Collateral Requirement Formula (without perfected interest)

$$CR = (TPR - (LP + AS)) \times Pco - (TPR \times Pbr) \text{ where:}$$

CR equals Collateral Requirement (in $)

TPR equals Total Pool Requirements (in mcf) as estimated by East Ohio for the upcoming month using normal heating degree days.

LP equals Local Production (in mcf) as determined by the first-of-month confirmed nomination of local production (if applicable) dedicated to the pool or nominated from the Supplier's Local Production Pooling Service pool multiplied by the number of days in the month.

AS equals Available Storage (in mcf) as determined by the lowest ratchet beginning of the month storage inventory (if applicable) held by the Supplier in conjunction with its ECPS pool. The Available Storage volume shall exclude any volumes purchased from East Ohio under the ECPS On-System Storage capacity provisions but not yet paid for.

Pco equals Cash Out Price (in $/mcf) as determined by the estimated negative imbalance volume cash out rate based on Inside FERC's Gas Market Report first of month pricing with the applicable adjustments. For purposes of the auction evaluation, the Cash Out Price will equal the weighted average negative imbalance cash out price for the prior twelve months whose term equals the new auction term (weighted by forecasted normalized sales volumes).

Pbr equals Billing Rate Price (in $/mcf) as determined by the last actual month's average billing rate charged by the Supplier for Customers billed by East Ohio. For purposes of the auction evaluation, the Billing Rate Price will equal the weighted average auction price for the prior twelve months whose term equals the new auction term (weighted by forecasted normalized sales volumes).

PoolOp	Name	TPR Monthly Target (Mcf) Winter Max	Pbr Average Billed Price ($/Mcf)	(TPR x Pbr) est. Billed ($)	AS SC	(TPR - (LP + AS))	Credit Exposure
SSO/SCO	Auction Pool	4,444,839	$ -	$ -	-	4,444,838.8	$ 18,995,462.89

# of Tranches	9
Credit Exposure per Tranche x 2 months	$ 4,240,000

Est. Negative Cashout (Pco)	$	4.2736
Average Billed Price (Pbr)	$	2.9402
HDD		434
Storage Capacity (SC)		
Allowable Storage Credit		