Derivatives Dashboard

		Hedging Position Summary									
Policy Counterparty (CP) Requirements		(In Millions)		Notional		NTE	Collateral Summary				
Reporting Requirements Met	Yes (1)(2)	Interest Rate Swaps	\$	35.23	\$	(3.18)	Collateral Held by PEI on behalf of Cour	terparties			
CP Rating Qualification Met	Yes (2)(3)(4)	Futures Contracts, Financial		11.13		(1.05)	Rail Splitter Wind (HSBC Bank LOC)	\$	2,500,000		
Within CP Exposure Limits	Yes	Forward Purchase, Physical		37.60		(2.45)	TransAlta (Bank of Nova Scotia LOC)	\$	25,000		
Under CP Concentration Limits	Yes	Solar PPAs	_	7.76		(9.85)	_				
		Total	\$_	91.72	\$	(16.53)	Collateral Held by Counterparty on beha	If of PEI:			
				•		•	Margin Exposure with INTL FC Stone	\$	291,002		

Material Events Since Last Report

PEI executed a contract with BP for natural gas delivery for 7/1/2021-6/30/2024.

PEI purchased 1,340,000 MMBTU's of natural gas forward contracts for UIUC from BP totaling \$3,144,950 for 7/1/2021contracts for UIUC from FCStone totaling \$1,307,100 for 7/1/2024-6/30/2026.

Federal action to mitigate financial crisis in ST markets has proven standing. Capital Financing staff continue to monitor the trading activity of the U of I System's bonds, and meet with advisors and market experts.5

Counterparty Risk Management (2) (4)

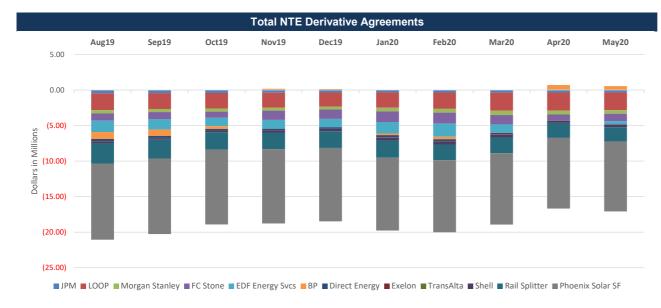
a policy accepting a lower credit rating than the System policy to qualify counterparties for physical hedges (forward purchases). This exception has been approved by the U of I System CFO in accordance with the University Policy. (3) Rail Splitter is not rated but has provided a \$2.5 million LOC from HSBC 6/30/2024. PEI purchased 510,000 MMBTU's of natural gas futures 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.

The swap agreements were approved by the Board of Trustees and executed prior to the policy. The collateral requirements for counterparties on the interest successful. The variable rate bonds and related SWAPs are in good 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

The energy industry necessitated action by the PEI Board of Directors to approve Exelon, BP, EDF, and Direct Energy provide recourse through Credit or Adequate Assurances provisions if reasonable grounds exist regarding unsatisfactory creditworthiness or performance. It is incumbent upon PEI to monitor and request Performance Assurance 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.



Current Notional - Counterparty Concentration 7% ^{9%} 3% 23% 0% 1% 10% 11% 16% 12% JPM **LOOP** ■ Morgan Stanley ■ FC Stone ■ EDF Energy Svcs ■ BP ■ Direct Energy ■ Exelon ■ TransAlta ■ Phoenix Solar SF Shell Rail Splitter

								In Millions						
Responsible Unit/Dept.	Counterparty	CSP Rated Entity/ Exchange	Bond Rating (S&P / Moody's)	Expires FY Range	Underlying Asset / Liability	Oriç	g Contract	Current Notional / Contract	Market Value	*MTM or NTE	System Guarantee (Credit Limit)	PCG - LOC (Credit Limit)	Counterparty Threshold (Collateral Requirements)	
Financial Hedges		Qualifying Rating												
System Interes	st Rate Swaps		A- / A3											
SO Capital Financing	Morgan Stanley Capital Services, Inc.	Morgan Stanley	BBB+ / A3	1/15/2022	UIC SC 2008	\$	27.40	7.11		(0.34)			Rating Triggers Predate Policy	
SO Capital Financing	JP Morgan Chase Bank, N.A.	JP Morgan Chase Bank, N.A.	A+ / Aa2	1/15/2022	UIC SC 2008	\$	26.85	6.90		(0.33)			Rating Triggers Predate Policy	
SO Capital Financing	Loop Financial Products, I, LLC	Deutsche Bank AG (CSP)	BBB+ / A3	10/1/2026	HSFS 2008	\$	40.88	21.23		(2.51)			Rating Triggers Predate Policy	
PEI Energy Fu	tures Contracts	,		SU	BTOTAL SWAPS	\$	95.13	35.23		(3.18)			,	
SO Utilities Admin	INTL FCStone Financial Inc.	InterContinental Exchange (ICE)	A / A2	2020-2028	Natural Gas	\$	13.99	11.13	10.08	(1.05)			None Exchange Traded	
, tarriiri	i inditolal ino.	Exchange (102)	717712		TAL FINANCIAL		109.12	46.36	10.00	(4.23)			114404	
Physical He	edges rward Purchases		Qualifying Rating BB+/Ba1 with LO		TALTIMANOIAL	Ψ	100.12	40.00		(4.20)				
SO Utilities	BP Canada Energy	BP Corporation North	55 -75a - Willi 20	000									Adequate	
Admin	Marketing Corp.	America, Inc. (PCG)	A- / A2	2020-2024	Natural Gas	\$	12.39	9.02	9.57	0.55	10.00	1.00	Assurance	
SO Utilities	Direct Energy	0 (1) (200)	DDD / D 0	0000 0000									Adequate	
Admin	Business Marketing	Centrica (PCG)	BBB / Baa2	2020-2022	Natural Gas	\$	3.26	1.22	1.14	(80.0)	2.50	2.50	Assurance	
SO Utilities Admin	EDF Energy Services, LLC	EDF Trading Limited (PCG)	NR / Baa2	2020-2022	Natural Gas	\$	15.04	10.21	9.78	(0.43)	3.00	3.00	Adequate Assurance	
SO Utilities	Morgan Stanley													
Admin	Capital Group, Inc.	Morgan Stanley (PCG)	BBB+ / A3	2024-2025	Natural Gas	\$	6.37	6.37	6.31	(0.06)	5.00	Unlimited	Rating Triggers	
SO Utilities Admin	Shell Energy North America (US), L.P.	Shell Energy North America (US), L.P.	A+ / A2	2023	Natural Gas	\$	2.54	2.54	2.32	(0.22)	5.00		Rating Triggers	
SO Utilities Admin	Exelon Generation Company LLC	Exelon Generation Company LLC	BBB+ / Baa2	2020 - 2021	Electricity	\$	0.41	0.20	0.17	(0.03)	5.00		Credit Assurance	
SO Utilities	Morgan Stanley	' '			,					(3.3.3)				
Admin	Capital Group, Inc.	Morgan Stanley (PCG)	BBB+ / A3	2020-2023	Electricity	\$	1.49	1.29	1.20	(0.09)	5.00	Unlimited	Rating Triggers	
SO Utilities Admin	TransAlta Energy Marketing (US) Inc.	The Bank of Nova Scotia (LOC)	A+ / Aa2	2022	Electricity	\$	0.13	0.13	0.13	0.00	2.50	0.025	LOC	
SO Utilities Admin	Shell Energy North America (US), L.P.	Shell Energy North America (US), L.P.	A+ / A2	2020-2025	Electricity	\$	1.15	0.60	0.52	(0.08)	5.00		Rating Triggers	
SO Utilities	Rail Splitter Wind Farm				Electricity					()				
Admin	LLC	(LOC)	AA- / Aa3	2020-2027	Renewable	\$	6.92	6.02	4.01	(2.01)	2.50	2.50	LOC	
				SUBTO	TAL PHYSICALS	\$	49.70	37.60	35.15	(2.45)				
Solar PPAs														
UIUC Energy Services	Phoenix Solar South Farms ⁽²⁾			12/20/2025	Electricity Renewable	\$	13.76	7.76		(9.85)				
Grand Tota					GRAND TOTAL	<u> </u>	172.58	91.72		(16.53)				
Sianu iola	i.				CIVAIND LOTAL	Ψ	172.30	91.12		(10.00)				

*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 in outstanding forward sales contracts as of 05/31/2020.
- (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. 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. Anticipate Solar Farm 2.0 to be operational by 1/31/2021 or sooner, at which time delivery of solar power will begin and included in the derivatives report.
- (5) Federal actions to mitigate the financial crisis in the short term markets have since proven successful. Following the implementation of monetary policies, and the injection of stimulus funds, interest rates have dropped to lower than pre-pandemic rates and have remained steady. The variable rate bonds and related SWAPs are in good standing. Capital Financing staff continue to monitor the trading activity of the U of I System's bonds, and meet with advisors and market experts. Capital Financing staff are considering all options as market conditions evolve, including the opportunity to refund variable rate notes with fixed rate notes should the opportunity arise and be deemed favorable.