



December 19, 2019

To NERC or its designee,

Subject: SERC Short Circuit Model Data Collection - 2019


NERC Reliability Standard MOD-032-1 Requirement 4 states that submitting power system modeling data to the Electric Reliability Organization (ERO) or its designee is the responsibility of the Planning Coordinators (PCs).

System data submitted by each Generator Owner (GO) and Transmission Owner (TO) follows the data requirements and reporting procedures developed by SERC SCDWG.

Member entities within SERC who anticipate having their system data submitted to the ERO or its designee utilizing the SCDWG model building process are listed in Table 1. The SERC members who anticipate providing data to the ERO or its designee via their Planning Coordinators' process, not the SCDWG model building process, are listed in Table 2.

The SCDWG case builder received data via the SERC Portal from the member entities listed in the first column of the enclosed tables under "Planning Coordinator / Responsible Reporting Entity." These PCs, in turn, compiled data of several other members listed in the second column under "Entities who have submitted data. Data includes only facilities and/or functional registrations located within the PC Area."

Sincerely,



Vicki Austin
SCDWG Chair
Southern Company

Enclosure

Table 1 – SERC Planning Coordinator Members using SERC SCDWG model building process for MOD-032-1 short circuit modeling data submittal to the ERO or its designee.

Planning Coordinator / Responsible Reporting Entity	Entities who have submitted data. Data includes only facilities and/or functional registrations located within the PC Area.
SOCO	AL Sandersville, LLC
	AL Solar A, LLC
	Alabama Municipal Electric Authority
	Alabama Power Company
	Baconton Power LLC
	Calhoun Power Company, LLC
	CER Generation LLC
	City of Dalton d/b/a Dalton Utilities
	Effingham County Power, LLC
	Exelon Generation Company, LLC - Exelon Nuclear
	Florida Power & Light Company
	Georgia Power Company
	Georgia Transmission Corporation
	Green Power Solutions of Georgia, LLC
	Gulf Power Company
	Mid Georgia Cogen L.P.
	Mississippi Power Company
	Mobile Energy LLC
	MPC Generating, LLC
	Municipal Electric Authority of Georgia
	NextEra Energy Resources, LLC
	Oglethorpe Power Corporation
	Piedmont Green Power, LLC
	Santa Rosa Energy Center, LLC
	Southeastern Power Administration
	Southern Company Services, Inc. - Gen
	Southern Company Services, Inc. - Trans
	Southern Power Company
	SOWEGA Power LLC
	Tenaska Alabama II Partners, L.P.
	Tenaska Alabama Partners, L.P.
	Tenaska Georgia Partners, L.P.
	USACE - Mobile District
USACE - Savannah District	
Wabash Valley Power Association, Inc.	
Walton Bainbridge Power Facility (Morgan Stanley (Bainbridge))	
Walton County Power, LLC	
Walton Discovery Power Facility	
Washington County Power, LLC	

Planning Coordinator / Responsible Reporting Entity	Entities who have submitted data. Data includes only facilities and/or functional registrations located within the PC Area.
SCPSA	South Carolina Public Service Authority
	Dorchester Biomass, LLC
	USACE- Charleston District
DESC	Dominion Energy South Carolina, Inc
	Central Electric Power Cooperative Inc
	EDP Renewables North America LLC
	Moffet Solar 1, LLC
	Columbia Energy LLC
LG&E/KU	LG&E and KU Services Company
	Owensboro, KY Municipal Utilities
DEC	Duke Energy Carolinas
	Broad River Energy, LLC
	Cherokee County Cogeneration Partners, LLC
	ElectriCities of North Carolina, Inc.
	North Carolina Electric Membership Corporation
	NAES Corporation – Kings Mountain Energy Center
AECI	Associated Electric Cooperative, Inc.
	Pattern Operators LP
TVA	Brookfield Smoky Mountain Hydropower LLC
	Calpine Cooperation
	Choctaw Generation Limited Partnership, LLLP
	Decatur Energy Center, LLC
	GenOn Wholesale Generation
	Memphis Light, Gas and Water Division
	Nashville Electric Service
	NextEra Energy Resources, LLC
	Smoky Mountain Transmission LLC
	USACE - Nashville District
	Tennessee Valley Authority
DEP	Duke Energy Progress, LLC
	CPI USA North Carolina LLC (Roxboro)
	CPI USA North Carolina LLC (Southport)
	Craven County Wood Energy Limited Partnership
	ElectriCities of North Carolina, Inc.
	Innovative Solar 37, LLC
	Innovative Solar 42, LLC
	Innovative Solar 46, LLC
	NC Renewable Power Lumberton LLC
	North Carolina Electric Membership Corporation
CUBE	Cube Hydro Carolinas, LLC
PS	PowerSouth Energy Cooperative

Table 2 – SERC Planning Coordinator Members using their own process for MOD-032-1 short circuit modeling data submittal to the ERO or its designee. As in Table 1, those listed below have elected to provide modeling data to the SCDWG model building process.

Planning Coordinator / Company	Entities who have submitted data. Data includes only facilities and/or functional registrations located within the PC Area.
MISO	Midcontinent Independent System Operator, Inc.
MISO / Ameren	Ameren Missouri
	Ameren Services Company
	Bishop Hill Energy II LLC
	Bishop Hill Energy III LLC
	California Ridge Energy LLC
	Citizens Electric Corporation
	Gibson City Energy Center, LLC
	Grand Tower Energy Center, LLC
	Holland Energy, LLC
	Hoopeston Wind, LLC
	Illinois Municipal Electric Agency
	Pioneer Trail Wind Farm, LLC
	Prairie Power, Inc.
	Prairie State Generating Company
	Settlers Trail Wind Farm LLC
	Shelby County Energy Center, LLC
Tilton Energy, LLC	
Vistra Energy Corp.	

Planning Coordinator / Company	Entities who have submitted data. Data includes only facilities and/or functional registrations located within the PC Area.
MISO / Entergy	Arkansas Electric Cooperative Corporation
	Beauregard Electric Cooperative, Inc.
	Carville Energy LLC
	Catalyst Old River Hydroelectric Limited Partnership
	City of Abbeville
	City of Alexandria
	City of Clarksdale, Mississippi
	City of North Little Rock Electric Department
	Cleco Corporate Holdings LLC
	Cottonwood Energy Company LP
	East Texas Electric Cooperative Inc.
	Entergy
	Entergy - Fossil & Hydroelectric Generation
	Entergy - Nuclear
	ETEC – Hardin County Peaking Facility
	ETEC – San Jacinto County Peaking Facility
	ETEC – Woodville Renewable Power Project
	ExxonMobil Corp - Baton Rouge
	ExxonMobil Oil Corporation - Beaumont Refinery
	Lafayette Utilities System
	Louisiana Energy & Power Authority
	Louisiana Generating, LLC
	Mississippi Delta Energy Agency
	Nelson Industrial Steam Company
	Northeast Louisiana Power Cooperative Inc.
	Occidental Chemical Corporation
	Plum Point Energy Associates (PPEA), LLC - GO
	Sabine River Authority of TX/LA
	Tenaska Frontier Partners, Ltd
	The Dow Chemical Company
USACE - Fort Worth District	

Planning Coordinator / Company	Entities who have submitted data. Data includes only facilities and/or functional registrations located within the PC Area.
MISO / BREC	American Municipal Power
	Big Rivers Electric Corporation
	Century Aluminum of Kentucky GP
	City of Henderson, KY, Utility Commission, DBA Henderson Municipal Power & Light
	Henderson Municipal Power & Light
MISO / CWLD	City of Columbia Missouri Water and Light Department
MISO / COOP	Cooperative Energy
MISO / EEI	Electric Energy, Inc
MISO / SIPC	Southern Illinois Power Cooperative
MISO / CWLP	City of Springfield, IL - CWLP
PJM / DVP zone	Avangrid Renewables
	Conetoe II Solar, LLC
	Covanta, Fairfax, Inc.
	Doswell Limited Partnership (GO)
	East Kentucky Power Cooperative
	Edgecombe Genco, LLC
	General Electric International - Birchwood
	New Creek Wind LLC
	Old Dominion Electric Cooperative
	Panda Stonewall LLC
	PJM Interconnection
	South Boston Energy, LLC
	Southampton Solar LLC
	Spruance Genco, LLC
	Summit Farms Solar, LLC
	Tenaska Virginia Partners, L.P.
	USACE - Wilmington District
Virginia Electric and Power Company – Fossil and Hydro (GO, GOP)	
Virginia Electric and Power Company – Nuclear (GO, GOP)	
Virginia Electric and Power Company (DP, TO)	

Note: MISO member Companies listed under the PC / Company heading will compile data of the other members listed in the second column under “Entities who have submitted data”.

Table 3 – SERC Planning Coordinator Members using their own process for MOD-032-1 short circuit modeling data submittal to the ERO or its designee. As in Table 1, those listed below have elected to provide modeling data to the SCDWG model building process, as necessary.

FRCC	Beaches Energy Services of Jacksonville Beach
	City of Leesburg
	Covanta Palm Beach Resource Recovery, LLC.
	Duke Energy Florida, LLC
	Florida Keys Electric Cooperative Assn
	Florida Municipal Power Agency
	Florida Municipal Power Pool
	Florida Power & Light Co.
	Florida Public Utilities Company
	Florida Reliability Coordinating Council, Inc.
	Fort Pierce Utilities Authority
	Gainesville Regional Utilities
	General Electric International - Shady Hills
	GenOn Florida
	Hardee Power Partners Limited
	Homestead, City of
	Indiantown Cogeneration LP
	JEA
	Kissimmee Utility Authority
	Lake Worth, City of
	Lakeland Electric
	New Smyrna Beach, Utilities Commission of
	Oleander Holdings, LLC
	Orlando Utilities Commission
	Reedy Creek Improvement District
	Seminole Electric Cooperative
	Stanton Clean Energy, LLC
	Tallahassee, City of
	Tampa Electric Company
	Vandolah Power Company, LLC