Policy Counterparty (CP) Requirements		Hedging Position Summary (In Millions)		Notional NT			Collateral Summary				
Reporting Requirements Met	Yes (1)(2)	Interest Rate Swaps (5)	\$	25.71	\$	(2.05)	Collateral Held by PEI on behalf of Counterpar	rties			
CP Rating Qualification Met	Yes (2)(3)(4)	Futures Contracts, Financial		12.21		(0.25)	Rail Splitter Wind (HSBC Bank LOC)	\$	2,500,000		
Within CP Exposure Limits	Yes (3)	Forward Purchase, Physical		41.12		(0.51)	TransAlta (Bank of Nova Scotia LOC)	\$	25,000		
Under CP Concentration Limits	Yes	Solar PPAs		24.26		(31.04)	Common Wealth Bank of Australia (LOC)	\$	500,000		
		Total	\$	103.29 \$ (33.84) Collateral Held by Counterparty on behalf o				EI:			
						<del></del>	Margin Exposure with INTL FC Stone	\$	467,357		

## **Material Events Since Last Report**

## \*\* PEI purchased 720,000 MMBTU's of Natural Gas Forward Contracts for UIUC from BP totaling \$1,721,400 for periods July 1, 2021 - June 30, 2024.

\*\*Moody's downgraded BP Corp North America Inc. to "A3" from "A2" March 23, 2021, outlook stable.

# Counterparty Risk Management (2) (4)

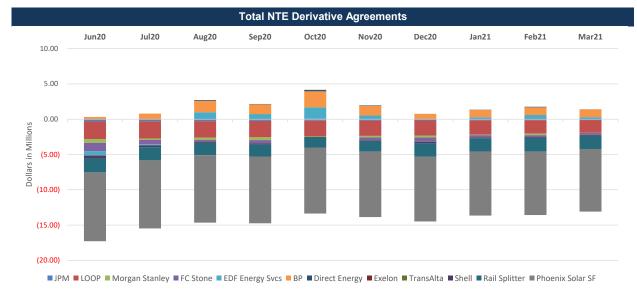
The energy industry necessitated action by the PEI Board of Directors to approve a policy accepting a lower credit rating than the System policy to qualify counterparties for physical hedges (forward purchases). This exception has been approved by the U of I System CFO in accordance with the University incumbent upon PEI to monitor and request Performance Assurance Policy. (3) Rail Splitter is not rated but has provided a \$2.5 million LOC from HSBC Bank. TransAlta's rating declined below acceptable limits so they have provided a \$25,000 LOC from the Bank of Nova Scotia to meet policy qualifications. Northern Cardinal is not rated but do have PCG, LOC, and approved qualification exception. (4)

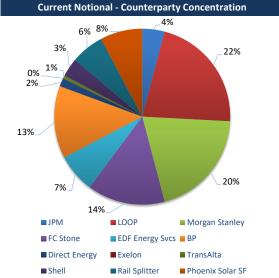
The swap agreements were approved by the Board of Trustees and executed prior to the policy. The collateral requirements for counterparties on the interest rate swaps are more risk tolerant than the System policy, however the current NTE exposure amounts are all within Policy limits.

## **Policy Considerations & Other Comments**

Exelon, BP, EDF, AEP, and Direct Energy provide recourse through Credit or Adequate Assurances provisions if reasonable grounds exist regarding unsatisfactory creditworthiness or performance. It is if a rating change triggers the policy collateral requirements.

The System and PEI policies require regular due diligence reviews of the financial strength of counterparties. It is the responsibility of the hedging transaction originator, System department or PEI, to review the related counterparties regularly in compliance with policy.





Reported to the Board of Trustees May 20, 2021

Responsible Unit/Dept.	Counterparty	CSP Rated Entity/ Exchange	Bond Rating (S&P / Moody's)	Expires FY Range	Underlying Asset / Liability	Oriç	g Contract	Current Notiona / Contract	ı	*MTM or NTE	System Guarantee (Credit Limit)	PCG - LOC (Credit Limit)	Counterparty Threshold (Collateral Requirements)
Financial Ho	edges		Qualifying Rating										
System Interes	t Rate Swaps		A- / A3										
SO Capital	Morgan Stanley Capital	Morgan Stanley											Rating Triggers
Financing	Services, Inc.		BBB+ / A1	1/15/2022	UIC SC 2008	\$	27.40	3.64		(0.13)			Predate Policy
SO Capital	JP Morgan Chase	JP Morgan Chase											Rating Triggers
Financing	Bank, N.A.	Bank, N.A.	A+ / Aa2	1/15/2022	UIC SC 2008	\$	26.85	3.52		(0.12)			Predate Policy
SO Capital	Loop Financial	Deutsche Bank AG											Rating Triggers
Financing	Products, I, LLC	(CSP)	BBB+ / A3	10/1/2026	HSFS 2008	\$	40.88	18.55		(1.80)			Predate Policy
	tures Contracts	IntonOomtinoontol		SU	BTOTAL SWAPS	\$	95.13	25.71		(2.05)			
SO Utilities Admin	INTL FCStone Financial Inc.	InterContinental Exchange (ICE)	BBB+ / A3	2021-2028	Natural Gas	\$	13.65	12.21	11.96	(0.25)			None Exchange Traded
Admin	Financial Inc.	Exchange (ICE)	DDD1 / A3		TAL FINANCIAL		108.78	37.92	11.90	(2.30)			Haueu
Physical He	edaes	3	Qualifying Rating		TAL I INANCIAL	Ψ	100.70	31.32		(2.50)			
•	rward Purchases		BB+/Ba1 with LO										
SO Utilities	BP Canada Energy	BP Corporation North		- 0 0									Adequate
Admin	Marketing Corp.	America, Inc. (PCG)	A- / A3	2021-2024	Natural Gas	\$	14.87	11.37	12.46	1.09	10.00	1.00	Assurance
SO Utilities	Direct Energy Business	, , ,				•	1-1.07	11.01	12.10	1.00	10.00	1.00	Adequate
Admin	Marketing	Centrica (PCG) <sup>6</sup>	BBB / Baa2	2021-2024	Natural Gas	\$	1.72	1.27	1.30	0.03	2.50	2.50	Assurance
SO Utilities	EDF Energy Services,	EDF Trading Limited											Adequate
Admin	LLC	(PCG)	NR / Baa2	2021-2022	Natural Gas	\$	10.92	6.10	6.39	0.29	3.00	3.00	Assurance
SO Utilities	Morgan Stanley Capital												
Admin	Group, Inc.	Morgan Stanley (PCG)	BBB+ / A1	2023-2026	Natural Gas	\$	12.93	12.93	13.06	0.13	5.00	Unlimited	Rating Triggers
SO Utilities	Shell Energy North	Shell Energy North	A / AO	2022	National Cas		0.54	0.54	0.44	(0.40)	<b>5</b> 00		Datina Trianana
Admin SO Utilities	America (US), L.P.	America (US), L.P. American Electric	A / A2	2023	Natural Gas	\$	2.54	2.54	2.44	(0.10)	5.00		Rating Triggers
Admin	AEP Energy Partners Inc.	Power Co. Inc.	A- / Baa2	2023 - 2024	Electricity	\$	0.25	0.25	0.25	0.00	0.50	0.10	Credit Assurance
SO Utilities	Exelon Generation	Exelon Generation	A- / Daaz	2023 - 2024	Licetricity	Ψ	0.23	0.23	0.23	0.00	0.50	0.10	Orcali / Issurance
Admin	Company LLC	Company LLC	BBB- / Baa2	2021	Electricity	\$	0.16	0.06	0.05	(0.01)	5.00		Credit Assurance
SO Utilities	Morgan Stanley Capital	•			,	•				(5:5:)			
Admin	Group, Inc.	Morgan Stanley (PCG)	BBB+ / A1	2021-2023	Electricity	\$	1.15	0.56	0.54	(0.02)	5.00	Unlimited	Rating Triggers
SO Utilities	TransAlta Energy	The Bank of Nova											
Admin	Marketing (US) Inc.	Scotia (LOC)	A+ / Aa2	2021 - 2022	Electricity	\$	0.54	0.46	0.45	(0.01)	2.50	0.025	LOC
SO Utilities	Shell Energy North	Shell Energy North											
Admin	America (US), L.P.	America (US), L.P.	A / A2	2021-2025	Electricity	\$	0.58	0.35	0.34	(0.01)	5.00		Rating Triggers
SO Utilities Admin	Rail Splitter Wind Farm LLC	· · · · · · · · · · · · · · · · · · ·	A+ / Aa3	2021-2027	Electricity			<b>5</b> .00	0.00	(4.00)			1.00
Aumin	LLC	(LOC)	A+ / Aas		Renewable	\$	5.96 51.62	5.23 <b>41.12</b>	3.33 <b>40.61</b>	(1.90)	2.50	2.50	LOC
Color DD 4 -				20810	TAL PHYSICALS	- <del>-</del>	51.02	41.12	40.01	(0.51)			
Solar PPAs	Dhaanin Calaa Caarl												
UIUC Energy	Phoenix Solar South			12/20/2025	Electricity Renewable	•	42.70	6.00		(0.00)			
Services - SF1 SO Utilities	Farms <sup>(2)</sup>	Commonwealth Bank of	AA- / Aa2	12/20/2025	renewable	\$	13.76	6.62		(8.88)			
Admin - SF2	Northern Cardinal	Australia (LOC)	AA- / Aa2		Electricity								
Adillili - Ol Z	Solar SCS IL 1, LLC (4)	CD Clean Energy and	NR NR	2/2021 - 2/2041	Electricity Renewable	\$	17.77	17.64		(22.16)	22.20	4.50	LOC
		Infrastructure (PCG)											
		,		SUBTOTA	AL SOLAR PPAs	\$	31.53	24.26		(31.04)			
<b>Grand Total</b>					GRAND TOTAL	\$	191.93	103.29		(33.84)			

\*Negative termination value means the System or PEI is obligated to the counterparty (transaction is "underwater").

CP - Counterparty
CSP - Credit Support Provider

LOC - Letter of Credit

NTE - Net Termination Exposure PCG - Parental Company Guarantee PEI - Prairieland Energy Inc.

PPA - Power Purchase Agreement SO - System Offices WR - Withdrawn Rating

## Footnotes:

- (1) Policy exceptions approved by the CFO for Agriculture Property Services (APS) forward grain sales include release from counterparty credit rating, contract form, and monthly reporting requirements. APS reported \$0.00 in outstanding forward sales contracts as of 3/31/2021.
- (2) In Dec 2015, UIUC issued a Power Purchase Agreement (PPA) in conjunction with their Solar Farm I. ERM learned of the PPA in July 2019 and began reporting the derivative Oct 2019. Since there is no CP risk, a policy exception was approved by the CFO for (a) minimum counterparty credit rating requirement, (b) required parental guarantee or LOC, and (c) minimum market capitalization requirement.
- (3) Policy exceptions approved by the CFO for PEI include less restrictive CP credit rating for forward purchases and corresponding collateral requirements. For physical transactions, allows for unrated CP to qualify with LOC.
- (4) On 10/3/19, an Exception for Urbana Solar Farm 2.0 was approved by the PEI Treasurer qualifying Northern Cardinal Solar (NCS) as CP who was assigned the PPA from Sol Systems. Also qualified Capital Dynamics Clean Energy & Infrastructure as guarantor for NCS. Exception also approved, as allowed in the PPA, any unrated successor guarantor to qualify with \$100 million in tangible net worth. Contract term to
- (5) In March both Moody's and S&P raised the state's outlook from negative to stable however there have been no changes to the state's GO rating the past month. The Capital Financing Department continues to monitor publications by the rating agencies and potential impact to the University.
- (6) January 5, 2021 NRG Energy Inc. acquired Direct Energy Business from Centrica PLC, Centrica PLC will continue to honor the PG until new business is conducted between PEI and Direct Energy or NRG issues an LOC within 180 days.