

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans 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). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2020</div> This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2020 or fiscal plan year beginning <u>01/01/2020</u> and ending <u>12/31/2020</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) ____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	☒
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)

Part II	Basic Plan Information —enter all requested information				
1a Name of plan CASH BALANCE PENSION PLAN FOR CERTAIN REPRESENTED EMPLOYEES OF ABB ENTERPRISE SOFTWARE INC.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;">321</td> </tr> <tr> <td colspan="2">1c Effective date of plan 07/01/1999</td> </tr> </table>	1b Three-digit plan number (PN) ▶	321	1c Effective date of plan 07/01/1999	
1b Three-digit plan number (PN) ▶	321				
1c Effective date of plan 07/01/1999					
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) ABB ENTERPRISE SOFTWARE INC. 901 MAIN CAMPUS DRIVE RALEIGH, NC 27606	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) 94-3273443</td> </tr> <tr> <td>2c Plan Sponsor's telephone number 901-205-6638</td> </tr> <tr> <td>2d Business code (see instructions) 335900</td> </tr> </table>	2b Employer Identification Number (EIN) 94-3273443	2c Plan Sponsor's telephone number 901-205-6638	2d Business code (see instructions) 335900	
2b Employer Identification Number (EIN) 94-3273443					
2c Plan Sponsor's telephone number 901-205-6638					
2d Business code (see instructions) 335900					

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 accompanying schedules, statements and attachments, 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	Filed with authorized/valid electronic signature.	10/12/2021	VONNA M. JONES
	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
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2020)
v. 200204

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 ABB INC. c Plan Name CASH BALANCE PENSION PLAN FOR CERTAIN REPRESENTED EMPLOYEES OF ABB INC.		4b EIN 36-3100018 4d PN 305
5 Total number of participants at the beginning of the plan year		5 493
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year.....		6a(1) 493
a(2) Total number of active participants at the end of the plan year		6a(2) 454
b Retired or separated participants receiving benefits.....		6b 8
c Other retired or separated participants entitled to future benefits		6c 16
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 478
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 0
f Total. Add lines 6d and 6e		6f 478
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g 0
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1C 3H		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☒ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ 0 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☒ G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2020 Form M-1 annual report. If the plan was not required to file the 2020 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

<div>SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Single-Employer Defined Benefit Plan Actuarial Information</div> <div>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).</div> <div>▶ File as an attachment to Form 5500 or 5500-SF.</div>	<div>OMB No. 1210-0110</div> <div>2020</div> <div>This Form is Open to Public Inspection</div>
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020	
▶ 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 CASH BALANCE PENSION PLAN FOR CERTAIN REPRESENTED EMPLOYEES OF ABB ENTERPRISE SOFTWARE INC.	B Three-digit plan number (PN) ▶ 321
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF ABB ENTERPRISE SOFTWARE INC.	D Employer Identification Number (EIN) 94-3273443
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 01 Day 01 Year 2020			
2	Assets:			
	a Market value	2a	36604975	
	b Actuarial value	2b	35272316	
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.....	0	0	0
	c For active participants	493	32596736	34498526
	d Total.....	493	32596736	34498526
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	5.08 %	
6	Target normal cost.....	6	991504	

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.

<div>SIGN HERE</div>	<div>Signature of actuary</div> <div>MICHAEL A. HOLDERMAN</div> <div>Type or print name of actuary</div> <div>WILLIS TOWERS WATSON US LLC</div> <div>Firm name</div> <div>1 BANK OF AMERICA CENTER 150 NORTH COLLEGE STREET CHARLOTTE, NC 28202</div> <div>Address of the firm</div>	<div>09/21/2021</div> <div>Date</div> <div>20-06979</div> <div>Most recent enrollment number</div> <div>704-620-6513</div> <div>Telephone number (including area code)</div>
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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	1480863
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	1269232
9 Amount remaining (line 7 minus line 8)	0	211631
10 Interest on line 9 using prior year's actual return of <u>16.07</u> %	0	34009
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		0
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>5.35</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		0
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	68707
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	176933

Part III Funding Percentages

14 Funding target attainment percentage	14	101.73 %
15 Adjusted funding target attainment percentage	15	102.24 %
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	100.04 %
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
09/03/2021	430000	0			
Totals ▶			18(b)	430000	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	395806

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: 3.64 %	2nd segment: 5.21 %	3rd segment: 5.94 %	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 4
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	991504	
b Excess assets, if applicable, but not greater than line 31a	31b	596857	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	0	0	
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	394647	
	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	394647	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	395806	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	1159	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
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

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2020
		This Form is Open to Public Inspection.

For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020	
A Name of plan CASH BALANCE PENSION PLAN FOR CERTAIN REPRESENTED EMPLOYEES OF ABB ENTERPRISE SOFTWARE INC.	B Three-digit plan number (PN) ▶ 321
C Plan sponsor's name as shown on line 2a of Form 5500 ABB ENTERPRISE SOFTWARE INC.	D Employer Identification Number (EIN) 94-3273443

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a** Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. ☒ Yes ☐ No
- b** If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
HARBOURVEST 2007 DIRECT ASSOCIATES
77-0678213

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
HARBOURVEST PARTNERS LP
74-3130888

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
HARBOURVEST PARTNERS V-PARTNERSHIP
55-0897492

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
HARBOURVEST PARTNERS VI-PARTNERSHIP
04-3464297

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

MERCER INVESTMENTS LLC

30-0282430

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

OAKTREE CAPITAL MANAGEMENT LP

26-0189082

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

TRILANTIC CAPITAL MANAGEMENT LLC

26-4600829

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

WELLINGTON TRUST COMPANY NA

04-2755549

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

ALIGHT SOLUTIONS LLC

36-2235791

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 64 50	NONE	10542	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

DODGE & COX

94-1441976

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 28 51 52	NONE	7459	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

PIMCO

33-0629048

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 28 51 52	NONE	4087	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

NEUBERGER BERMAN INV. ADVISORS LLC

02-0654486

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 28 51 52	NONE	3436	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	JOHN D. STEELE	b EIN:	53-0181291
c Position:	ENROLLED ACTUARY		
d Address:	WILLIS TOWERS WATSON US LLC 3001 SUMMER STREET, FLOOR 5 STAMFORD, CT 06905	e Telephone:	203-326-5400

Explanation: REASSIGNMENT OF WORK WITHIN WILLIS TOWERS WATSON

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2020 This Form is Open to Public Inspection.
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020

A Name of plan <u>CASH BALANCE PENSION PLAN FOR CERTAIN REPRESENTED EMPLOYEES OF ABB ENTERPRISE SOFTWARE INC.</u>	B Three-digit plan number (PN) ►	<u>321</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>ABB ENTERPRISE SOFTWARE INC.</u>	D Employer Identification Number (EIN) <u>94-3273443</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: ABB ENTERPRISE SOFTWARE INC. MASTER

b Name of sponsor of entity listed in (a): ABB ENTERPRISE SOFTWARE INC.

c EIN-PN <u>94-3273443-324</u>	d Entity code <u>M</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>36978934</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: ABB INC. MASTER TRUST

b Name of sponsor of entity listed in (a): ABB INC. MASTER TRUST

c EIN-PN <u>36-3100018-050</u>	d Entity code <u>M</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE G (Form 5500) <small>Department of Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	<div style="text-align: center;">Financial Transaction Schedules</div> <p>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).</p> <p style="text-align: center;">▶ File as an attachment to Form 5500.</p>	<small>OMB No. 1210-0110</small> <div style="text-align: center; border-top: 1px solid black; border-bottom: 1px solid black;">2020</div> <p style="text-align: center;">This Form is Open to Public Inspection.</p>
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020		
A Name of plan CASH BALANCE PENSION PLAN FOR CERTAIN REPRESENTED EMPLOYEES OF ABB ENTERPRISE SOFTWARE INC.	B Three-digit plan number (PN) ▶	321
C Plan sponsor's name as shown on line 2a of Form 5500 ABB ENTERPRISE SOFTWARE INC.	D Employer Identification Number (EIN) 94-3273443	

Part I	Schedule of Loans or Fixed Income Obligations in Default or Classified as Uncollectible <small>Complete as many entries as needed to report all loans or fixed income obligations in default or classified as uncollectible. Check box (a) if obligor is known to be a party in interest. Attach Overdue Loan Explanation for each loan listed. See Instructions.</small>
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(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items			
☐					
		Amount received during reporting year		Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items			
☐					
		Amount received during reporting year		Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items			
☐					
		Amount received during reporting year		Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items			
☐					
		Amount received during reporting year		Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items			
☐					
		Amount received during reporting year		Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

Part II Schedule of Leases in Default or Classified as Uncollectible

Complete as many entries as needed to report all leases in default or classified as uncollectible. Check box (a) if lessor or lessee is known to be a party in interest. Attach Overdue Lease Explanation for each lease listed. (See instructions)

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

Part III Nonexempt Transactions

Complete as many entries as needed to report all nonexempt transactions. **Caution:** If a nonexempt prohibited transaction occurred with respect to a disqualified person, file Form 5330 with the IRS to pay the excise tax on the transaction.

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
ABB ENTERPRISE SOFTWARE (AES)	PLAN SPONSOR	USE OF PLAN ASSETS FOR ADMINISTRATIVE EXPENSES			
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
				11439	

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

SCHEDULE H (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>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2020 This Form is Open to Public Inspection
For calendar plan year 2020 or fiscal plan year beginning <u>01/01/2020</u> and ending <u>12/31/2020</u>		
A Name of plan <u>CASH BALANCE PENSION PLAN FOR CERTAIN REPRESENTED EMPLOYEES OF ABB ENTERPRISE SOFTWARE INC.</u>	B Three-digit plan number (PN) ►	<u>321</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>ABB ENTERPRISE SOFTWARE INC.</u>	D Employer Identification Number (EIN) <u>94-3273443</u>	

Part I	Asset and Liability Statement		
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....		1a	
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions		1b(1)	0430000
(2) Participant contributions.....		1b(2)	
(3) Other		1b(3)	
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)		1c(1)	
(2) U.S. Government securities		1c(2)	
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred		1c(3)(A)	
(B) All other.....		1c(3)(B)	
(4) Corporate stocks (other than employer securities):			
(A) Preferred		1c(4)(A)	
(B) Common		1c(4)(B)	
(5) Partnership/joint venture interests		1c(5)	
(6) Real estate (other than employer real property)		1c(6)	
(7) Loans (other than to participants).....		1c(7)	
(8) Participant loans		1c(8)	
(9) Value of interest in common/collective trusts		1c(9)	
(10) Value of interest in pooled separate accounts		1c(10)	
(11) Value of interest in master trust investment accounts		1c(11)	4716930136978934
(12) Value of interest in 103-12 investment entities		1c(12)	
(13) Value of interest in registered investment companies (e.g., mutual funds)		1c(13)	
(14) Value of funds held in insurance company general account (unallocated contracts).....		1c(14)	
(15) Other.....		1c(15)	

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(1)	Employer securities.....	1d(1)	
(2)	Employer real property.....	1d(2)	
e	Buildings and other property used in plan operation	1e	
f	Total assets (add all amounts in lines 1a through 1e)	1f	47169301 37408934
Liabilities			
g	Benefit claims payable	1g	
h	Operating payables	1h	32228 0
i	Acquisition indebtedness.....	1i	
j	Other liabilities.....	1j	10532856 0
k	Total liabilities (add all amounts in lines 1g through 1j)	1k	10565084 0
Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	36604217 37408934

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

		(a) Amount	(b) Total
Income			
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A)	430000
	(B) Participants	2a(1)(B)	
	(C) Others (including rollovers).....	2a(1)(C)	
(2)	Noncash contributions	2a(2)	
(3)	Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)	430000
b	Earnings on investments:		
(1)	Interest:		
	(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)	
	(B) U.S. Government securities	2b(1)(B)	
	(C) Corporate debt instruments	2b(1)(C)	
	(D) Loans (other than to participants)	2b(1)(D)	
	(E) Participant loans.....	2b(1)(E)	
	(F) Other	2b(1)(F)	
	(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)	0
(2)	Dividends: (A) Preferred stock.....	2b(2)(A)	
	(B) Common stock	2b(2)(B)	
	(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)	
	(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)	0
(3)	Rents	2b(3)	
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	
	(B) Aggregate carrying amount (see instructions).....	2b(4)(B)	
	(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)	0
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	
	(B) Other	2b(5)(B)	
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		2709532
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total.....	2d		3139532

Expenses**e** Benefit payment and payments to provide benefits:

(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	2295160	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other.....	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		2295160
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees	2i(1)	2900	
(2) Contract administrator fees	2i(2)	10542	
(3) Investment advisory and management fees	2i(3)	18194	
(4) Other.....	2i(4)	8019	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		39655
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		2334815

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		804717
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unmodified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: ERNST & YOUNG

(2) EIN: 34-6565596

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d	X		11439
e Was this plan covered by a fidelity bond?			
4e	X		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?			
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)			
4i		X	
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b 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.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☒ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4313604.

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).</div> <div>▶ File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2020</div> <div>This Form is Open to Public Inspection.</div>
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020

<div>A Name of plan CASH BALANCE PENSION PLAN FOR CERTAIN REPRESENTED EMPLOYEES OF ABB ENTERPRISE SOFTWARE INC.</div>	<div>B Three-digit plan number (PN) ▶ 321</div>
<div>C Plan sponsor's name as shown on line 2a of Form 5500 ABB ENTERPRISE SOFTWARE INC.</div>	<div>D Employer Identification Number (EIN) 94-3273443</div>

Part I	Distributions
--------	---------------

All references to distributions relate only to payments of benefits during the plan year.

1	Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	0
2	Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 31-0841368 04-3192613		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.			
3	Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	21

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
---------	--

4	Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☒ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.				
5	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 ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6	a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
	b Enter the amount contributed by the employer to the plan for this plan year	6b		
	c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....	6c		
If you completed line 6c, skip lines 8 and 9.				
7	Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8	If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☒ N/A

Part III	Amendments
----------	------------

9	If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☒ No
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Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
---------	--

10	Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11	a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
	b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12	Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

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

Schedule R (Form 5500) 2020
v. 200204

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....

b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

14a	
14b	
14c	

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year.....

b The corresponding number for the second preceding plan year.....

15a	
15b	

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year.....

b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....

16a	
16b	

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐

- 19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
 Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

- 20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☒ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:
☐ Yes.
☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.
☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.
☐ No. Other. Provide explanation _____

FINANCIAL STATEMENTS AND
SUPPLEMENTAL SCHEDULE

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
(formerly Cash Balance Pension Plan for Certain
Represented Employees of ABB Inc.)

As of December 31, 2020 and 2019 and for
the Year Ended December 31, 2020

With Report of Independent Auditors

Ernst & Young LLP



Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
(formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.)

Financial Statements and Supplemental Schedule

As of December 31, 2020 and 2019 and for
the Year Ended December 31, 2020

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Report of Independent Auditors

ABB Enterprise Software Inc. US Benefits Committee and Plan Participants
Cash Balance Pension Plan for Certain Represented Employees of
ABB Enterprise Software Inc. (formerly Cash Balance Pension
Plan for Certain Represented Employees of ABB Inc.)

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc. (formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.), which comprise the statement of net assets available for benefits as of December 31, 2020, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in conformity with U.S. generally accepted accounting principles; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free of material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the certified investment information described in Note 4, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the entities that certified the investment information meet the requirements of 29 CFR 2520.103-8. The plan administrator has obtained certifications as of and for the year ended December 31, 2020, stating that the investment information provided to the plan administrator is complete and accurate.

Disclaimer of Opinion on Financial Statements

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Disclaimer of Opinion on Supplemental Schedule

The accompanying supplemental schedule of nonexempt transactions as of December 31, 2020 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on the supplemental schedule referred to above.

Disclaimer of Opinion of Other Auditors on 2019 Financial Statements

Other auditors disclaimed an opinion on the 2019 financial statements of Cash Balance Pension Plan for Certain Represented Employees of ABB Inc. on October 9, 2020, as permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Their report indicated that (a) because of the significance of the information that they did not audit, they were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, they did not express an opinion on the financial statements and (b) the form and content of the information included in the 2019 financial statements other than that derived from the certified investment information were presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Report on Compliance of Form and Content with Department of Labor's Rules and Regulations

The form and content of the information included in the 2020 financial statements and supplemental schedule, other than that derived from the certified investment information, have been audited by us in accordance with auditing standards generally accepted in the United States and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Ernst & Young LLP

October 5, 2021

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
(formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.)

Statements of Net Assets Available for Benefits

	December 31	
	2020	2019
Assets		
Investments:		
Plan interest in Master Trust	\$ 36,978,934	\$ 47,169,301
Total investments	<u>36,978,934</u>	<u>47,169,301</u>
Employer contributions receivable	<u>430,000</u>	—
Total assets	37,408,934	47,169,301
Liabilities		
Accrued administrative expenses	—	32,228
Due to ABB Inc. Cash Balance Pension Plan	<u>—</u>	<u>10,532,856</u>
Total liabilities	—	10,565,084
Net assets available for benefits	<u>\$ 37,408,934</u>	<u>\$ 36,604,217</u>

See accompanying notes.

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
(formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.)

Statement of Changes in Net Assets Available for Benefits

Year Ended December 31, 2020

Additions

Investment income:

Plan interest in net investment gain of Master Trust	\$ 2,709,532
Total investment income	<u>2,709,532</u>

Employer contributions	430,000
Total additions	<u>3,139,532</u>

Deductions

Benefits paid	2,295,160
Administrative expenses	39,655
Total deductions	<u>2,334,815</u>

Net increase	804,717
--------------	---------

Net assets available for benefits:

Beginning of year	36,604,217
End of year	<u><u>\$ 37,408,934</u></u>

See accompanying notes.

**Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.**
(formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.)

Notes to Financial Statements

December 31, 2020

1. Description of Plan

The following description of the Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software, Inc. (formerly known as the Cash Balance Pension Plan for Certain Represented Employees of ABB, Inc.) (the Plan) provides general information about the Plan's provisions. Participants should refer to the plan document and summary plan description for a more complete description of the Plan's provisions, copies of which may be obtained from the plan sponsor.

General

The Cash Balance Pension Plan for Certain Represented Employees of ABB Inc. was effective July 1, 1999 and was sponsored by ABB, Inc. Effective December 31, 2019, the Cash Balance Plan Pension Plan for Certain Represented Employees of ABB Inc. transferred the assets and liabilities for all inactive participants to the ABB Inc. Cash Balance Plan. Effective January 1, 2020, the Cash Balance Pension Plan for Certain Represented Employees of ABB Inc. was renamed the Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc., and the Plan Sponsor was changed to ABB Enterprise Software Inc. (Company).

The Plan is a cash balance defined benefit plan that covers salaried and hourly employees of the Company, except temporary employees. The Plan provides for retirement, death, and disability benefits and is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA).

Eligibility and Vesting

Participants of the Cash Balance Pension Plan for Certain Represented Employees of ABB Inc. on December 31, 2019 continue to be participants of the Plan. No employees hired on or after January 1, 2017 are eligible to participate in the Plan.

Active participants become fully vested upon the earliest of the completion of three years of service or attainment of age 65.

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
(formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.)

Notes to Financial Statements (continued)

1. Description of Plan (continued)

Benefits

The Plan is a cash balance plan, whereby a participant's accrued benefit is based on the participant's cash balance account. The cash balance accounts for participants hired before January 1, 2012 are credited with a monthly amount based on compensation and an interest credit. The cash balance accounts for participants hired on or after January 1, 2012 are credited with only a monthly interest credit.

Benefits are paid out in monthly installments or as a lump-sum distribution.

Funding

The Company contributes such amounts as are necessary to provide assets sufficient to meet the benefits to be paid to participants and satisfy the ERISA minimum funding requirements. The Plan has met the ERISA minimum funding requirements for 2020 and 2019.

Plan Termination

Although it has not expressed an intention to do so, the Company reserves the right under the Plan to discontinue its contributions at any time and to terminate the Plan, subject to the provisions of ERISA. Upon termination, the net assets of the Plan will be allocated for payment to the participants in an order of priority as prescribed by ERISA and its related regulations and the plan document.

Whether all participants receive their benefits should the Plan terminate at some future time will depend on the sufficiency, at that time, of the Plan's net assets to provide for accumulated plan benefits and may also depend of the financial condition of the Company and the level of benefits guaranteed by the Pension Benefit Guaranty Corporation (PBGC), as well as the priority of those benefits. Some benefits may be fully or partially provided for by the then-existing net assets of the Plan and the PBGC guarantee, while other benefits may not be provided for at all.

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
(formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.)

Notes to Financial Statements (continued)

2. Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements have been prepared on the accrual basis of accounting.

Payment of Benefits

Benefits are recorded when paid.

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes and supplemental schedule. Actual results could differ from those estimates.

Investment Valuation and Income Recognition

The Plan's investments held in the master trust (Master Trust), are stated at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (an exit price). See Note 5 for further discussion and disclosures related to fair value measurements.

The ABB Enterprise Software US Benefits Committee is responsible for determining the valuation policies and analyzing information provided by the investment custodians and issuers that is used to determine the fair value of the investments.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded as earned. Dividends are recorded on the ex-dividend date. Net appreciation includes the gains and losses on investments bought and sold, as well as held, during the year.

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
(formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.)

Notes to Financial Statements (continued)

2. Summary of Significant Accounting Policies (continued)

New Accounting Pronouncements

In July 2018, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2018-09, *Codification Improvements*, which, among other things, amends an illustrative example of a fair value hierarchy disclosure to indicate that a certain type of investment is not always eligible to use the net asset value per share practical expedient. Also, it further clarifies that an entity should evaluate whether a readily determinable fair value exists or whether its investments qualify for the net asset value per share practical expedient in accordance with Accounting Standards Codification (ASC) 820, *Fair Value Measurement*. Adoption of the amended guidance, which is to be applied prospectively, affects the fair value disclosures, but does not change the fair value measurement of the investments. The Plan adopted ASU 2018-09 for the year ended December 31, 2020, and the adoption of the standard did not have a material impact on the Plan's fair value disclosures.

In August 2019, the FASB issued ASU 2018-13, *Disclosure Framework – Changes to the Disclosure Requirements for Fair Value Measurement*, which eliminates, adds and modifies certain disclosure requires for fair value measurements. The Plan adopted ASU 2018-13 for the year ended December 31, 2020, and the adoption of the standard did not have a material impact on the Plan's fair value disclosures.

Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits (see Note 3) represent the actuarial present value of estimated future periodic payments, including lump-sum distributions that are attributable under the Plan's provisions to services rendered by the employees to the valuation date. Accumulated plan benefits include benefits expected to be paid to: (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died, and (c) present employees or their beneficiaries. Benefits are based on the cash balance accounts or the transition benefits for certain employees. Benefits payable under all circumstances – retirement, death, disability, and termination of employment – are included, to the extent they are deemed attributable to employee services rendered to the valuation date.

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
(formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.)

Notes to Financial Statements (continued)

2. Summary of Significant Accounting Policies (continued)

The Plan's actuary estimated the actuarial present value of accumulated plan benefits, which is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits earned by the participants to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, withdrawal, or retirement) between the valuation date and the expected date of payment.

3. Accumulated Plan Benefits

The accumulated plan benefit information as of the end of each plan year is as follows:

	December 31	
	2020	2019
Actuarial present value of accumulated plan benefits:		
Vested benefits:		
Participants currently receiving benefits	\$ —	\$ —
Other participants	38,550,423	39,919,963
Total vested benefits	38,550,423	39,919,963
Nonvested benefits	1,005,022	605,471
Total actuarial present value of accumulated plan benefits	<u>\$ 39,555,445</u>	<u>\$ 40,525,434</u>

The changes in accumulated plan benefits for the year ended December 31, 2020 are as follows:

Actuarial present value of accumulated plan benefits at beginning of year	\$ 40,525,434
Increases (decreases) during the year attributable to:	
Benefits accumulated and plan experience	(528,916)
Changes in actuarial assumptions	551,130
Increase for interest due to the decrease in the discount period	1,302,957
Benefits paid	<u>(2,295,160)</u>
Net decrease	<u>(969,989)</u>
Actuarial present value of accumulated plan benefits at end of year	<u>\$ 39,555,445</u>

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
(formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.)

Notes to Financial Statements (continued)

3. Accumulated Plan Benefits (continued)

Significant assumptions underlying the actuarial valuations are as follows:

Mortality basis – 2020	Blue collar Pri-2012 Mortality Tables with separate rates for non-annuitants, annuitants, and contingent annuitants with scale MP-2020 generational projection beginning in 2012
Mortality basis – 2019	Collar specific Pri-2012 Mortality Table with Scale MP-2019 generational projection split between annuitants and non-annuitants and sex distinct
Assumed rate of return	2.30% (2020) and 3.26% (2019)
Cash balance interest crediting rate	4.00%
Retirement rate	The 2020 and 2019 retirement rates range from 4% at age 55 to 100% at age 70.

These actuarial assumptions are based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

4. Investments

Certain information related to investments for the Plan and the Master Trust disclosed in the accompanying financial statements, including the plan interest in Master Trust held at December 31, 2020 and 2019, and the net investment gain from plan interest in the Master Trust for the year ended December 31, 2020, was obtained or derived from information provided to the plan administrator and certified as complete and accurate by the Plan's trustees, U.S. Bank National Association, as of December 31, 2020 and for the period July 1, 2020 through December 31, 2020, and by Bank of New York Mellon/BNY Mellon, N.A. as of December 31, 2019 and for the period January 1, 2020 through July 31, 2020.

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
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Notes to Financial Statements (continued)

4. Investments (continued)

Master Trust

The Plan's investments are held in a Master Trust that was established for the investment of assets of the Plan and several other Company-sponsored retirement plans. Each participating plan has an undivided interest in the Master Trust. The Master Trust assets are allocated among the participating plans by assigning to each plan those transactions (primarily contributions, benefit payments, and plan-specific expenses) that can be specifically identified and by allocating among all plans, in proportion to each plan's beneficial interest in the Master Trust, income and expenses resulting from the collective investment of the assets of the Master Trust. At December 31, 2020 and 2019, the Plan's interest in the net assets of the Master Trust was approximately 99.19% and 3.61%, respectively.

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
(formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.)

Notes to Financial Statements (continued)

4. Investments (continued)

The following table presents the net assets of the Master Trust and the Plan's interest in the Master Trust:

	Master Trust Balances	Plan's Interest in Master Trust Balances
December 31, 2020		
Money market	\$ 7,335	\$ 7,276
Collective investment funds	37,275,013	36,971,658
Total investments at fair value	37,282,348	36,978,934
Total net assets	<u>\$ 37,282,348</u>	<u>\$ 36,978,934</u>
December 31, 2019		
Interest-bearing cash	\$ 1,570,000	\$ 56,725
U.S. Government securities	208,951,972	7,549,612
Corporate bonds	509,157,491	18,396,291
Corporate stock – preferred	5,492,499	198,449
Corporate stock – common	262,844	9,497
State and foreign bonds	20,782,179	750,878
Registered investment companies	89,524,190	3,234,585
Collateral held under securities lending agreement	8,136,524	293,979
Collective trusts	365,243,770	13,196,567
Partnership/joint venture interests	147,339,058	5,323,485
103-12 investment entities	101,551	3,669
Total investments	1,356,562,078	49,013,737
Interest receivables	5,986,510	216,298
Receivable for investments sold	49,672,519	1,794,710
Total assets	1,412,221,107	51,024,745
Payable for investment purchased	(98,571,272)	(3,561,465)
Obligation to return securities lending collateral	(8,136,525)	(293,979)
Total net assets	<u>\$ 1,305,513,310</u>	<u>\$ 47,169,301</u>

Cash Balance Pension Plan for Certain Represented
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Notes to Financial Statements (continued)

4. Investments (continued)

The following table presents the net appreciation in fair value of investments and investment income of the Master Trust as of December 31, 2020:

Net appreciation in fair value of investments	\$ 23,978,232
Investment income	15,760,032

5. Fair Value Measurements

The fair value framework establishes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The fair value hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets and liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described below:

- Level 1 – Unadjusted quoted prices in active markets that are accessible to the reporting entity at the measurement date for identical assets and liabilities.
- Level 2 – Inputs other than quoted prices in active markets for identical assets and liabilities that are observable either directly or indirectly for substantially the full term of the asset or liability. Level 2 inputs include the following:
 - Quoted prices for similar assets and liabilities in active markets
 - Quoted prices for identical or similar assets or liabilities in markets that are not active
 - Observable inputs other than quoted prices that are used in the valuation of the asset or liabilities (e.g., interest rate and yield curve quotes at commonly quoted intervals)
 - Inputs that are derived principally from or corroborated by observable market data by correlation or other means
- Level 3 – Unobservable inputs for the asset or liability (i.e., supported by little or no market activity). Level 3 inputs include management's own assumptions about the assumptions that market participants would use in pricing the asset or liability (including assumptions about risk).

Cash Balance Pension Plan for Certain Represented
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Notes to Financial Statements (continued)

5. Fair Value Measurements (continued)

The level in the fair value hierarchy within which the fair value measurement is classified is determined based on the lowest level input that is significant to the fair value measure in its entirety.

Following is a description of the valuation techniques and inputs used for each general type of investment measured at fair value at December 31, 2020:

Money market funds are valued based on quoted market prices which represent the net asset value (NAV) of shares held by the Plan at year-end. The NAV is a quoted price in an active market.

Collective investment funds are valued at net asset value as a practical expedient.

The following tables set forth, by fair value hierarchy level, the Master Trust's assets carried at fair value at December 31, 2020:

	Level 1	Level 2	Level 3	Total
Money market funds	\$ 7,335	\$ –	\$ –	\$ 7,335
Total assets at fair value	<u>\$ 7,335</u>	<u>\$ –</u>	<u>\$ –</u>	<u>7,335</u>
Collective investment fund ^(a)				13,246,825
Collective investment fund ^(b)				9,704,596
Collective investment fund ^(c)				6,118,748
Collective investment fund ^(d)				6,066,013
Collective investment fund ^(c)				<u>2,138,831</u>
Total collective investment funds				<u>37,275,013</u>
Total investments				<u><u>\$ 37,282,348</u></u>

^(a)These collective investment funds' objective is to provide long-term total return, comprised primarily of capital appreciation and investment income. To pursue its goal, these funds generally invest in domestic and foreign mutual funds. These investments are valued daily and have a redemption period of up to 15 days.

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
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Notes to Financial Statements (continued)

5. Fair Value Measurements (continued)

- ^(b)This collective investment fund's objective is to maximize long-term total return, consistent with prudent investment management. This investment is valued daily and has a redemption period up to 15 days.
- ^(c)This collective investment fund seeks long-term capital growth through matching, as closely as possible, the return of the S&P 500 Index. To pursue its goal, this fund invests in indexed bank collective funds. This investment is valued daily and has a redemption period of up to 15 days.
- ^(d)This collective investment fund seeks to match the total return of the Barclays U.S. Aggregate Bond Index. To pursue its goal, this fund invests in indexed bank collective funds. This investment is valued daily and has a redemption period of up to 15 days.
- ^(e)This collective investment fund seeks to generate a return to approximate a custom benchmark index, which consists of 15% Dow Jones U.S. Select REIT Index SM, 25% Bloomberg Roll Select Commodity Index SM, 25% S&P Global Large MidCap Commodity and Resource Index, 25% Bloomberg Barclays US Treasury Inflation Protected Securities Index, and 10% S&P Global Infrastructure Index. To pursue its goal, this fund invests in other common collective trusts. This investment is valued daily and has a redemption period of up to 7 days.

Following is a description of the valuation techniques and inputs used for each general type of investment measured at fair value at December 31, 2019:

- Interest-bearing cash valued at Level 2 primarily consists of cash collateral deposits with clearing financial institutions.
- Corporate bonds are valued using pricing models, maximizing the use of observable inputs for similar securities. This includes basing value on yields currently available on comparable section of issuers with similar credit ratings.
- State and foreign bonds valued at Level 1 are valued at the closing price reported on the active markets on which the individual securities are traded, and securities valued at Level 2 are valued using pricing models, maximizing the use of observable inputs for similar securities.

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
(formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.)

Notes to Financial Statements (continued)

5. Fair Value Measurements (continued)

- U.S. Government securities valued at Level 1 are valued at the closing price reported on the active markets on which the individual securities are traded, and securities valued at Level 2 are valued using pricing models, maximizing the use of observable inputs for similar securities.
- Corporate stocks valued at Level 1 are valued at the closing price reported on the active markets on which the individual securities are traded, and securities valued at Level 2 are valued using the closing price reported on the inactive market.
- Registered investment companies are valued at the net asset value (NAV), based on quoted market prices in active markets, of shares held by the Plan at year-end.
- Collective trusts, partnership/joint venture interests, and 103-12 investment entities are valued at net asset value as the practical expedient and reported by the respective fund managers is based upon the fair value of the underlying investments less liabilities.

Cash Balance Pension Plan for Certain Represented
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Notes to Financial Statements (continued)

5. Fair Value Measurements (continued)

The following tables set forth, by fair value hierarchy level, the Master Trust's assets carried at fair value at December 31, 2019:

	Level 1	Level 2	Level 3	Total
Interest-bearing cash	\$ —	\$ 1,570,000	\$ —	\$ 1,570,000
U.S. Government securities	170,898,993	38,052,979	—	208,951,972
Corporate bonds	—	509,157,491	—	509,157,491
Corporate stock – preferred	—	5,492,499	—	5,492,499
Corporate stock – common	262,844	—	—	262,844
State and foreign bonds	74,051	20,708,128	—	20,782,179
Registered investment companies	89,524,190	—	—	89,524,190
Collateral held under securities lending agreement	8,136,524	—	—	8,136,524
	<u>\$ 268,896,602</u>	<u>\$ 574,981,097</u>	<u>\$ —</u>	<u>843,877,699</u>

Investments measured at net
asset value:

Partnership/joint venture interests	147,339,058
Collective trusts	365,243,770
103-12 investment entities	101,551
Total assets at fair value	<u>\$1,356,562,078</u>

In accordance with ASC 820, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in Note 4.

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
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Notes to Financial Statements (continued)

5. Fair Value Measurements (continued)

The following table summarizes investments measured at fair value based on the NAV per share practical expedient as of December 31, 2019:

	Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Partnership/joint venture interests ^(a)	\$ 147,339,058	\$ —	Monthly	30–60 days
Collective trusts ^(b)	365,243,770	—	Monthly	31–60 days
103-12 investment entities ^(c)	101,551	—	N/A	N/A
	\$ 512,684,379	\$ —		

^(a)The partnership/joint venture interests investments are invested within alternative investments, such as private equity and fund of funds. The investment objective of these investments is to achieve longer term growth of capital, which does so with limited liquidity. Within the limited partnerships, there is also a limited partnership that has an investment objective of seeking to outperform the S&P 500. This fund does require monthly notice to provide liquidity.

^(b)The collective trust investments include an international equity fund and emerging market fixed income bond fund. The investment objective of the international equity fund is to seek capital appreciation through investments in a portfolio of securities issued by companies predominantly in companies contained in the MSCI EAFE Index. The investment objective of the emerging market fixed income fund is to seek long-term total return through investment in a diversified portfolio of emerging markets debt securities and currency instruments.

^(c)The 103-12 investment entities are invested in alternative investments with specific requirements under ERISA. The investment objective of these investments is to achieve longer term growth of capital, which does so with limited liquidity.

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
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Notes to Financial Statements (continued)

5. Fair Value Measurements (continued)

Securities Lending

As of and for the year ended December 31, 2019, the Master Trust participated in the BNY Mellon's securities lending program for securities held in custody at the trustee. These securities are lent to certain unrelated third-party brokers in exchange for collateral, usually in the form of cash. Collateralization levels are equal to a percentage of the market value of the borrowed securities. For U.S. securities, collateral shall not be less than 102% of the fair value of the loaned securities, and for non-U.S. securities, collateral shall not be less than 105% of the fair value of the loaned securities unless it is denominated in the same currency as the collateral, in which case it will be 102% of the fair value. Collateral received is invested in overnight cash deposits and U.S. Government securities managed by BNY Mellon. The value of loaned securities in the Master Trust amounted to approximately \$7,948,000 at December 31, 2019. The realized gain from securities lending activities of \$24,000 for the year ended December 31, 2019.

Derivatives

Prior to January 1, 2020, the Plan (through the Master Trust) could enter into foreign currency forward exchange contracts primarily to hedge against foreign currency exchange rate risks on its non-U.S. dollar denominated investment securities. When entering into a forward currency contract, the Plan agrees to receive or deliver a fixed quantity of foreign currency for an agreed-upon price on an agreed future date. The Plan's net equity therein, representing unrealized gain or loss on the contracts, as measured by the difference between the forward foreign exchanges rates at the dates of entry in the contracts and the forward rates at the reporting date is included in the Master Trust's net assets. Realized and unrealized gains and losses are included in the Master Trust's net investment gain (loss). These instruments involve market risk, credit risk or both kinds of risks in excess of the amount recognized in the statement of net assets. Risks arise from the possible inability of counterparties to meet the terms of their contracts and movement in currency and securities values and interest rates.

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
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Notes to Financial Statements (continued)

5. Fair Value Measurements (continued)

At December 31, 2019, the Master Trust had the following foreign currency forward exchange contracts (in USD):

		Maturity Date	Total	CHF	EUR	GBP	JPY	HKD
Australia and New Zealand								
Banking Group	ANZ	15-Feb-20	\$ (1,198)	\$ —	\$ —	\$ —	\$ —	(1,198)
Citibank NA	CTL	15-Feb-20	(44,306)	—	—	(44,306)	—	—
Goldman Sachs International	GSL	15-Feb-20	(367)	(367)	—	—	—	—
JP Morgan Chase	CML	15-Feb-20	(160,670)	—	(134,242)	(26,428)	—	—
HSBC Bank plc	MDL	15-Feb-20	(256,457)	7,494	—	(263,951)	—	—
Royal Bank of Canada	RBL	15-Feb-20	(54,204)	—	(53,131)	—	—	(1,073)
Westpac Banking Corporation	WPL	15-Feb-20	(171,436)	(98,299)	(134,388)	64,131	(2,880)	—
Total fair value of forward contracts as of December 31, 2019			<u>\$ (688,638)</u>	<u>\$ (91,172)</u>	<u>\$ (321,761)</u>	<u>\$ (270,554)</u>	<u>\$ (2,880)</u>	<u>\$ (2,271)</u>

Cash Balance Pension Plan for Certain Represented
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Notes to Financial Statements (continued)

5. Fair Value Measurements (continued)

The fair value of the foreign currency forward exchange contracts, none of which are accounted for as hedge instruments under FASB ASC 815, *Derivatives and Hedging*, are included in the Master Trust's net assets under state and foreign bonds. The realized gain (loss) from foreign currency forward exchange contracts was \$755,000 for the year ended December 31, 2019.

Master Netting Agreements

The Master Trust was subject to master netting agreements, or netting arrangements, with certain counterparties. These agreements govern the terms of certain transactions and reduce the counterparty risk associated with relevant transactions by specifying offsetting mechanisms and collateral posting arrangements at pre-arranged exposure levels. Since different types of transactions have different mechanics and are sometimes traded out of different legal entities of a particular counterparty organization, each type of transaction may be covered by a different master netting arrangement, possibly resulting in the need for multiple agreements with a single counterparty. Master netting agreements are specific to each different asset type; therefore, they allow the Company to close out and net its total exposure to a specified counterparty in the event of a default with respect to any and all the transactions governed under a single agreement with the counterparty.

Cash Balance Pension Plan for Certain Represented
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Notes to Financial Statements (continued)

5. Fair Value Measurements (continued)

The following is a summary by counterparty of the Master Trust's net exposure to derivative assets and liabilities, by financial instrument type, available for offset and net of collateral under a netting agreement at December 31, 2019:

	Fair Value of Derivative Assets	Fair Value of Derivative Liabilities	Net Exposure
Foreign currency contracts:			
Australia and New Zealand Banking Group	\$ —	\$ (1,198)	\$ (1,198)
Citibank NA	—	(44,306)	(44,306)
Goldman Sachs International	—	(367)	(367)
JP Morgan Chase	—	(160,671)	(160,671)
HSBC Bank plc	7,494	(263,951)	(256,457)
Royal Bank of Canada	—	(54,204)	(54,204)
Westpac Banking Corporation	64,131	(235,566)	(171,435)
Total	<u>\$ 71,625</u>	<u>\$ (760,263)</u>	<u>\$ (688,638)</u>

6. Tax Status

The Plan has received a determination letter from the Internal Revenue Service (IRS), dated February 3, 2021, stating that the Plan is qualified under Section 401(a) of the Internal Revenue Code (the Code) and, therefore, the related trust is exempt from taxation.

Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualified status. The plan administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes the Plan is qualified and the related trust and Master Trust are tax-exempt.

Cash Balance Pension Plan for Certain Represented
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Notes to Financial Statements (continued)

6. Tax Status (continued)

Accounting principles generally accepted in the United States require plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. Plan management has analyzed the tax positions taken by the Plan, and has concluded that there are no uncertain positions taken or expected to be taken. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

7. Party-in-Interest Transactions

Through June 30, 2020, the Bank of New York Mellon/BNY Mellon, N.A. was the trustee of the Plan. Effective July 1, 2020, the Plan changed trustee from the Bank of New York Mellon/BNY Mellon, N.A. to U.S. Bank National Association. Alight Solutions, Inc. is the Plan's recordkeeper. Transactions between the Plan and recordkeeper and trustees qualify as party-in-interest transactions; however, they are exempt from the prohibited transaction rules under ERISA.

8. Administrative Expenses

Certain administrative expenses are paid by the Company on behalf of the Plan. Expenses that are paid directly by the Company are excluded from these financial statements.

9. Risks and Uncertainties

The Plan and the Master Trust invest in various investment securities. Investment securities are exposed to various risks, such as interest rate, market volatility, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that those changes could materially affect the amounts reported in the statements of net assets available for benefits.

Plan contributions are made and the actuarial present value of accumulated plan benefits are reported, based on certain assumptions pertaining to interest rates, inflation rates, and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimation and assumption processes, it is at least reasonably possible that changes in these estimates and assumptions in the near term could materially affect the amounts reported and disclosed in the financial statements.

Cash Balance Pension Plan for Certain Represented
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Notes to Financial Statements (continued)

10. Subsequent Events

Management evaluated subsequent events for the Plan through October 5, 2021, the date the financial statements were available to be issued.

Supplemental Schedule

Cash Balance Pension Plan for Certain Represented
Employees of ABB Enterprise Software Inc.
(formerly Cash Balance Pension Plan for Certain Represented Employees of ABB Inc.)

EIN 94-3273443; Plan #321

Schedule G, Part III – Schedule of Nonexempt Transactions

Year Ended December 31, 2020

(a) Identify of Party Involved	(b) Relationships to Plan, Employer, or Other Party in Interest	(c) Description of Transacts, Including Maturity Date, Rate of Interest, Collateral, and Par or Maturity	(d) Purchase Price	(e) Selling Price	(f) Lease Rental	(g) Expenses Incurred in Connection Transaction	(h) Cost of Asset	(i) Value of Asset	(j) Net Gain (Loss) on Each Transaction
ABB Enterprise Software Inc.	Plan Sponsor	Use of Plan assets for administrative expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,439	\$ -

A prohibited transaction occurred when certain Plan assets were used to pay employee services performed for the Plan for the years 2015 to 2020. The Company corrected the matter by reimbursing the Master Trust in 2020 and filed Form 5330 with the IRS to remit the excise taxes related to this prohibited transaction.

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SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26 Schedule of Active Participant Data as of January 1, 2020

Attained Age	Attained Years of Credited Service ¹										Total
	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
Under 25	8	0	0	0	0	0	0	0	0	0	8
25-29	20	10	0	0	0	0	0	0	0	0	30
30-34	14	6	3	0	0	0	0	0	0	0	23
35-39	9	11	7	3	2	0	0	0	0	0	32
40-44	10	10	8	4	25	10	0	0	0	0	67
45-49	9	10	11	4	20	9	0	0	0	0	63
50-54	8	3	7	6	17	17	7	4	0	0	69
55-59	7	1	8	6	11	10	7	26	4	0	80
60-64	2	0	5	3	4	9	2	7	39	7	78
65-69	1	2	3	2	0	5	1	1	9	14	38
70 & over	0	0	0	0	0	1	0	1	0	3	5
Total	88	53	52	28	79	61	17	39	52	24	493

¹ Age and service for purposes of determining category are based on exact (not rounded) values.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
 EIN / PN: 94-3273443 / 321
 Plan Sponsor: ABB Enterprise Software Inc.
 Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Economic Assumptions

Interest rate basis:

- | | |
|-----------------------|-----------------|
| ■ Applicable month | September |
| ■ Interest rate basis | 3-Segment Rates |

Interest rates:

	Reflecting Corridors	Not Reflecting Corridors
■ First segment rate	3.64%	2.79%
■ Second segment rate	5.21%	3.92%
■ Third segment rate	5.94%	4.38%
■ Effective interest rate	5.08%	3.85%

Annual rates of increase

- | | |
|--|-------|
| ■ Inflation (CPI): | 1.75% |
| ■ Compensation: | 3.25% |
| ■ Future Social Security wage bases: | 2.75% |
| ■ Statutory limits on compensation and benefits: | N/A |

Plan-related expenses	\$0
------------------------------	-----

Interest crediting rate	4.00% for 2020 and 4.75% per year thereafter.
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Plan Name:	Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN:	94-3273443 / 321
Plan Sponsor:	ABB Enterprise Software Inc.
Valuation Date:	January 1, 2020

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion date The valuation date coincident with or next following the date on which the employee becomes a participant.

New or rehired employees It was assumed there will be no new or rehired employees.

Mortality

■ Healthy Separate rates for non-annuitants (based on RP-2014 "Employees" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2018) and annuitants (based on RP-2014 "Healthy Annuitants" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2018).

■ Disabled Alternative disabled life mortality tables as defined under Revenue Ruling 96-7.

Termination Representative Termination rates not due to Disability, Retirement, and Mortality are as follows:

Percentage terminating during the year	
Attained Age	Rate
20	4.3%
25	3.4%
30	2.7%
35	2.2%
40	1.7%
45	1.4%
50	1.1%
55	0.8%
60	0.6%
65 and Later	Not Applicable

Disability One-half of the disability rates in the twelfth valuation of the Railroad Retirement Board (set forward 1 year for males and set back 4 years for females).

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
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Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Retirement

For purposes of determining the Funding Target and Target Normal Cost (both disregarding at-risk assumptions), the rates at which participants retire by age are shown below.

Percentage retiring during the year	
Age	Rate
55	4.00%
56	5.00%
57-59	6.00%
60	7.00%
61	10.00%
62	12.00%
63	13.00%
64	16.00%
65-69	30.00%
70	100.00%

Age 65 for terminated vested participants.

Benefit commencement date:

- Preretirement death benefit The later of the death of the active participant or the date the participant would have attained eligibility for early retirement benefits.
- Deferred vested benefit Upon termination of employment, if assumed to elect a lump sum benefit, and at age 65 if assumed to elect an annuity benefit.
- Disability benefit Age 65 for participants who are continuing to receive benefits under the plan; upon disability for all participants with frozen benefits.
- Retirement benefit Upon termination of employment.

Form of payment

70% of eligible participants are assumed to elect a lump sum benefit and 30% are assumed to elect a 5-year certain annuity.

Annuities were calculated from the cash balance accounts using the required methodology in IRS Regulation 1.430(d)-1(f)(5).

Percent married

For purposes of valuing the pre-retirement surviving spouse benefit, 70% of deferred vested participants are assumed to be married.

Spouse age

For purposes of valuing the pre-retirement surviving spouse benefit, wife three years younger than husband.

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EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Covered pay	Assumed plan compensation for the year beginning on the valuation date was determined as the actual pensionable pay earned during the prior plan year, adjusted by one full year of salary scale or the base pay rate adjusted by one-half year of salary scale, if greater.
Timing of benefit payments	Lump sum payments are assumed to be paid upon termination for active employees, and at the assumed retirement age for deferred vested employees. Annuity payments are assumed to be made uniformly throughout the year and, on average, at mid-year.

Methods

Valuation date	First day of plan year.
Funding target	Present value of accrued benefits as required by regulations under IRC §430.
Target normal cost	Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year as required by regulations under IRC §430.
Actuarial value of assets	<p>Average of the fair market value of assets on the valuation date and 12 and 24 months preceding the valuation date, adjusted for contributions, benefits, plan-related expenses and expected earnings (with such expected earnings limited as described in IRS Notice 2009-22). The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the prior plan year).</p> <p>The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a significant bias to produce an actuarial value of assets that is below the market value of assets.</p> <p>For purposes of calculating the actuarial value of assets, expected earnings assumptions of 5.80% for 2019 and 2018.</p>

Plan Name:	Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN:	94-3273443 / 321
Plan Sponsor:	ABB Enterprise Software Inc.
Valuation Date:	January 1, 2020

SCHEDULE SB ATTACHMENTS

Benefits not valued

All benefits described in the Plan Provisions section of this report were valued. Willis Towers Watson has reviewed the plan provisions with ABB Enterprise Software Inc. and, based on that review, is not aware of any significant benefits required to be valued that were not.

Sources of Data and Other Information

The plan sponsor through its third party administrator, furnished participant data as of 1/1/2020. Information on assets, contributions and plan provisions was supplied by the plan sponsor. Data and other information were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the plan sponsor, assumptions or estimates were made when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date.

We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.

Assumptions Rationale - Significant Economic Assumptions

Interest rate

The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.

Plan-related expenses

The plan sponsor does not anticipate paying any plan related expenses from the trust during the 2020 plan year.

Inflation (CPI)

This assumption was chosen based on duration weighted swap data provided by Bloomberg as of December 31, 2019.

Social security wage base

This assumption was selected based on future expectations of CPI of 1.75%, plus real wages (the portion of GDP increases that becomes part of real wages) of 1.00%, for a total of 2.75%.

Compensation

This assumption was selected based on future expectations of the following components: CPI increases of 1.75%, plus real wage increases of 1.00%, plus promotion and merit increases of 0.50%, for a total of 3.25%.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Interest crediting rate	<p>The plan credits interest on the cash balance accounts primarily using CPI plus 300 basis points, limited to the 417(e) third segment rate for August of the previous year, but with a minimum interest crediting rate of 4% and a maximum interest crediting rate of 9%. The assumption selected by the plan sponsor is the actual interest crediting rate for 2019 and an assumed interest crediting rate assumption thereafter. Based on future expectations, the assumed interest crediting rate for 2020 and beyond for the ABB ES Represented Cash Balance Plan is equal to CPI plus 300 basis points, for a total of 4.75%.</p> <p>After examining the historical variability in these rates, and considering the impact of the minimum and maximum rates, we believe that the assumptions selected do not significantly conflict with what would be reasonable based on market conditions as of the measurement date.</p>
Annuity conversion rate	<p>As required by IRC 430, annuity benefits were calculated from the cash balance accounts using the current required IRC 430 conversion rates.</p>
Assumed return for asset smoothing	<p>The assumed return of 5.80% used for asset smoothing is the expected return on assets assumption chosen by the plan sponsor for the prior plan year and we concur with this assumption.</p>

Assumptions Rationale - Significant Demographic Assumptions

Healthy mortality	<p>Assumptions used for funding purposes are as prescribed by IRC §430(h).</p>
Disabled mortality	<p>Assumptions used for funding purposes are as prescribed by IRC §430(h).</p>
Termination	<p>Termination rates were selected based on a published table for pension participants believed to have similar characteristics to the plan population.</p>
Disability	<p>Disability rates were selected based on a published table for pension participants believed to have similar characteristics to the plan population.</p>

Plan Name:	Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN:	94-3273443 / 321
Plan Sponsor:	ABB Enterprise Software Inc.
Valuation Date:	January 1, 2020

SCHEDULE SB ATTACHMENTS

Retirement Retirement rates were based on plan sponsor expectations for the future with periodic monitoring of observed gains and losses caused by retirement patterns different than assumed.

Percent married The assumed percentage married was selected based on general population statistics on the marital rates of individuals of retirement age.

Source of Prescribed Methods

Funding methods The methods used for funding purposes, including the method of determining plan assets, are "prescribed methods set by law", as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.

Changes in Assumptions and Methods

Change in assumptions and methods since prior valuation In addition to the prescribed change in the mortality table, the following changes in assumptions were made as part of this valuation:

- The plan's effective interest rate decreased 27 basis points compared to the prior year (5.08% vs. 5.35%).
- The assumed plan-related expenses added to the target normal cost changed from \$160,000 for 2019 to \$0 for 2020.
- The interest crediting rate assumption changed from 4.46% in 2019 and 5.50% thereafter to 4.00% in 2020 and 4.75% thereafter.
- The CPI assumption was changed from 2.50% to 1.75%, which also resulted in changes to the Social Security Wage Base assumption from 3.50% to 2.75% and the Compensation assumption from 4.00% to 3.25%.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

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.	<small>OMB No. 1210-0110</small> 2020 This Form is Open to Public Inspection
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020

► **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 Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.	B Three-digit plan number (PN) ►	321
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF ABB Enterprise Software (AES)	D Employer Identification Number (EIN) 94-3273443	
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>01</u> Day <u>01</u> Year <u>2020</u>			
2	Assets:			
	a Market value	2a	36,604,975	
	b Actuarial value	2b	35,272,316	
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	0	0	0
	c For active participants	493	32,596,736	34,498,526
	d Total	493	32,596,736	34,498,526
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	5.08%	
6	Target normal cost	6	991,504	

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	Michael A. Holderman Signature of actuary	<div style="text-align: right; color: blue;">09/21/2021</div> Date 2006979
	Michael A. Holderman Type or print name of actuary	Most recent enrollment number 704-620-6513
	Willis Towers Watson US LLC Firm name	Telephone number (including area code)
	1 Bank of America Center 150 North College Street Charlotte NC 28202 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) 2020
v. 200204**

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	1,480,863
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	1,269,232
9 Amount remaining (line 7 minus line 8)	0	211,631
10 Interest on line 9 using prior year's actual return of <u>16.07%</u>	0	34,009
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		0
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>5.35%</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		0
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	68,707
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	176,933

Part III	Funding Percentages
----------	---------------------

14	Funding target attainment percentage.....	14	101.73%
15	Adjusted funding target attainment percentage.....	15	102.24%
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	100.04%
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		
09/03/2021	430,000	0					
			Totals ►	18(b)	430,000	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	395,806

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:	<div style="display: flex; justify-content: space-around;"> <div>1st segment: 3.64 %</div> <div>2nd segment: 5.21 %</div> <div>3rd segment: 5.94 %</div> </div>	☐ N/A, full yield curve used
b	Applicable month (enter code).....		21b 4
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 991,504
b	Excess assets, if applicable, but not greater than line 31a		31b 596,857
32	Amortization installments:	Outstanding Balance	Installment
a	Net shortfall amortization installment	0	0
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).....		34 394,647
	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).....		36 394,647
37	Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....		37 395,806
38	Present value of excess contributions for current year (see instructions)		
a	Total (excess, if any, of line 37 over line 36)		38a 1,159
b	Portion included in line 38a attributable to use of prefunding and funding standard carryover balances		38b 0
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		

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	ABB Enterprise Software Inc.
EIN/PN	94-3273443 / 321
Plan Name	Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
Valuation Date	January 1, 2020
Enrolled Actuary	Michael A. Holderman
Enrollment Number	20-06979

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2020

The average retirement age for Line 22 was calculated by creating a hypothetical life table with retirement as the only decrement, and then computing the average retirement age for the table.

Age	Retirement Rates	Lives at each Age	Retirements at each Age	Weighted Avg Age
55	4.00%	1.000000	0.040000	2.20
56	5.00%	0.960000	0.048000	2.69
57	6.00%	0.912000	0.054720	3.12
58	6.00%	0.857280	0.051437	2.98
59	6.00%	0.805843	0.048351	2.85
60	7.00%	0.757493	0.053024	3.18
61	10.00%	0.704468	0.070447	4.30
62	12.00%	0.634021	0.076083	4.72
63	13.00%	0.557939	0.072532	4.57
64	16.00%	0.485407	0.077665	4.97
65	30.00%	0.407742	0.122322	7.95
66	30.00%	0.285419	0.085626	5.65
67	30.00%	0.199793	0.059938	4.02
68	30.00%	0.139855	0.041957	2.85
69	30.00%	0.097899	0.029370	2.03
70	100.00%	0.068529	0.068529	4.80
Average age at retirement				62.87
Nearest whole age				63.00

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
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SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Economic Assumptions

Interest rate basis:

■ Applicable month	September
■ Interest rate basis	3-Segment Rates

Interest rates:

	Reflecting Corridors	Not Reflecting Corridors
■ First segment rate	3.64%	2.79%
■ Second segment rate	5.21%	3.92%
■ Third segment rate	5.94%	4.38%
■ Effective interest rate	5.08%	3.85%

Annual rates of increase

■ Inflation (CPI):	1.75%
■ Compensation:	3.25%
■ Future Social Security wage bases:	2.75%
■ Statutory limits on compensation and benefits:	N/A

Plan-related expenses \$0

Interest crediting rate 4.00% for 2020 and 4.75% per year thereafter.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
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SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion date The valuation date coincident with or next following the date on which the employee becomes a participant.

New or rehired employees It was assumed there will be no new or rehired employees.

Mortality

■ **Healthy** Separate rates for non-annuitants (based on RP-2014 "Employees" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2018) and annuitants (based on RP-2014 "Healthy Annuitants" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2018).

■ **Disabled** Alternative disabled life mortality tables as defined under Revenue Ruling 96-7.

Termination Representative Termination rates not due to Disability, Retirement, and Mortality are as follows:

Percentage terminating during the year	
Attained Age	Rate
20	4.3%
25	3.4%
30	2.7%
35	2.2%
40	1.7%
45	1.4%
50	1.1%
55	0.8%
60	0.6%
65 and Later	Not Applicable

Disability One-half of the disability rates in the twelfth valuation of the Railroad Retirement Board (set forward 1 year for males and set back 4 years for females).

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
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SCHEDULE SB ATTACHMENTS

Retirement

For purposes of determining the Funding Target and Target Normal Cost (both disregarding at-risk assumptions), the rates at which participants retire by age are shown below.

Percentage retiring during the year	
Age	Rate
55	4.00%
56	5.00%
57-59	6.00%
60	7.00%
61	10.00%
62	12.00%
63	13.00%
64	16.00%
65-69	30.00%
70	100.00%

Age 65 for terminated vested participants.

Benefit commencement date:

- Preretirement death benefit The later of the death of the active participant or the date the participant would have attained eligibility for early retirement benefits.
- Deferred vested benefit Upon termination of employment, if assumed to elect a lump sum benefit, and at age 65 if assumed to elect an annuity benefit.
- Disability benefit Age 65 for participants who are continuing to receive benefits under the plan; upon disability for all participants with frozen benefits.
- Retirement benefit Upon termination of employment.

Form of payment

70% of eligible participants are assumed to elect a lump sum benefit and 30% are assumed to elect a 5-year certain annuity.

Annuities were calculated from the cash balance accounts using the required methodology in IRS Regulation 1.430(d)-1(f)(5).

Percent married

For purposes of valuing the pre-retirement surviving spouse benefit, 70% of deferred vested participants are assumed to be married.

Spouse age

For purposes of valuing the pre-retirement surviving spouse benefit, wife three years younger than husband.

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SCHEDULE SB ATTACHMENTS

Covered pay Assumed plan compensation for the year beginning on the valuation date was determined as the actual pensionable pay earned during the prior plan year, adjusted by one full year of salary scale or the base pay rate adjusted by one-half year of salary scale, if greater.

Timing of benefit payments Lump sum payments are assumed to be paid upon termination for active employees, and at the assumed retirement age for deferred vested employees. Annuity payments are assumed to be made uniformly throughout the year and, on average, at mid-year.

Methods

Valuation date First day of plan year.

Funding target Present value of accrued benefits as required by regulations under IRC §430.

Target normal cost Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year as required by regulations under IRC §430.

Actuarial value of assets Average of the fair market value of assets on the valuation date and 12 and 24 months preceding the valuation date, adjusted for contributions, benefits, plan-related expenses and expected earnings (with such expected earnings limited as described in IRS Notice 2009-22). The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the prior plan year).

The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a significant bias to produce an actuarial value of assets that is below the market value of assets.

For purposes of calculating the actuarial value of assets, expected earnings assumptions of 5.80% for 2019 and 2018.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Benefits not valued

All benefits described in the Plan Provisions section of this report were valued. Willis Towers Watson has reviewed the plan provisions with ABB Enterprise Software Inc. and, based on that review, is not aware of any significant benefits required to be valued that were not.

Sources of Data and Other Information

The plan sponsor through its third party administrator, furnished participant data as of 1/1/2020. Information on assets, contributions and plan provisions was supplied by the plan sponsor. Data and other information were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the plan sponsor, assumptions or estimates were made when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date.

We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.

Assumptions Rationale - Significant Economic Assumptions

Interest rate

The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.

Plan-related expenses

The plan sponsor does not anticipate paying any plan related expenses from the trust during the 2020 plan year.

Inflation (CPI)

This assumption was chosen based on duration weighted swap data provided by Bloomberg as of December 31, 2019.

Social security wage base

This assumption was selected based on future expectations of CPI of 1.75%, plus real wages (the portion of GDP increases that becomes part of real wages) of 1.00%, for a total of 2.75%.

Compensation

This assumption was selected based on future expectations of the following components: CPI increases of 1.75%, plus real wage increases of 1.00%, plus promotion and merit increases of 0.50%, for a total of 3.25%.

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EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Interest crediting rate	<p>The plan credits interest on the cash balance accounts primarily using CPI plus 300 basis points, limited to the 417(e) third segment rate for August of the previous year, but with a minimum interest crediting rate of 4% and a maximum interest crediting rate of 9%. The assumption selected by the plan sponsor is the actual interest crediting rate for 2019 and an assumed interest crediting rate assumption thereafter. Based on future expectations, the assumed interest crediting rate for 2020 and beyond for the ABB ES Represented Cash Balance Plan is equal to CPI plus 300 basis points, for a total of 4.75%.</p> <p>After examining the historical variability in these rates, and considering the impact of the minimum and maximum rates, we believe that the assumptions selected do not significantly conflict with what would be reasonable based on market conditions as of the measurement date.</p>
Annuity conversion rate	<p>As required by IRC 430, annuity benefits were calculated from the cash balance accounts using the current required IRC 430 conversion rates.</p>
Assumed return for asset smoothing	<p>The assumed return of 5.80% used for asset smoothing is the expected return on assets assumption chosen by the plan sponsor for the prior plan year and we concur with this assumption.</p>

Assumptions Rationale - Significant Demographic Assumptions

Healthy mortality	<p>Assumptions used for funding purposes are as prescribed by IRC §430(h).</p>
Disabled mortality	<p>Assumptions used for funding purposes are as prescribed by IRC §430(h).</p>
Termination	<p>Termination rates were selected based on a published table for pension participants believed to have similar characteristics to the plan population.</p>
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Retirement Retirement rates were based on plan sponsor expectations for the future with periodic monitoring of observed gains and losses caused by retirement patterns different than assumed.

Percent married The assumed percentage married was selected based on general population statistics on the marital rates of individuals of retirement age.

Source of Prescribed Methods

Funding methods The methods used for funding purposes, including the method of determining plan assets, are “prescribed methods set by law”, as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.

Changes in Assumptions and Methods

Change in assumptions and methods since prior valuation In addition to the prescribed change in the mortality table, the following changes in assumptions were made as part of this valuation:

- The plan’s effective interest rate decreased 27 basis points compared to the prior year (5.08% vs. 5.35%).
- The assumed plan-related expenses added to the target normal cost changed from \$160,000 for 2019 to \$0 for 2020.
- The interest crediting rate assumption changed from 4.46% in 2019 and 5.50% thereafter to 4.00% in 2020 and 4.75% thereafter.
- The CPI assumption was changed from 2.50% to 1.75%, which also resulted in changes to the Social Security Wage Base assumption from 3.50% to 2.75% and the Compensation assumption from 4.00% to 3.25%.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 24 Change in Actuarial Assumptions

- The assumed plan-related expenses added to the target normal cost changed from \$160,000 for 2019 to \$0 for 2020.
- The interest crediting rate assumption changed from 4.46% in 2019 and 5.50% thereafter to 4.00% in 2020 and 4.75% thereafter.
- The CPI assumption was changed from 2.50% to 1.75%, which also resulted in changes to the Social Security Wage Base assumption from 3.50% to 2.75% and the Compensation assumption from 4.00% to 3.25%.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB
Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Summary of Plan Provisions

Plan Provisions

On December 31, 2019 the inactive participants of the plan were spun-off and merged into the ABB Inc. Cash Balance Pension Plan. Effective January 1, 2020, the plan was amended to change the plan sponsor from ABB Inc. to ABB Enterprise Software Inc. and the plan name to the Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.

Coverage and participation

Immediately upon employment in a participating collectively bargained unit. Accruals under the prior ABB plan were frozen as of December 31, 2016 for participants hired after December 31, 2011. There will be no new participants in the prior ABB plan after December 31, 2016.

As of January 1, 2020, all active participants of the former ABB Represented Cash Balance Plan are participants in the ABB ES Represented Cash Balance Plan.

Definitions

Vesting service 100% after 3 years of vesting service.

Normal retirement date (NRD) First day of the month coinciding with or next following attainment of age 65

Retirement benefit formula For each year of service, a member's account will be credited with the following percentage of salary:

Age	Percentage
Under 25	2.5%
25 - 29	3.0
30 - 34	3.5
35 - 39	4.0
40 - 44	4.5
45 - 49	5.0
50 - 54	5.5
55 - 59	6.0
60 and over	6.5

An additional 2.25% of salary in excess of one-half the Social Security Taxable Wage Base is credited each year

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Interest credits

Interest credits on each member's account balance in any year are equal to the Cost of Living Escalator Percentage, which is the highest Consumer Price Index rate for the months of August, September, and October of the previous year plus 300 basis points, but not less than 4% or greater than 9%, however, the resulting rate is limited to the greater of 4% and the 417(e) third segment rate for August of the previous year. The Percentage was 8% for the plan years beginning July 1, 1999 through January 1, 2001. The Percentage was 6.7% for the plan year beginning January 1, 2002, 5.93% for the plan year beginning January 1, 2003, 6.00% for the plan year beginning January 1, 2004, 6.20% for the plan year beginning January 1, 2005, 7.70% for the plan year beginning January 1, 2006, 6.80% for the plan year beginning January 1, 2007, 6.50% for the plan year beginning January 1, 2008, 8.40% for the plan year beginning January 1, 2009, 4.00% for the plan year beginning January 1, 2010, 4.20% for the plan year beginning January 1, 2011, 6.90% for the plan year beginning January 1, 2012, 5.20% for the plan year beginning January 1, 2013, 4.50% for the plan year beginning January 1, 2014, 4.70% for the plan year beginning January 1, 2015, 4.00% for the plan year beginning January 1, 2016, 4.18% for the plan year beginning January 1, 2017, 4.36% for the plan year beginning January 1, 2018, 4.46% for the plan year beginning January 1, 2019, and 4.00% for the plan year beginning January 1, 2020.

Accrued benefit under prior plan

The accrued benefit under the plan prior to the Cash Balance Plan as of the date of conversion was converted to a lump sum amount as a beginning account balance. Such conversion was based upon an 8% interest rate for the January 1, 1994, January 1, 1992 and December 1, 1988 conversions, and 7.25% for December 1, 1989 conversions, and an assumed retirement age of 65.

Accrued monthly annuity benefit

Equal to a five-year certain and continuous annuity payable at age 65 that is actuarially equivalent to the account balance. In no event will the accrued benefit be less than the benefit accrued under the plan prior to the Cash Balance Plan as of the date of conversion.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Eligibility for Benefits

Normal retirement	First of month coinciding with or next following the attainment of age 65.
Early retirement	First day of the month following attainment of age 55 and completion of 5 years of service (age 55 for Combustion Engineering employees as of December 31, 1991)
Deferred vested termination	Termination for reasons other than death or retirement after completing three years of vesting service
Disability	Upon total and permanent disablement
Preretirement death benefit	Death while eligible for normal, early, postponed, or deferred vested retirement benefits

Benefits Paid Upon the Following Events

Normal retirement	A monthly annuity calculated in accordance with the Retirement Benefit Formula and payable as a Normal Form of Benefit.
Early retirement	A monthly annuity calculated in accordance with the Retirement Benefit Formula and payable as a Normal Form of Benefit at age 65, or payable earlier in an actuarially reduced amount.
Deferred vested termination	A monthly annuity calculated in accordance with the Retirement Benefit Formula and payable as a Normal Form of Benefit at age 65, or payable earlier in an actuarially reduced amount.
Disablement	A member shall be eligible for additional credits each year in accordance with the Retirement Benefit Formula, and Interest Credits based upon the member's salary in effect at the time of disability retirement. The additional credits shall cease upon the earlier of recovery or attainment of age 65. A member may elect to receive his accrued benefit at any time, at which time no further credits shall be granted.
Preretirement death	In the event of death of a vested employee prior to retirement, his beneficiary will be entitled to the actuarially equivalent lump sum value of the employee's accrued benefit. If the beneficiary is the employee's surviving spouse, an actuarially equivalent annuity may be received.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Other Plan Provisions

Form of payment

Normal Forms of Payment

- For a member who does not have a spouse, the automatic form of benefit is a monthly life annuity with a five-year certain feature.
- For married members, the automatic form of benefit is an actuarially equivalent 50% joint and survivor annuity with a five year certain feature. Alternatively, a member may elect to receive an actuarially equivalent lump sum

Forms of Payment in Lieu of Normal Forms

- Single Life Annuity
- Joint & Survivor Options (50%, 67%, 75%, 100%)
- Certain & Life (5, 10, 15, 20 years)
- Lump Sum

Changes in Benefits Valued Since Prior Year

On December 31, 2019 the inactive participants of the plan were spun-off and merged into the ABB Inc. Cash Balance Pension Plan. Effective January 1, 2020, the plan only contains active participants.

There have been no other changes in benefits valued since the prior year.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26 Schedule of Active Participant Data as of January 1, 2020

Attained Age	Attained Years of Credited Service ¹										Total
	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
Under 25	8	0	0	0	0	0	0	0	0	0	8
25-29	20	10	0	0	0	0	0	0	0	0	30
30-34	14	6	3	0	0	0	0	0	0	0	23
35-39	9	11	7	3	2	0	0	0	0	0	32
40-44	10	10	8	4	25	10	0	0	0	0	67
45-49	9	10	11	4	20	9	0	0	0	0	63
50-54	8	3	7	6	17	17	7	4	0	0	69
55-59	7	1	8	6	11	10	7	26	4	0	80
60-64	2	0	5	3	4	9	2	7	39	7	78
65-69	1	2	3	2	0	5	1	1	9	14	38
70 & over	0	0	0	0	0	1	0	1	0	3	5
Total	88	53	52	28	79	61	17	39	52	24	493

¹ Age and service for purposes of determining category are based on exact (not rounded) values.
Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22
Description of Weighted Average Retirement Age
as of January 1, 2020

The average retirement age for Line 22 was calculated by creating a hypothetical life table with retirement as the only decrement, and then computing the average retirement age for the table.

Age	Retirement Rates	Lives at each Age	Retirements at each Age	Weighted Avg Age
55	4.00%	1.000000	0.040000	2.20
56	5.00%	0.960000	0.048000	2.69
57	6.00%	0.912000	0.054720	3.12
58	6.00%	0.857280	0.051437	2.98
59	6.00%	0.805843	0.048351	2.85
60	7.00%	0.757493	0.053024	3.18
61	10.00%	0.704468	0.070447	4.30
62	12.00%	0.634021	0.076083	4.72
63	13.00%	0.557939	0.072532	4.57
64	16.00%	0.485407	0.077665	4.97
65	30.00%	0.407742	0.122322	7.95
66	30.00%	0.285419	0.085626	5.65
67	30.00%	0.199793	0.059938	4.02
68	30.00%	0.139855	0.041957	2.85
69	30.00%	0.097899	0.029370	2.03
70	100.00%	0.068529	0.068529	4.80
Average age at retirement				62.87
Nearest whole age				63.00

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	ABB Enterprise Software Inc.
EIN/PN	94-3273443 / 321
Plan Name	Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
Valuation Date	January 1, 2020
Enrolled Actuary	Michael A. Holderman
Enrollment Number	20-06979

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Summary of Plan Provisions

Plan Provisions

On December 31, 2019 the inactive participants of the plan were spun-off and merged into the ABB Inc. Cash Balance Pension Plan. Effective January 1, 2020, the plan was amended to change the plan sponsor from ABB Inc. to ABB Enterprise Software Inc. and the plan name to the Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.

Coverage and participation

Immediately upon employment in a participating collectively bargained unit. Accruals under the prior ABB plan were frozen as of December 31, 2016 for participants hired after December 31, 2011. There will be no new participants in the prior ABB plan after December 31, 2016.

As of January 1, 2020, all active participants of the former ABB Represented Cash Balance Plan are participants in the ABB ES Represented Cash Balance Plan.

Definitions

Vesting service 100% after 3 years of vesting service.

Normal retirement date (NRD) First day of the month coinciding with or next following attainment of age 65

Retirement benefit formula For each year of service, a member's account will be credited with the following percentage of salary:

Age	Percentage
Under 25	2.5%
25 - 29	3.0
30 - 34	3.5
35 - 39	4.0
40 - 44	4.5
45 - 49	5.0
50 - 54	5.5
55 - 59	6.0
60 and over	6.5

An additional 2.25% of salary in excess of one-half the Social Security Taxable Wage Base is credited each year

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Interest credits

Interest credits on each member's account balance in any year are equal to the Cost of Living Escalator Percentage, which is the highest Consumer Price Index rate for the months of August, September, and October of the previous year plus 300 basis points, but not less than 4% or greater than 9%, however, the resulting rate is limited to the greater of 4% and the 417(e) third segment rate for August of the previous year. The Percentage was 8% for the plan years beginning July 1, 1999 through January 1, 2001. The Percentage was 6.7% for the plan year beginning January 1, 2002, 5.93% for the plan year beginning January 1, 2003, 6.00% for the plan year beginning January 1, 2004, 6.20% for the plan year beginning January 1, 2005, 7.70% for the plan year beginning January 1, 2006, 6.80% for the plan year beginning January 1, 2007, 6.50% for the plan year beginning January 1, 2008, 8.40% for the plan year beginning January 1, 2009, 4.00% for the plan year beginning January 1, 2010, 4.20% for the plan year beginning January 1, 2011, 6.90% for the plan year beginning January 1, 2012, 5.20% for the plan year beginning January 1, 2013, 4.50% for the plan year beginning January 1, 2014, 4.70% for the plan year beginning January 1, 2015, 4.00% for the plan year beginning January 1, 2016, 4.18% for the plan year beginning January 1, 2017, 4.36% for the plan year beginning January 1, 2018, 4.46% for the plan year beginning January 1, 2019, and 4.00% for the plan year beginning January 1, 2020.

Accrued benefit under prior plan

The accrued benefit under the plan prior to the Cash Balance Plan as of the date of conversion was converted to a lump sum amount as a beginning account balance. Such conversion was based upon an 8% interest rate for the January 1, 1994, January 1, 1992 and December 1, 1988 conversions, and 7.25% for December 1, 1989 conversions, and an assumed retirement age of 65.

Accrued monthly annuity benefit

Equal to a five-year certain and continuous annuity payable at age 65 that is actuarially equivalent to the account balance. In no event will the accrued benefit be less than the benefit accrued under the plan prior to the Cash Balance Plan as of the date of conversion.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Eligibility for Benefits

Normal retirement	First of month coinciding with or next following the attainment of age 65.
Early retirement	First day of the month following attainment of age 55 and completion of 5 years of service (age 55 for Combustion Engineering employees as of December 31, 1991)
Deferred vested termination	Termination for reasons other than death or retirement after completing three years of vesting service
Disability	Upon total and permanent disablement
Preretirement death benefit	Death while eligible for normal, early, postponed, or deferred vested retirement benefits

Benefits Paid Upon the Following Events

Normal retirement	A monthly annuity calculated in accordance with the Retirement Benefit Formula and payable as a Normal Form of Benefit.
Early retirement	A monthly annuity calculated in accordance with the Retirement Benefit Formula and payable as a Normal Form of Benefit at age 65, or payable earlier in an actuarially reduced amount.
Deferred vested termination	A monthly annuity calculated in accordance with the Retirement Benefit Formula and payable as a Normal Form of Benefit at age 65, or payable earlier in an actuarially reduced amount.
Disablement	A member shall be eligible for additional credits each year in accordance with the Retirement Benefit Formula, and Interest Credits based upon the member's salary in effect at the time of disability retirement. The additional credits shall cease upon the earlier of recovery or attainment of age 65. A member may elect to receive his accrued benefit at any time, at which time no further credits shall be granted.
Preretirement death	In the event of death of a vested employee prior to retirement, his beneficiary will be entitled to the actuarially equivalent lump sum value of the employee's accrued benefit. If the beneficiary is the employee's surviving spouse, an actuarially equivalent annuity may be received.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Other Plan Provisions

Form of payment

Normal Forms of Payment

- For a member who does not have a spouse, the automatic form of benefit is a monthly life annuity with a five-year certain feature.
- For married members, the automatic form of benefit is an actuarially equivalent 50% joint and survivor annuity with a five year certain feature. Alternatively, a member may elect to receive an actuarially equivalent lump sum

Forms of Payment in Lieu of Normal Forms

- Single Life Annuity
- Joint & Survivor Options (50%, 67%, 75%, 100%)
- Certain & Life (5, 10, 15, 20 years)
- Lump Sum

Changes in Benefits Valued Since Prior Year

On December 31, 2019 the inactive participants of the plan were spun-off and merged into the ABB Inc. Cash Balance Pension Plan. Effective January 1, 2020, the plan only contains active participants.

There have been no other changes in benefits valued since the prior year.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 24 Change in Actuarial Assumptions

- The assumed plan-related expenses added to the target normal cost changed from \$160,000 for 2019 to \$0 for 2020.
- The interest crediting rate assumption changed from 4.46% in 2019 and 5.50% thereafter to 4.00% in 2020 and 4.75% thereafter.
- The CPI assumption was changed from 2.50% to 1.75%, which also resulted in changes to the Social Security Wage Base assumption from 3.50% to 2.75% and the Compensation assumption from 4.00% to 3.25%.

Plan Name: Cash Balance Pension Plan for Certain Represented Employees of ABB
Enterprise Software Inc.
EIN / PN: 94-3273443 / 321
Plan Sponsor: ABB Enterprise Software Inc.
Valuation Date: January 1, 2020