Information

1 Enter the valuation date: Month <u>10</u> Day <u>31</u> Year <u>2018</u>			
2 Assets:			
a Market value.....	2a	1,659,808	
b Actuarial value.....	2b	1,659,808	
3 Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment.....	0	0	0
b For terminated vested participants.....	25	13,020	13,020
c For active participants.....	32	1,720,319	1,720,319
d Total.....	57	1,733,339	1,733,339
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐			
a Funding target disregarding prescribed at-risk assumptions.....	4a		
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	4b		
5 Effective interest rate.....	5	4.88%	
6 Target normal cost.....	6	578,536	

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE	 Signature of actuary	<u>08/14/2019</u> Date <u>1705644</u> Most recent enrollment number <u>330-668-3747</u> Telephone number (including area code)
<u>J. Clinton Wall</u> Type or print name of actuary		
<u>Trinity Pension Consultants</u> Firm name		
<u>102 Montrose West Ave.</u> <u>Suite 290</u> <u>Copley OH 44321</u> Address of the firm		

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2017

Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8).....	0	0
10	Interest on line 9 using prior year's actual return of _____%		
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year).....		252
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>4.89</u> %.....		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return.....		0
	c Total available at beginning of current plan year to add to prefunding balance.....		252
	d Portion of (c) to be added to prefunding balance.....		0
12	Other reductions in balances due to elections or deemed elections.....	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12).....	0	0

Part III		Funding Percentages		
14	Funding target attainment percentage	14	95.75%	
15	Adjusted funding target attainment percentage	15	97.75%	
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	99.95%	
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%	

Part IV		Contributions and Liquidity Shortfalls			
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
11/19/2018	569,603	0			
06/19/2019	32,866	0			
			Totals ►	18(b)	602,469 18(c)

a Contributions allocated toward unpaid minimum required contributions from prior years.....	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date.....	19c	590,709

a Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☒ No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
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Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:			
a Segment rates:	1st segment: 4.16 %	2nd segment: 5.72 %	3rd segment: 6.48 %
			☐ N/A, full yield curve used
b Applicable month (enter code)			21b 0
22 Weighted average retirement age			22 63
23 Mortality table(s) (see instructions) ☒ Prescribed - combined ☐ Prescribed - separate ☐ Substitute			

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.		☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.		☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.		☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)		31a	578,536
b Excess assets, if applicable, but not greater than line 31a		31b	0
32 Amortization installments:		Outstanding Balance	Installment
a Net shortfall amortization installment		73,531	12,084
b Waiver amortization installment		0	0
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount		33	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)		34	590,620
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement			0
36 Additional cash requirement (line 34 minus line 35)		36	590,620
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)		37	590,709
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)		38a	89
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances		38b	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)		39	0
40 Unpaid minimum required contributions for all years		40	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected		☐ 2 plus 7 years	☐ 15 years
b Eligible plan year(s) for which the election in line 41a was made		☐ 2008	☐ 2009 ☐ 2010 ☐ 2011
42 Amount of acceleration adjustment		42	
43 Excess installment acceleration amount to be carried over to future plan years		43	

NES
CASH BALANCE PLAN

Schedule SB, line 19
Discounted Employer Contributions
Employer Identification Number 34-1556903 Plan Number 003
As of October 31, 2018

Code	Date	Contribution Effective Amount	Effective Rate	For Months	Quarterly Due	Effective Rate Plus 5%	For Months	Discounted Contribution
C	11/19/2018	132,889.50	4.88	-8.52	2/15/2018	9.88	9.13	127,951.92
C	11/19/2018	132,889.50	4.88	-5.52	5/15/2018	9.88	6.13	129,450.38
C	11/19/2018	132,889.50	4.88	-2.52	8/15/2018	9.88	3.13	130,966.37
C	11/19/2018	132,889.50	4.88	0.48	11/15/2018	9.88	0.13	132,500.13
C	11/19/2018	38,045.00	4.88	0.61				37,952.53
C	6/19/2019	32,866.00	4.88	7.61				31,887.41
Total		602,469.00						590,708.74

Code 'C' is a contribution, 'B' is a balance reduction

NES
CASH BALANCE PLAN

Schedule SB, line 22
Description of Weighted
Average Retirement Age
Employer Identification Number 34-1556903 Plan Number 003
As of October 31, 2018

All participants are assumed to retire at the later of their Normal Retirement Age, or the end of the current plan year

NES
CASH BALANCE PLAN

Schedule SB, Part V
Summary of Plan Provisions
Employer Identification Number 34-1556903 Plan Number 003
As of October 31, 2018

Plan effective date	November 1, 2014								
Plan Year	November 1 to October 31								
Eligibility	Employees are eligible to enter on the day of that is coincident with or next following the date the participant is hired								
Excluded	Alien\Leased\Those not in covered job classes								
Normal Retirement	All participants are eligible to retire upon the later of attainment of age 62 and 5 years of participation								
Normal Retirement Benefit	<p>Upon retirement a participant will be entitled to a benefit payable in the normal form which is equal to the following:</p> <p>Hypothetical allocation and interest credit of:</p> <table><tr><td>Tier</td><td>Cash Balance Pay Credit</td></tr><tr><td>1 – President</td><td>\$334,000</td></tr><tr><td>2 – President’s Spouse</td><td>\$205,000</td></tr><tr><td>3 – Navient Private</td><td>\$1,000</td></tr></table> <p>The benefit is then the actuarial equivalent of the hypothetical account balance at normal retirement, accumulated with hypothetical interest at the rate of 5% per year</p> <p>Credited years are measured as plan years starting with the plan year of entry. Only years during which a participant is credited with at least 1 hours of service are counted.</p>	Tier	Cash Balance Pay Credit	1 – President	\$334,000	2 – President’s Spouse	\$205,000	3 – Navient Private	\$1,000
Tier	Cash Balance Pay Credit								
1 – President	\$334,000								
2 – President’s Spouse	\$205,000								
3 – Navient Private	\$1,000								
Normal Form	A monthly benefit payable for the life of the participant								
Accrued Benefit	The accrued benefit is the benefit based upon service and compensation to the date of determination, limited to the amount that may be funded under IRC 415(b).								
Termination Benefit	<p>Upon termination for any reason other than death, disability or retirement, a participant shall be entitled to a portion of their accrued benefit, in accordance with the following schedule:</p> <table><tr><td>Years of Credit</td><td>Percent Vested</td></tr><tr><td>1</td><td>0</td></tr><tr><td>2</td><td>0</td></tr><tr><td>3</td><td>100</td></tr></table> <p>Credited years are measured as plan years starting with the plan year of hire. Only years during which a participant is credited with at least 1000 hours of service are counted. Service excludes periods before the plan effective date. Service excludes periods prior to November 1, 2014.</p>	Years of Credit	Percent Vested	1	0	2	0	3	100
Years of Credit	Percent Vested								
1	0								
2	0								
3	100								

NES
CASH BALANCE PLAN

Schedule SB, line 32
Schedule of
Amortization Bases
Employer Identification Number 34-1556903 Plan Number 003
As of October 31, 2018

Type of Base	Present Value	Initial Valuation Date	Years Remaining	Amortization Installment
Shortfall	437.24	10/31/2017	6	81.37
Shortfall	73,093.30	10/31/2018	7	12,002.79
Total	73,530.54			12,084.16