

JSE CAPAD WEB ENHANCEMENTS – CAPITAL ADEQUACY (CAPAD) MEMBER GUIDE

This document is solely for the use of Equity market members and prospective Equity market members who perform one or more regulated services on the JSE. This document is for training and illustrative purposes only and does not form part of the JSE Equity Market Rules and Directives nor does it replace the JSE Equity Market Rules and Directives in any way.

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Background and Objectives

Members should be established as entities of substance so as to evidence to the investing public and other market participants their financial capacity to ensure continuity of service delivery and market participation.

Market Regulation within the JSE needs to know equity members' capital adequacy position on a daily basis as a critical support factor in the settlement assurance that the JSE provides to the market. To that effect the JSE calculates all equity member capital adequacy positions daily, which is made available on the JSE CAPAD web system.

Directive BB Reporting of Non-Exchange Traded Derivative Instruments:

For the purposes of this Directive, non-exchange traded derivative instruments shall mean those derivative instruments not listed on a licensed exchange.

A member shall maintain a register of all transactions in non-exchange traded derivative instruments by reporting on a daily basis all transactions in such derivative instruments to the derivative trade recording system (DTRS).

In the past Equity members who traded in Over the Counter (OTC) derivatives were required to capture those positions in BDA under option 25 – Derivative Trade Recording System (DTRS). This was to enable them to show their OTC derivative offset and hedge against any of their other JSE listed instruments for a true capital adequacy calculation. Over time this process leveraged off members own internal calculations with reliance being placed on members providing their OTC derivative positions via a daily member calculated risk report. This process is now further enhanced by offering a tool to upload the daily risk report (excel workbook format) into the JSE CAPAD web which will allow members to view their complete updated capital adequacy position in real time.

The information presented in this guide will illustrate how to compile and upload the daily OTC workbook. This guide will also highlight certain key enhancements on Exchange Traded Funds (ETF) as well as new screen layouts within the JSE CAPAD web that will make it easier for Equity members to view their daily capital adequacy position.

Note: The JSE does not endorse nor regulate OTC derivative instruments and this upload is solely for the purposes of calculating the true capital position of regulated Equity members who trade in and hedge with OTC derivatives.

Accessing JSE CAPAD Web

- The JSE CAPAD Web system can be accessed on this URL: <https://capad.jse.co.za>
- A basic tutorial on accessing and navigating the JSE CAPAD Web can be accessed on this URL <https://www.jse.co.za/investor-type/broker/capad>

For access to the JSE CAPAD Web please have your Compliance Officer send an email to CustomerSupport@jse.co.za .

For login problems please contact CustomerSupport@jse.co.za or 011 520 7777

Click on the Capital requirements menu item to access the CAPAD Screens

The member will be directed to the Surplus/Shortfall page which summarises their CAPAD position for the previous business day (T-1) compared to the day prior to the previous business day (T – 2).

CAPITAL REQUIREMENTS: SURPLUS (+) / SHORTFALL (-)					
CURRENT DATE: 2020/07/01					
Date As At 1	Date As At 2	SHORTFALL ONLY	ALL MEMBERS	No Submission	Submit
2020/06/29	2020/06/26			<input type="checkbox"/>	
	2020/06/29 INCL OVERRIDES (R)	2020/06/26 INCL OVERRIDES (R)	DIFFERENCE (R)	% MOVE	OVERRIDES (R)
001 Member ABC (PTY) LTD	-45,791,998,751,711	-45,791,998,752,641		930	0 1,099,890

The Capital Adequacy calculation: Capital Requirements page

The capital adequacy calculations are based on Directive D, DA - Members Financial Management and Reporting and DC - Members Financial Resources Requirements.

<https://www.jse.co.za/content/JSERulesPoliciesandRegulationItems/EquitiesDirectives.pdf>

CAPITAL REQUIREMENTS: SUMMARY		
CURRENT DATE: 2020/07/08		
Date As At 1	<input type="text" value="2020/07/07"/>	Date As At 2
	<input type="text" value="2020/07/06"/>	<input type="button" value="Submit"/>
	2020/07/07 INCL OVERRIDES (R)	2020/07/06 INCL OVERRIDES (R)
Adjusted Liquid Capital	1,624,344,396	1,555,635,696
Base Requirement	5,541,557	5,541,557
Custody Risk	0	0
Position Risk	1,011,337,368	1,003,508,166
Counterparty Risk	36,076,800	36,180,490
Large Exposure Risk	228,044,876	238,183,982
Large Exposure Risk on Positions	228,044,876	238,183,982
Large Exposure Risk on Counterparties	0	0
Less: Capital Requirement	1,281,000,601	1,283,414,195
Capital Surplus(+)/Shortfall(-)	343,343,795	272,221,501

Clicking on any of the highlighted blue amounts will open a new tab with more details on how that figure was calculated.

Capital Requirements Summary:

Adjusted Liquid Capital (ALC) – Financial resource requirements are calculated in the manner prescribed within the JSE directives. The CAPAD team codes the group code and sequence key in BDA which aligns with the members own internal financial resources calculations and trial balance. Refer to [Adjusted Liquid Capital](#) section for screenshots.

Fixed Expenditure Base Requirement (FEBR) – A member is required to hold at all times adjusted liquid capital which is adequate to fund its fixed expenditure for a period of 13 weeks. This input is required once a year based on the audited financial statements.

Custody Services Risk Requirement (CSRR) – A Custody Service Provider (CSP) calculates its total CSRR based on the total of all assets held in custody on behalf of its own clients and/or clients of those members for whom it acts as a CSP.

Position Risk Requirement (PRR) – Calculated on a member’s proprietary risk exposures arising from different classes of securities. The enhanced OTC upload functionality will now include offsetting of OTC positions against spot equity, Equity Derivative Market (EDM) and Exchange Traded Fund (ETF) positions. Refer [Position Risk Summary page](#) for screenshots.

Counterparty Risk Requirement (CRR) – Calculated on a member’s counterparty exposures arising from its business as the sum of all the amounts calculated in accordance with tables within the Directives. A counterparty credit risk component for OTC derivatives will still need to be done manually. Individual members will need to engage with the CAPAD team regarding this calculation which will be added in as an override.

Large Exposure Requirements (LER) – A member’s total LER is calculated on proprietary positions arising from large exposures to third parties or groups of connected third parties. This calculation is based on the ALC and PRR amounts. Refer [Large Exposure Risk](#) section for screenshots.

Position Risk Summary page

In this section we will focus on the Position Risk Requirement (PRR).

Click on the highlighted blue amount in the Position Risk line item in the Capital Requirements summary page.

Position Risk	1,011,337,368
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This will open up the PRR Summary page. We are interested in the Net Listed Equities figure which will show all the JSE listed instruments that the member has traded in per underlying counter (equity equivalent for derivative positions).

CAPITAL REQUIREMENTS: POSITION RISK SUMMARY			
CURRENT DATE: 2020/07/08			
SELECTED BUSINESS DATE: 2020/07/07			
LAST CAPAD WORKBOOK UPLOAD DATE: 2020/06/26 			
	2020/07/07 INCL OVERRIDES (R)	2020/07/06 INCL OVERRIDES (R)	
▶ Net Listed Equities	1,009,974,889	1,002,147,917	
▶ Listed ETF's	1,362,479	1,360,249	
▶ Listed Warrants	0	0	
Unlisted Securities	0	0	
Commodities Derivatives	0	0	
▶ Listed Bonds	0	0	
Collective Investment Schemes	0	0	
General PRR Overrides	0	0	
	1,011,337,368	1,003,508,166	

Click on the blue highlighted amount in the Net Listed Equities line item

Net Listed Equities	1,009,974,889
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Net Listed Equities Position Risk

- The Net Listed Equities Position Risk risk page layout outlines the members exposures in listed equity, EDM, ETF, OTC and subsequent general and specific risk on positions across those various instrument classes.
- The positions are based on the underlying spot and Equity Equivalent Quantities (EEQ).
- General and specific risk is then calculated on a net position per underlying counter.
- Clicking on the blue highlighted quantities will open a detailed page of how the quantity was derived for that instrument.
- Instruments highlighted in yellow illustrate equity instruments that have been issued by the same issuer e.g. INP & INL.

CAPITAL REQUIREMENTS: NET LISTED EQUITIES POSITION RISK

CURRENT DATE: 2020/07/08
 SELECTED BUSINESS DATE: 2020/07/07
 LAST CAPAD WORKBOOK UPLOAD DATE: 2020/06/26

										TOTAL GENERAL RISK (R)	TOTAL SPECIFIC RISK (R)
										578,389,323	431,585,566
INSTRUMENT	EQUITIES QUANTITY	EDM EEQ	ETF EEQ	OTC EEQ	TOTAL QUANTITY	PRICE (R)	MARKET VALUE (R)	GENERAL RISK %	GENERAL RISK (R)	SPECIFIC RISK %	SPECIFIC RISK (R)
INL, INP	-84,036	0	2,865	-1,100	-82,271		-2,894,785	8	-230,783	5	144,239
ABSP	0	0	523	0	523	15.00	7,846	8	628	5	392
ACL	56,293	0	0	0	56,293	0.74	41,657	8	3,333	5	2,083
ADH	135,104	0	0	0	135,104	8.30	1,121,363	8	89,709	5	56,068
ADW	91,707	0	0	0	91,707	0.19	17,424	8	1,394	15	2,614
AEG	876,288	0	0	0	876,288	0.02	17,526	8	1,402	15	2,629
AEL	65,451	0	0	0	65,451	19.57	1,280,876	8	102,470	5	64,044
AFE	25,991	0	0	0	25,991	72.00	1,871,352	8	145,708	5	93,568
AFH	180,355	0	0	0	180,355	4.09	737,652	8	59,012	5	36,883
AFT	19,742	0	0	0	19,742	25.90	511,318	8	40,905	10	51,132
AFX	34,748	0	0	0	34,748	16.55	575,079	8	46,006	10	57,508
AGL	-1,403,172	0	44,271	0	-1,358,901	13.00	-17,665,709	8	-1,413,257	5	883,285
AHB	228,880	0	0	0	228,880	4.03	922,386	8	73,791	10	92,239
AIL	111,578	0	0	0	111,578	3.28	365,976	8	29,278	10	36,598
AIP	83,699	0	0	0	83,699	44.80	3,749,715	8	299,977	5	187,486
AMS	-123,431	0	96	0	-123,335	961.27	-118,558,091	8	-9,484,647	5	5,927,905

1 - 100 of 173 items

The following information is available on the net listed screen:

- **Instrument:** This field will contain the alpha code of the underlying spot instrument.
- **Equities Quantity:** This field contains the quantity of the member proprietary position in a BDA stock account.
- **EDM EEQ:** Equity derivative market (EDM) positions are broken down into an EEQ position.
- **ETF EEQ:** Exchange Traded Fund (ETF) positions are broken down into an EEQ position.
- **OTC EEQ:** This field contains the equity equivalent quantities of the OTC from the workbook that was uploaded. Refer to the [How to submit the CAPAD OTC workbook](#) section on how to populate this column.
- **Total Quantity:** This field is the net quantity across Spot, EDM, ETF and OTC markets.
- **Price:** This is the closing price of the underlying spot instrument.

- **Market value:** This is calculated using the net total quantity and closing price of that instrument.
- **General Risk %:** The general risk factor is used to calculate the risk of an instrument based on a possible movement in prices in the particular market. General risk is netted across instruments.
- **Specific Risk %:** The specific risk factor is used to calculate the risk of an instrument based on a possible movement in the price of the individual instrument itself and does not correlate to a movement in the relevant market. Specific risk is aggregated across instruments.

Listed Equities Position Per Account

- This page details the proprietary equities positions held per stock account.

To view this page click on the figure in the Equities Quantity field on the Net Listed Equities Position Risk page

CAPITAL REQUIREMENTS: LISTED EQUITIES POSITIONS PER ACCOUNT							
CURRENT DATE: SELECTED BUSINESS DATE:							
						TOTAL QUANTITY	TOTAL MARKET VALUE (R)
						-897,721	-768,547,926
ACCOUNT NUMBER	ACCOUNT NAME	ACCOUNT TYPE	INSTRUMENT ALPHA	INSTRUMENT NAME	QUANTITY	CLOSING PRICE (R)	MARKET VALUE (R)
40261	MSA SAF PRP1	S	CPI	Capitec Bank Hldgs Ltd	4,485	856.11	3,839,653
40279	MSA SAF PRP2	S	CPI	Capitec Bank Hldgs Ltd	121	856.11	103,589
40295	MSA SAF PRP4	S	CPI	Capitec Bank Hldgs Ltd	-530,940	856.11	-454,543,043
44016	MSA ARB CTOP	S	CPI	Capitec Bank Hldgs Ltd	2,345	856.11	2,007,578
44099	MSA STK	S	CPI	Capitec Bank Hldgs Ltd	-371,387	856.11	-317,948,125
44115	MSA STK BSK2	S	CPI	Capitec Bank Hldgs Ltd	-2,345	856.11	-2,007,578

100 items per page 1 - 6 of 6 items

EDM Equity Equivalent Quantity

- This page details the EDM equity equivalent quantity for the instrument.

To view this page click on the EDM EEQ field on the Net listed Equities Position Risk page.

CAPITAL REQUIREMENTS: EDM EQUITY EQUIVALENT QUANTITY											
CURRENT DATE: SELECTED BUSINESS DATE:											
UNDERLYING INSTRUMENT ALPHA	UNDERLYING NAME										EDM EQUITY EQUIVALENT QUANTITY
MTM	Momentum Met Hldgs Ltd										23,965
Instrument Alpha	Instrument Name	Instrument Type	Quantity	Market Value (R)	EDM Closing Price (R)	Delta	Future Equivalent Market Value (R)	Constituent Weighting	Constituent Closing Price (R)	Equity Equivalent Quantity	
17SEP20 MTM CSH	MTM Single Stock Cash Base 100	Future	236	403,088	17.08			1	16.82	23,964.803804994	

10 items per page 1 - 1 of 1 items

100 items per page 1 - 1 of 1 items

ETF Equity Equivalent Quantity

- This page details the ETF equity equivalent quantity for the instrument.
- ETF's that are tracking indices listed on the JSE exchange will now be offset against the relevant spot equities position. This is now included in the Net Listed Equities Position Risk page.
- General and specific risk are calculated on the underlying EEQ positions.

To view this page click on the ETF EEQ field on the Net listed Equities Position Risk page

CAPITAL REQUIREMENTS: ETF EQUITY EQUIVALENT QUANTITY

CURRENT DATE:
SELECTED BUSINESS DATE:

UNDERLYING INSTRUMENT ALPHA	UNDERLYING NAME								ETF EQUITY EQUIVALENT QUANTITY
BHP	BHP Group Plc								-20,970
Instrument Alpha	Instrument Name	Instrument Type	Quantity	Market Value (R)	ETF Closing Price (R)	Constituent Weighting	Constituent Closing Price (R)		Equity Equivalent Quantity
SATRIXRAF	Satrix RAFI 40 Portfolio	ETF	2,000	23,180	11.59	0.1012916032	0.70		3,354.19908803
SATRIXRES	Satrix RESI Portfolio	ETF	-950	-42,418	44.65	0.2887524371	0.70		-17,497.572682052
SATRIX 40	Satrix 40 Portfolio	ETF	-904	-41,268	45.65	0.1157891267	0.70		-6,826.265260792

10 items per page 1 - 3 of 3 items

100 items per page 1 - 1 of 1 items

General and Offshore Exchange Traded Funds

- The ETF Position Risk has been updated to only calculate general risk on ETF instruments that cannot be broken down into listed underlying EEQ positions.

CAPITAL REQUIREMENTS: ETF'S POSITION RISK

SELECTED BUSINESS DATE: 2020/06/26

							TOTAL GENERAL RISK (R)	TOTAL RISK (R)
							13,322,265	13,322,265
INSTRUMENT ALPHA	INSTRUMENT NAME	INSTRUMENT CATEGORY	QUANTITY	MARKET VALUE (R)	GENERAL RISK %	GENERAL RISK (R)		
ASHGEQ	Ashburton Gbl 1200Eq ETF	Equity		-40,854	-2,214,286	8	-177,143	
ASHINF	Ashburton Inflation ETF	Equity		68,475	1,320,882	8	105,671	
ASHWGB	Ashburton World GovB ETF	Equity		3,955	38,008	8	3,041	
CSP500	CoreShares S&P 500	Equity		2,492	131,054	8	10,484	
DCCUSD	Dollar Custodial Cert	Equity		100	204,455	8	16,356	
DIVTRX	CoreShares DivTrax	Equity		2,290	44,426	8	3,554	
ETFSIT	Invest S&P500 IT ETF	Equity		639,197	6,692,392	8	535,391	
ETFBND	Invest SA Bond ETF	Equity		879	60,818	8	4,865	
ETFGGB	Invest G7 Govt Bond ETF	Equity		183	19,753	8	1,580	
ETFGLD	InvestGold ETF	Equity		25	7,808	8	625	
ETFGRE	Invest Global REIT ETF	Equity		3,177	57,535	8	4,603	
ETFPD	InvestPalladium ETF	Equity		154	53,135	8	4,251	
ETFPPLT	InvestPlatinum ETF	Equity		646	90,589	8	7,247	
ETFRHO	InvestRhodium ETF	Equity		4,483	5,296,667	8	423,733	
GLD	New Gold Issuer Ltd	Equity		88,246	26,450,855	8	2,116,068	

How to submit the CAPAD OTC workbook

This section will demonstrate how to successfully submit the OTC underlying positions using the upload tool.

- The application allows a member to submit a CAPAD OTC workbook for the previous business day only.
- A CAPAD OTC workbook can be submitted in the CAPAD OTC upload workbook page.
- This page can be accessed on the Position Risk Summary page or on the Net Listed Equities Position Risk page.
- Members may upload and preview their risk figures multiple times before they submit.
- Members can submit a workbook multiple times in a day and only the last submitted will be recognised.
- Only by clicking submit will the CAPAD OTC workbook be uploaded to the JSE.
- The previous business days OTC underlying quantities must be submitted daily by 12:00.

Click on “Upload CAPAD Workbook” on either the PRR Summary page or the Net Listed Equities page.

CAPITAL REQUIREMENTS: POSITION RISK SUMMARY

CURRENT DATE: 2020/07/08
SELECTED BUSINESS DATE: 2020/07/07
LAST CAPAD WORKBOOK UPLOAD DATE: 2020/06/26

Upload CAPAD OTC Workbook

	2020/07/07 INCL OVERRIDES (R)	2020/07/06 INCL OVERRIDES (R)	DIFFERENCE (R)	% MOVE
Net Listed Equities	1,009,974,889	1,002,147,917	7,826,972	1
Listed ETF's	1,362,479	1,360,249	2,230	0
Listed Warrants	0	0	0	0
Unlisted Securities	0	0	0	0
Commodities Derivatives	0	0	0	0
Listed Bonds	0	0	0	0
Collective Investment Schemes	0	0	0	0
General PRR Overrides	0	0	0	0
	1,011,337,368	1,003,508,166	7,829,202	1

CAPITAL REQUIREMENTS: NET LISTED EQUITIES POSITION RISK

CURRENT DATE: 2020/07/08
SELECTED BUSINESS DATE: 2020/07/07
LAST CAPAD WORKBOOK UPLOAD DATE: 2020/06/26

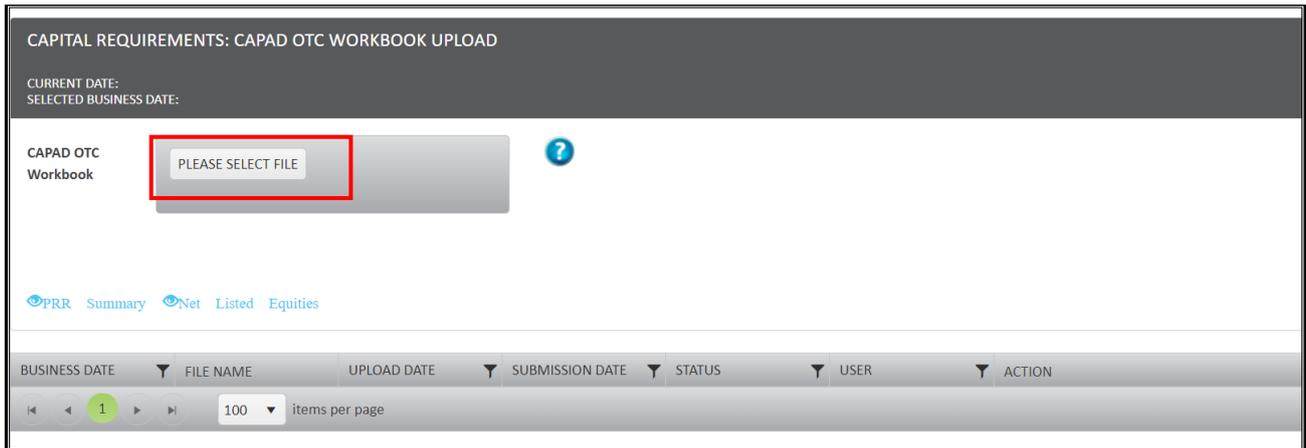
Upload CAPAD OTC Workbook

	TOTAL GENERAL RISK (R)		TOTAL SPECIFIC RISK (R)								
	578,389,323		431,585,595								
INSTRUMENT	EQUITIES QUANTITY	EDM EQ	ETF EQ	OTC EQ	TOTAL QUANTITY	PRICE (R)	MARKET VALUE (R)	GENERAL RISK %	GENERAL RISK (R)	SPECIFIC RISK %	SPECIFIC RISK (R)
INL_INP	-84,036	0	2,865	-1,100	-82,271		-2,884,785	8	-230,783	5	144,239
ABSP	0	0	523	0	523	15.00	7,846	8	628	5	392
ACL	56,293	0	0	0	56,293	0.74	41,657	8	3,333	5	2,083
ADH	135,104	0	0	0	135,104	8.30	1,121,363	8	89,709	5	56,068
ADW	91,707	0	0	0	91,707	0.19	17,424	8	1,394	15	2,614
AEG	876,288	0	0	0	876,288	0.02	17,526	8	1,402	15	2,629
AEL	65,451	0	0	0	65,451	19.57	1,280,876	8	102,470	5	64,044
AFE	25,991	0	0	0	25,991	72.00	1,871,352	8	149,708	5	93,568
AFH	180,355	0	0	0	180,355	4.09	737,652	8	59,012	5	36,883
AFT	19,742	0	0	0	19,742	25.90	511,318	8	40,905	10	51,132
AFX	34,748	0	0	0	34,748	16.55	575,079	8	46,006	10	57,508
AGL	-1,403,172	0	44,271	0	-1,358,901	13.00	-17,665,709	8	-1,413,257	5	883,285
AHB	228,880	0	0	0	228,880	4.03	922,386	8	73,791	10	92,239
AIL	111,578	0	0	0	111,578	3.28	365,976	8	29,278	10	36,598
AIP	83,699	0	0	0	83,699	44.80	3,749,715	8	299,577	5	187,486

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a) CAPAD OTC WORKBOOK UPLOAD PAGE

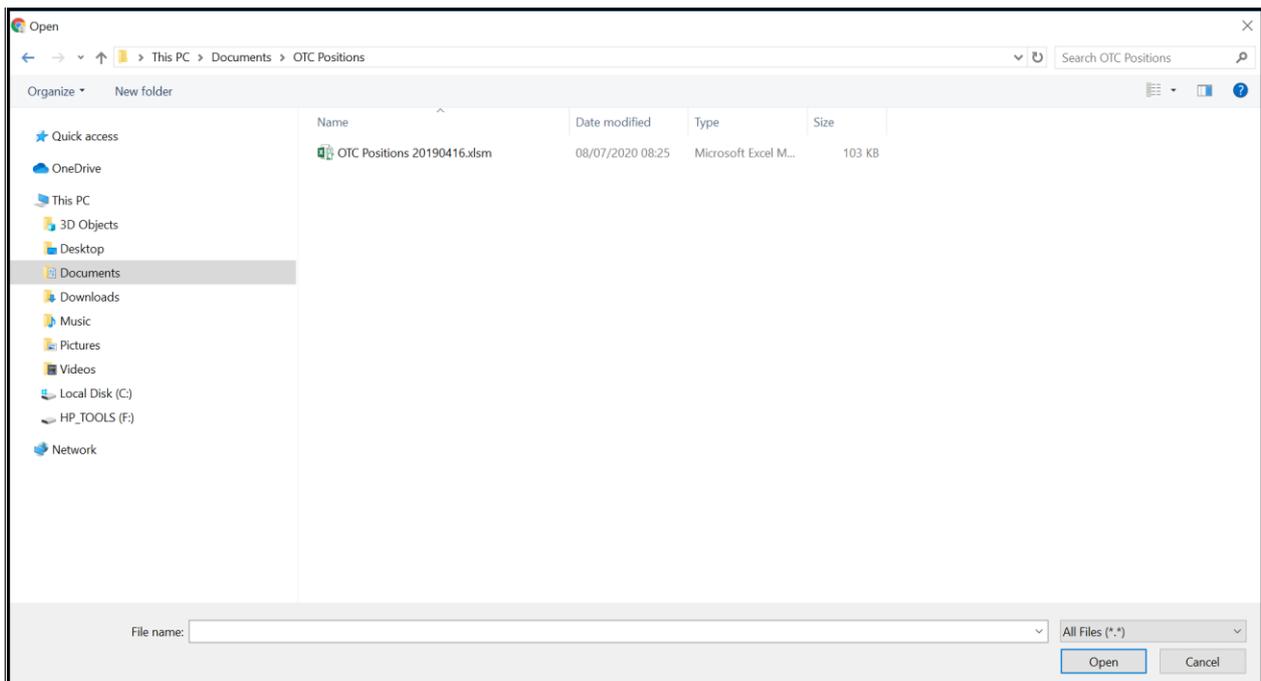
- This page will show you your CAPAD OTC workbook upload history.
- You will see the date submitted, saved files, submitted files and time submitted.



To start the upload click on “PLEASE SELECT FILE”. The windows explorer window will be open.

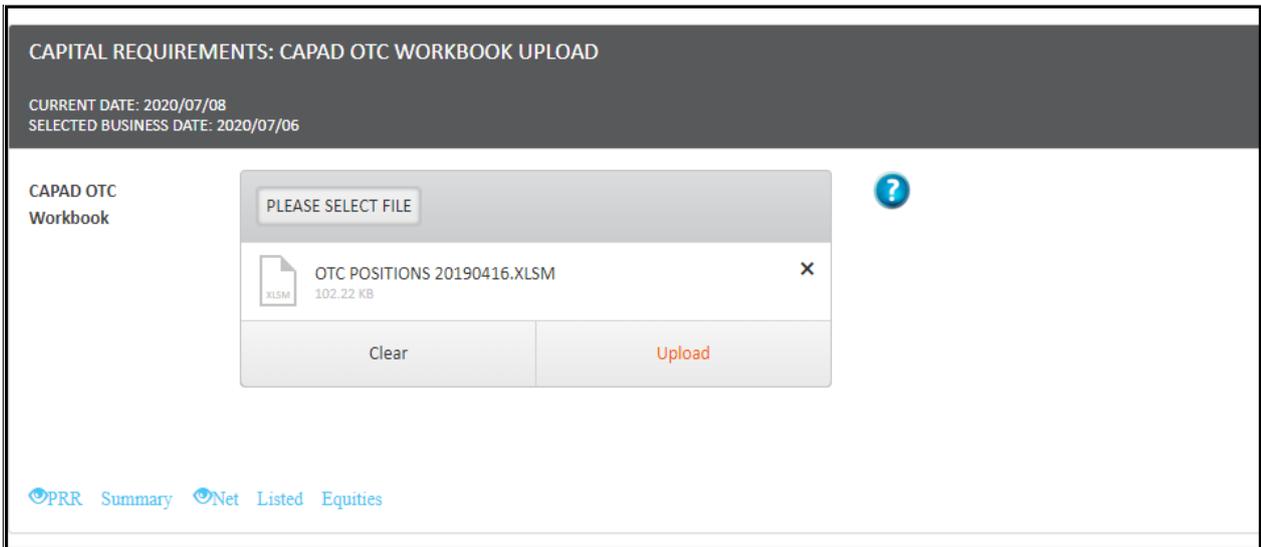
b) Windows explorer window

Select a CAPAD OTC workbook that you want to upload from a destination on your computer.



c) Upload workbook

Click on Upload

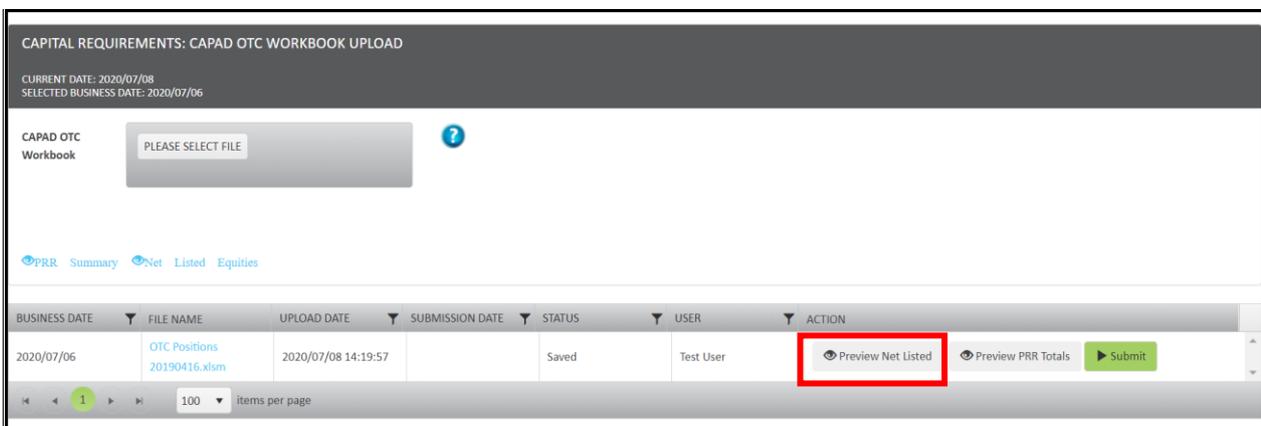


- The upload tool will check the format of the CAPAD OTC workbook.
- The upload tool will complete a virus scan on the workbook.
- If there are any issues with the file an error message will be displayed to assist you in fixing the file.

d) Preview Net listed Equities Position Risk including uploaded OTC EEQ

Please note at this point your figures have not been submitted and aren't visible to the JSE CAPAD team

Click on Preview Net listed to view the PRR including the OTC numbers updated in real time.



CAPITAL REQUIREMENTS: NET LISTED EQUITIES POSITION RISK (PREVIEW)

CURRENT DATE:
SELECTED BUSINESS DATE:
LAST CAPAD WORKBOOK UPLOAD DATE: 2020/02/26

										TOTAL GENERAL RISK (R)	TOTAL SPECIFIC RISK (R)
										528,736,802	401,806,167
INSTRUMENT	EQUITIES ...	EDM EEQ	ETF EEQ	OTC EEQ	TOTAL QU...	PRICE (R)	MARKET V...	GENERAL ...	GENERAL ...	SPECIFIC R...	SPECIFIC R...
▶ INL, INP	-150,375	0	358	-1,100	-151,117		-5,382,643	8	-430,612	5	269,132
ABSP	0	0	11	0	11	525.25	5,527	8	442	5	276
ACL	56,293	0	0	0	56,293	0.74	41,657	8	3,333	5	2,083
ADH	135,500	0	0	0	135,500	8.30	1,124,650	8	89,972	5	56,233
ADW	91,707	0	0	0	91,707	0.19	17,424	8	1,394	15	2,614
AEG	876,288	0	0	0	876,288	0.02	17,526	8	1,402	15	2,629
AEL	64,840	0	0	0	64,840	19.57	1,268,919	8	101,514	5	63,446
AFE	25,731	0	0	0	25,731	72.00	1,852,632	8	148,211	5	92,632
AFH	152,922	0	0	0	152,922	4.09	625,451	8	50,036	5	31,273

100 items per page | 1 - 100 of 177 items

e) Preview Position Risk Summary including uploaded OTC EEQ

Please note at this point your figures have not been submitted and aren't visible to the JSE CAPAD team

Click on Preview PRR Totals to preview the overall PRR totals after the OTC numbers are updated

CAPITAL REQUIREMENTS: CAPAD OTC WORKBOOK UPLOAD

CURRENT DATE: 2020/07/08
SELECTED BUSINESS DATE: 2020/07/06

CAPAD OTC Workbook

PRR Summary | Net Listed Equities

BUSINESS DATE	FILE NAME	UPLOAD DATE	SUBMISSION DATE	STATUS	USER	ACTION
2020/07/06	OTC Positions 20190416.xlsm	2020/07/08 14:19:57		Saved	Test User	<input type="button" value="Preview Net Listed"/> <input type="button" value="Preview PRR Totals"/> <input type="button" value="Submit"/>

100 items per page

CAPITAL REQUIREMENTS: POSITION RISK SUMMARY (PREVIEW)

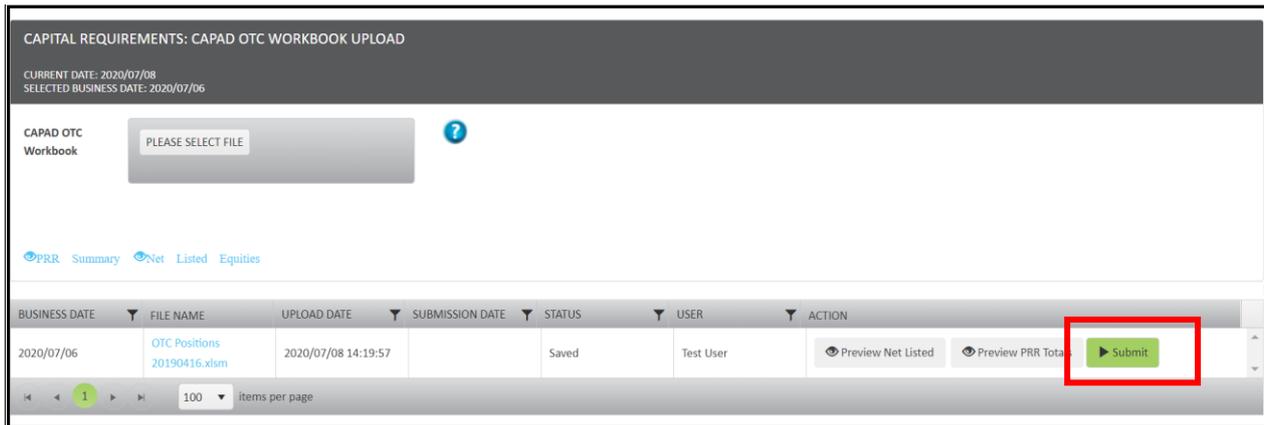
CURRENT DATE: 2019/04/16
SELECTED BUSINESS DATE: 2019/04/15

	2019/04/15 INCL OVERRIDES (R)	2019/04/14 INCL OVERRIDES (R)
▶ Net Listed Equities	2,870,104,249	3,096,436,280
▶ Listed ETF's	373,528	370,714
▶ Listed Warrants	0	0
Unlisted Securities	0	0
Commodities Derivatives	0	0
▶ Listed Bonds	0	0
Collective Investment Schemes	0	0
General PRR Overrides	0	0
	2,870,477,777	3,096,806,994

f) Submit CAPAC OTC Workbook to JSE

Please note at this point your figures have not been submitted and aren't visible to the JSE CAPAD team

To submit your figures to the JSE click on Submit



- After clicking “Submit” the uploaded OTC equity equivalent quantities will be available for the CAPAD team to view.

CAPAD OTC Workbook Format and Contents

- The CAPAD OTC workbook must contain a worksheet that contains the OTC equity equivalent positions.
- The worksheet must be named “OTC EEQ”
- The format of the OTC equity equivalent positions in the “OTC EEQ” worksheet must be as follows:

Spreadsheet 1: OTC EEQ

Underlying Alpha Code	OTC Equity Equivalent Quantity
AGL	1979
SOL	112

- Column A (Underlying Alpha Code) must contain the alpha code of the spot instruments. Only worksheets with valid Alpha codes will be uploaded.
- Column B (OTC Equity Equivalent Quantity) must contain the OTC equity equivalent quantity. This field must be only numeric values, negative values are permitted.
- The remaining worksheets in the workbook must contain all associated supporting documentation.

Spreadsheet 2: OTC Derivatives

	OTC DERIVATIVES						
UNDERLYING	FORWARD	FUTURE	OPTION	SWAP	CFD	OTHER	TOTAL EQUITY EQUIVALENT OTC QUANTITY
AGL	10	-20	100	-40	-100	0	-50

- Each of the OTC instrument types must have its own worksheet that will show how that total equity equivalent quantity was obtained. (i.e. each column will have its own worksheet)
- Members must ensure their risk and compliance teams involved in the compilation of the contents in the upload workbook.
- Members must ensure that the relevant ISDA agreements for any of the OTC derivatives reported on are available upon request.
- Members who trade OTC derivatives are to ensure they follow relevant legislation and have applied for their OTC Derivative Provider (ODP) license
- The JSE does not regulate OTC derivatives and this upload is to assist members in calculating the correct PRR and hedge for capital adequacy purposes only.

Adjusted Liquid Capital

- Adjusted liquid capital (ALC) is the available liquid assets of an equities member after adjustments for unrealised profit or loss on proprietary positions and ALC general ledger cash balance overrides have been applied.
- The enhancement will include the OTC unrealised profit/loss component.

View Adjusted Liquid Capital

This value is calculated for a member based on the cash balances of general ledger accounts, the calculated provisional taxation adjustment for the member and the calculated unrealised profit or loss adjustments on proprietary holdings of the member.

Click the amount on adjusted liquid capital

CAPITAL REQUIREMENTS: SUMMARY			
CURRENT DATE: 2019/04/16			
Date As At 1	2019/04/15	Date As At 2	2019/04/14
	INCL OVERRIDES (R)		INCL OVERRIDES (R)
Adjusted Liquid Capital	16,131,980,480		16,131,396,715
Base Requirement	29,406,053		29,406,053
Custody Risk	3,000,000		3,000,000
Position Risk	41,782,548		64,526,190
Counterparty Risk	1,708,950		1,708,950
Large Exposure Risk	0		0
Large Exposure Risk on Positions	0		0
Large Exposure Risk on Counterparties	0		0
Less: Capital Requirement	75,897,551		98,641,193
Capital Surplus(+)/Shortfall(-)	16,056,082,929		16,032,755,522

View Adjusted Liquid Capital: Summary

Clicking on the blue figures on each row opens a drill down page that details the list of accounts included in the calculation

ADJUSTED LIQUID CAPITAL: ALC SUMMARY					
CURRENT DATE:					
PLEASE NOTE THAT IT IS THE COMPLIANCE OFFICER'S RESPONSIBILITY TO VERIFY THAT THE ALC FIGURES SHOWN ON THE ISE CAPITAL ADEQUACY PORTAL REFLECT ALC AS YOU HAVE CALCULATED ON YOUR INTERNAL SYSTEM.					
	2020/06/25 INCL OVERRIDES (R)	2020/06/24 INCL OVERRIDES (R)	DIFFERENCE (R)	% MOVE	
Total Capital Resources	-404,737,084	-187,296,021	-217,441,063		116
Less: Impaired Capital ?	-709,628	-709,628	0		0
Available Capital Resources	-405,446,712	-188,005,649	-217,441,063		116
Less: Illiquid Assets ?	-923,062	-143,766	-779,296		542
Adjusted Liquid Capital at Book Value	-406,369,774	-188,149,415	-218,220,359		116
Unrealised Profit (+)/Loss (-)	1,817,542,099	1,391,811,972	425,730,127		31
Equities	1,817,548,404	1,391,811,972	425,736,432		31
Bonds	0	0	0		0
OTC Derivatives ?	-6,305	0	-6,305		100
Tax Provision Adjustment ?	-236,167,061	-177,846,124	-58,320,938		33
Adjusted Liquid Capital	1,175,005,264	1,025,816,433	149,188,830		15

Tax Provision Adjustment value

Tax Provision Adjustment ?	-236,167,061
----------------------------	--------------

- Taxable Amount = unrealised profit or loss adjustment + income + expenses + additional provisions and accruals
- Tax Provision = Taxable Amount * taxation factor (28%) * (-1). The value is multiplied by (-1) as the taxation provision required is an expense to the company and therefore is made to be positive to indicate a debit.
- Tax Already Provided = (∑ cash balance of all Tax Expense GL accounts (group code of 'E')) + (∑ ALC overrides for Tax Expense (group codes of 'E'))
- If the Tax Provision value is a debit (positive) and the Tax Provision value is greater than the Tax Already Provided value, then the tax provision adjustment is calculated as follows:
 - Tax Provision Adjustment = Tax Provision - Tax Already Provided
- If the Tax Provision value is a credit (negative) or the Tax Provision value is less than the Tax Already Provided value then there is no tax provision adjustment required for the member
 - Tax Provision Adjustment = 0

View Adjusted Liquid Capital: Total Capital resources

ADJUSTED LIQUID CAPITAL: TOTAL CAPITAL RESOURCES		
PLEASE NOTE THAT IT IS THE COMPLIANCE OFFICER'S RESPONSIBILITY TO VERIFY THAT THE ALC FIGURES SHOWN ON THE JSE CAPITAL ADEQUACY PORTAL REFLECT ALC AS YOU HAVE CALCULATED ON YOUR INTERNAL SYSTEM.		
	2020/06/26 INCL OVERRIDES (R)	2020/06/25 INCL OVERRIDES (R)
Shareholders' Funds	15,204,000	15,204,000
Unaudited Profit(+)/Loss(-) ?	5,635,157	5,635,157
Owner's Equity	20,839,157	20,839,157
Subordinated Loans	20,000,000	20,000,000
Guarantees Received	0	0
Total Capital Resources	40,839,157	40,839,157
Employment of Capital	42,564,625	42,564,625
Capital Difference	-1,725,468	-1,725,468
ANALYSIS OF CAPITAL DIFFERENCE		
	2020/06/26 INCL OVERRIDES (R)	2020/06/25 INCL OVERRIDES (R)
Capital Available/Employed Overrides ?	0	0
Uncoded GL Accounts ?	0	0
Guarantees Received	0	0
Total	0	0

View Adjusted Liquid Capital: Impaired Capital

GROUP CODE					
CURRENT DATE:					
PLEASE NOTE THAT IT IS THE COMPLIANCE OFFICER'S RESPONSIBILITY TO VERIFY THAT THE ALC FIGURES SHOWN ON THE JSE CAPITAL ADEQUACY PORTAL REFLECT ALC AS YOU HAVE CALCULATED ON YOUR INTERNAL SYSTEM.					
GROUP CODE	GROUP CODE DESCRIPTION	BALANCE 2020/06/25 (R)	OVERRIDE 2020/06/25 (R)	BALANCE 2020/06/24 (R)	OVERRIDE 2020/06/24 (R)
V	INTANGIBLE ASSETS	9,398,327	0	9,398,327	0

View Adjusted Liquid Capital: Illiquid Assets

GROUP CODE					
PLEASE NOTE THAT IT IS THE COMPLIANCE OFFICER'S RESPONSIBILITY TO VERIFY THAT THE ALC FIGURES SHOWN ON THE JSE CAPITAL ADEQUACY PORTAL REFLECT ALC AS YOU HAVE CALCULATED ON YOUR INTERNAL SYSTEM.					
GROUP CODE	GROUP CODE DESCRIPTION	BALANCE 2020/06/26 (R)	OVERRIDE 2020/06/26 (R)	BALANCE 2020/06/23 (R)	OVERRIDE 2020/06/23 (R)
LS	SETTLEMENT MARGIN NON-CONTROLLED CLIENTS	27,158,591	0	464,651,529	0

View Adjusted Liquid Capital: Unrealised Profit/loss: Equities

ADJUSTED LIQUID CAPITAL: UNREALISED PROFIT AND LOSS							
PLEASE NOTE THAT IT IS THE COMPLIANCE OFFICER'S RESPONSIBILITY TO VERIFY THAT THE ALC FIGURES SHOWN ON THE JSE CAPITAL ADEQUACY PORTAL REFLECT ALC AS YOU HAVE CALCULATED ON YOUR INTERNAL SYSTEM.							
		TOTAL UNREALISED PROFIT OR LOSS (R)	TOTAL OVERRIDES (R)	TOTAL UNREALISED PROFIT OR LOSS INCL. OVERRIDES (R)			
		-1,604,818,211	0	-1,604,818,211			
INSTRUMENT ALPHA	INSTRUMENT NAME	QUANTITY	CLOSING PRICE (R)	MARKET VALUE (R)	BOOK VALUE (R)	UNREALISED PROFIT(+)/LOSS(-) (R)	
ABSP	ABSA Bank Ltd Pref	100,868	525.25	52,980,917	72,826,696	-19,845,779	
ABG	Absa Group Limited	25,997,250	23.44	609,375,540	2,098,305,381	-1,488,929,841	
APF	Accelerate Prop Fund Ltd	25,190,742	0.64	16,122,075	34,431,412	-18,309,337	
ADI	Adapt IT Holdings Ltd	-4	1.67	-7	-10	3	
AIP	Adcock Ingram Hldgs Ltd	83,055	44.8	3,720,864	4,071,954	-351,090	
ADR	Adcorp Holdings Limited	127,410	4.1	522,381	1,401,510	-879,129	
ADH	ADVTECH Ltd	502,553	8.3	4,171,190	3,175,048	996,142	
AFE	AECI Limited	96,661	72	6,959,592	17,545,308	-10,585,716	
AEE	African Equity Emp Inv Ltd	787	0.72	567	787	-220	
AFX	African Oxygen Limited	97,760	16.55	1,617,928	1,813,101	-195,173	
AXL	African Phoenix Inv Ltd	39,851	0.36	14,346	14,715	-369	
AIL	African Rainbow Cap Inv	204,316	3.28	670,156	724,581	-54,425	
ARI	African Rainbow Min Ltd	693,478	130.08	90,207,618	160,968,494	-70,760,876	
AFT	Afrimat Limited	22,027	25.9	570,499	716,187	-145,688	
ACT	AfroCentric Inv Corp Ltd	-112,261	3.99	-447,921	-356,990	-90,931	
AFH	Alexander Forbes Grp Hldgs	-195,653	4.09	-800,221	-1,492,070	691,849	
AEL	Allied Electronics Corp A	18,036	19.57	352,965	458,187	-105,222	

- This is calculated as market value (using previous days closing price) – book value (value at inception). This is an automatic mark to market calculation from BDA and members can change this setting by revaluing their investments at financial year end where they would “realise” the profit/loss in the BDA system. Members can contact customer support services CustomerSupport@jse.co.za if they need assistance with regards to the BDA system.

View Adjusted Liquid Capital: Unrealised Profit/loss: Bonds

ADJUSTED LIQUID CAPITAL: UNREALISED PROFIT AND LOSS							
PLEASE NOTE THAT IT IS THE COMPLIANCE OFFICER'S RESPONSIBILITY TO VERIFY THAT THE ALC FIGURES SHOWN ON THE JSE CAPITAL ADEQUACY PORTAL REFLECT ALC AS YOU HAVE CALCULATED ON YOUR INTERNAL SYSTEM.							
		TOTAL UNREALISED PROFIT OR LOSS (R)	TOTAL OVERRIDES (R)	TOTAL UNREALISED PROFIT OR LOSS INCL. OVERRIDES (R)			
		-2,051,117	0	-2,051,117			
INSTRUMENT ALPHA	INSTRUMENT NAME	QUANTITY	CLOSING PRICE (R)	MARKET VALUE (R)	BOOK VALUE (R)	UNREALISED PROFIT/(LOSS) (R)	
AS221U	ABSA BANK LIMITED	9,500,000	103.5901	9,841,057	9,634,279	206,778	
ASN274	ABSA BANK LIMITED	31,000,000	100.1389	31,043,065	31,105,084	-62,019	
BGT01	ABSA GROUP LIMITED	1,000,000	103.5067	1,035,067	1,035,067	0	
ABK51	AFRICAN BANK LIMITED	2,255,402	95.8075	2,160,845	2,160,845	0	
FRB24	FIRSTRAND BANK LIMITED	2,000,000	100.6794	2,013,588	2,013,588	0	
IVC103	INVESTEC BANK LIMITED	7,000,000	100.033	7,002,307	7,008,602	-6,295	
INLV01	INVESTEC LIMITED	1,400,000	101.6209	1,422,693	1,422,693	0	
NGLO2	NEDBANK GROUP LIMITED	5,000,000	101.3029	5,065,147	5,265,469	-200,322	
NGLO4	NEDBANK GROUP LIMITED	10,000,000	100.2962	10,029,623	10,334,412	-304,789	
NGT103	NEDBANK GROUP LIMITED	300,000	97.7881	293,364	293,364	0	
NEDT1A	NEDBANK LIMITED	100,000	104.0943	104,094	104,094	0	
CLNF16	NEDBANK LIMITED	24,000,000	100.8713	24,209,110	24,271,836	-62,726	
R2030	REPUBLIC OF SOUTH AFRICA	-1,500,000	95.9729	-1,439,594	-1,439,594	0	
SBT201	STANDARD BANK GROUP LIMITED	56,000,000	100.9562	56,535,483	58,139,766	-1,604,283	
CLN493	THE STANDARD BANK OF SOUTH AFRICA LIMITED	8,000,000	100.1728	8,013,824	8,031,285	-17,461	
TH14D3	THE THEKWINI FUND 14 (RF) LIMITED	2,000,000	102.447	2,048,941	2,048,941	0	
TH15D2	THE THEKWINI FUND 15 (RF) LIMITED	1,000,000	101.5958	1,015,958	1,015,958	0	

View Adjusted Liquid Capital: Unrealised Profit/loss: OTC Derivatives

Click on the blue highlighted amount in the OTC Derivatives line item

ADJUSTED LIQUID CAPITAL: ALC SUMMARY				
CURRENT DATE:				
PLEASE NOTE THAT IT IS THE COMPLIANCE OFFICER'S RESPONSIBILITY TO VERIFY THAT THE ALC FIGURES SHOWN ON THE JSE CAPITAL ADEQUACY PORTAL REFLECT ALC AS YOU HAVE CALCULATED ON YOUR INTERNAL SYSTEM.				
	2020/06/25 INCL OVERRIDES (R)	2020/06/24 INCL OVERRIDES (R)	DIFFERENCE (R)	% MOVE
Total Capital Resources	-404,737,084	-187,296,021	-217,441,063	116
Less: Impaired Capital	-709,628	-709,628	0	0
Available Capital Resources	-405,446,712	-188,005,649	-217,441,063	116
Less: Illiquid Assets	-923,062	-143,766	-779,296	542
Adjusted Liquid Capital at Book Value	-406,369,774	-188,149,415	-218,220,359	116
Unrealised Profit (+)/Loss (-)	1,817,542,099	1,391,811,972	425,730,127	31
Equities	1,817,548,404	1,391,811,972	425,736,432	31
Bonds	0	0	0	0
OTC Derivatives	-6,305	0	-6,305	100
Tax Provision Adjustment	-236,167,061	-177,846,124	-58,320,938	33
Adjusted Liquid Capital	1,175,005,264	1,025,816,433	149,188,830	15

This will open up the Unrealised profit and loss on OTC Derivatives

ADJUSTED LIQUID CAPITAL: OTC UNREALISED PROFIT AND LOSS		TOTAL UNREALISED PROFIT OR LOSS (R)		TOTAL OVERRIDES (R)		TOTAL UNREALISED PROFIT OR LOSS INCL. OVERRIDES (R)	
		-4,537		0		-4,537	
INSTRUMENT ALPHA	INSTRUMENT NAME	EQUITY EQUIVALENT QUANTITY	CLOSING PRICE (R)	2019/04/17 MARKET VALUE (R)	2019/04/16 MARKET VALUE (R)	UNREALISED PROFIT/(LOSS) (R)	
ABG	ABG - Abex Group Limited	10	80.63	806	877	-71	
AGL	AGL - Anglo American plc	20	313.55	6,271	6,349	-78	
ANG	ANG - Anglogold Ashanti Ltd	30	425.4	12,762	12,909	-147	
APN	APN - Aspen Pharmacare Hldgs Ltd	40	112.88	4,515	4,432	83	
BHP	BHP - BHP Group Pic	50	293.58	14,679	14,592	87	
BID	BID - BID Corporation Ltd	60	232.29	13,937	14,378	-441	
BVT	BVT - Bidvest Ltd	70	143.5	10,045	10,534	-489	
CFR	CFR - Compagnie Fin Richemont	80	102.74	8,219	8,327	-108	
CLS	CLS - Clifco Group Ltd	90	265.4	23,886	23,658	228	
CPI	CPI - Capitec Bank Hldgs Ltd	100	925.5	92,550	96,089	-3,539	
FSR	FSR - FirstRand Ltd	130	36.95	4,804	4,841	-37	
GFI	GFI - Gold Fields Ltd	140	125.98	17,637	17,997	-360	
GRT	GRT - Growthpoint Prop Ltd	150	14.08	2,112	2,183	-71	
GTR	GTR - Grit Real Estate Inc Grp	160	15.48	2,477	2,080	397	
HLM	HLM - Hulamin Ltd	170	1.15	196	187	9	

- The unrealised profit and loss on OTC Derivatives is calculated daily based on the OTC uploaded on the CAPAD OTC Workbook.

OTC Derivatives field

= OTC Derivatives unrealized p/l = Market Value at T – Market Value at T-1 + applied group override

- Where T is defined as previous business day the values are calculated based on the uploaded OTC EEQ figures for T and T-1.
- Market Value = Quantity * Closing Price

Large Exposure Risk

- LER relates to a member’s exposure to a counterparty or to instruments issued by a counterparty where such exposures are large relative to the member’s adjusted liquid capital. The large Exposure Risk is calculated on a daily basis for all proprietary positions that attract specific risk where the member’s exposure to the instrument exceeds 25% of the member’s adjusted liquid capital (ALC).
- This will be automatically updated with the ALC after the CAPAD OTC workbook upload.

View Large Exposure Risk

Click the amount on the amount next to Large Exposure on Positions

Large Exposure Risk	20,192,950,416	20,720,952,194
Large Exposure Risk on Positions	20,192,950,416	20,720,952,194
Large Exposure Risk on Counterparties	0	0
Less: Capital Requirement	21,216,806,028	21,412,401,804

CAPITAL REQUIREMENTS: LARGE EXPOSURE RISK										
CURRENT DATE: 2019/04/19										
						TOTAL LER FOR INSTRUMENT CATEGORIES (R)	GENERAL LER OVERRIDES (R)	TOTAL MEMBER LER (R)		
						20,192,950,416	0	20,192,950,416		
INSTRUMENT CATEGORY										TOTAL LER FOR CATEGORY (R)
JSE Listed Equities										20,192,950,416
Instrument Alpha	Instrument Name	Underlyl... Alpha	Net Specific Risk (R)	Specific Risk %	Exposure Value (R)	25% Of ALC (R)	Excess Exposure (R)	LER Risk %	LER On Position (R)	
ABSP	ABSA Bank Ltd Pref		2,649,046	5	52,980,920	-548,310,799	601,291,719	200	60,129,172	
ACG	Anchor Group Limited		817	15	5,447	-548,310,799	548,316,246	200	164,494,874	
ACL	ArcelorMittal SA Limited		18,932	5	378,640	-548,310,799	548,689,439	200	54,868,944	
ACT	AfroCentric Inv Corp Ltd		67,188	15	447,920	-548,310,799	548,758,719	200	164,627,616	
ADH	ADvTECH Ltd		162,863	5	3,257,260	-548,310,799	551,568,059	200	55,156,806	
ADI	Adapt IT Holdings Ltd		1	15	7	-548,310,799	548,310,806	200	164,493,242	
ADR	Adcorp Holdings Limited		71,157	15	474,380	-548,310,799	548,785,179	200	164,635,554	
AEE	African Equity Emp Inv Ltd		85	15	567	-548,310,799	548,311,366	200	164,493,410	
AEG	Aveng Group Limited		1,849,132	15	12,327,547	-548,310,799	560,638,346	200	168,191,504	
AEL	Allied Electronics Corp A		14,116	5	282,320	-548,310,799	548,593,119	200	54,859,312	
AFE	AECI Limited		707,317	5	14,146,340	-548,310,799	562,457,139	200	56,245,714	
AFH	Alexander Forbes Grp Hldgs		85,253	5	1,705,060	-548,310,799	550,015,859	200	55,001,586	

Underlying Constituents View

Members are now able to see all their EDM and ETF positions that attract position risk independently from the CAPAD drill downs

Click on Reports on the CAPAD Web landing page

CAPITAL ADEQUACY
JSE Surveillance - Everything to do with Capital Adequacy
<p>Capital Requirements</p> <p>Capital Surplus or Shortfall</p>
<p>Help</p> <p>CAPAD User Documentation</p>
<p>Reports</p> <p>Capital Adequacy Reports</p>

Click on Underlying Constituent View

REPORTS

Capital Adequacy Reports

Instrument Risk Weight
Instrument Risk weight scan

Trial Balance

Underlying Constituent View
Underlying Constituent View

Select the date and asset class you wish to view underlying constituents for and click on Submit

UNDERLYING CONSTITUENTS - PARAMETERS

Date: 2020/07/07

Asset Class: EDM

Submit

EDM Underlying Constituents View

CAPAD REPORT: EDM UNDERLYING CONSTITUENTS

CURRENT DATE: 2020/07/08

INSTRUMENT ALPHA	INSTRUMENT NAME	DERIVATIVE TYPE	QUANTITY	CONTRACT FACTOR	CLOSING PRICE (R)	MARKET VALUE (R)
▶ 15APR21 ALSI	ALSI Index Cash Base 10	Future	2,705	10.00	47250.00	1,278,112,500
▶ 15APR21 DTOP	DTOP Index Cash Base 10	Future	254	10.00	7904.00	20,076,160
▶ 15APR21 VOD PHY	VOD Single Stock Physical Base 100	Future	10	100.00	0.88	880
▶ 15APR21 SOL CSH	SOL Single Stock Cash Base 100	Future	-50	100.00	86.21	-431,050
▶ 15APR21 BID PHY	BID Single Stock Physical Base 100	Future	159	100.00	253.20	4,025,880
▶ 17JUN21 TFG PHY DN	TFG Single Stock Dividend Neutral Physical Base 100	Future	-80	100.00	76.11	-608,880
▶ 18MAR21 CTOP	CTOP Index Cash Base 10	Future	-100	10.00	16198.00	-16,198,000
▶ 17SEP20 DTOR	DTOR Index Cash Base 10	Future	130	10.00	13586.00	17,661,800
▶ 17DEC20 ATRI	ATRI Index Cash Base 10	Future	-450	10.00	5019.00	-22,585,500
▶ 17SEP20 ATRI	ATRI Index Cash Base 10	Future	350	10.00	4936.00	17,276,000
▶ 21JAN21 ALSI	ALSI Index Cash Base 10	Future	100	10.00	46500.00	46,500,000
▶ 19NOV20 VOD CSH	VOD Single Stock Cash Base 100	Future	-509	100.00	2.57	-130,813
▶ 15OCT20 VOD CSH	VOD Single Stock Cash Base 100	Future	-285	100.00	2.56	-72,960

ETF Underlying Constituents View

CAPAD REPORT: ETF UNDERLYING CONSTITUENTS						
CURRENT DATE: 2020/07/08						
INSTRUMENT ALPHA	INSTRUMENT NAME	QUANTITY	CLOSING PRICE (R)	MARKET VALUE (R)		
▶ ASHTOP40	Ashburton Top 40 ETF		45.75	-268,302		-12,274,817
▶ SATRIXDIV	Satrix DIVI Plus Portfolio		1.78	5,322		9,473
▶ SATRIXRES	Satrix RESI Portfolio		44.65	93		4,152
▶ SATRIX 40	Satrix 40 Portfolio		45.65	-5,449,109		-248,751,826

1 - 4 of 4 items

Should you have any queries regarding this training manual, please contact the CAPAD team, or for OTC specific queries Raj Naicker by sending an email to capitaladequacy@jse.co.za