Utility	MT_UTILITY_NAME	PSEG-Long Island	Effective: 01/01/2023
Country	MT_COUNTRY	USA	
State	MT_STATE	NY	
Applicability Date	MT_APPLICABILITY_DATE	01/01/2023	
Power Conversion	MT_POWER_CONVERSION_DEV	SYNCHRONOUS_GENERATOR	
Normal Performance Category	MT_NP_NORMAL_OP_CAT-APP	CAT_A	
Abnormal Performance Category	MT_NP_ABNORMAL_OP_CAT-APP	CAT_I	

IEEE 1547 CLAUSE				
4.6.2	CAPABILITY TO LIMIT ACTIVE POWER		UNITS	PSEG-Required Setting
	Limit Active Power Enable	AP_LIMIT_P_ENABLE-SS	Mode	DISABLED
	Maximum Active Power Setting	AP_MAX_P-SS	% S	100
4.10	SERVICE CRITERIA		UNITS	PSEG-Required Setting
	Permit Service	ES_PERMIT_SERVICE-SS	Mode	ENABLED
	ES Voltage Low Setting	ES_V_LOW-SS	V p.u.	0.9
	ES Voltage High Setting	ES_V_HIGH-SS	V p.u.	1.05
	ES Frequency Low Setting	ES_F_LOW-SS	Hz	59.3
	ES Frequency High Setting	ES_F_HIGH-SS	Hz	60.5
	ES Randomized Delay	ES_RANDOMIZED_DELAY-SS	s	300
	ES Delay Setting	ES_DELAY-SS	s	300
	ES Ramp Rate Setting	ES_RAMP_RATE-SS	s	300
5.3.2	CONSTANT POWER FACTOR MODE(Specified Power Factor)		UNITS	PSEG-Required Setting
	Constant Power Factor Mode	CONST_PF_MODE_ENABLE-SS	Mode	ENABLED
	Constant Power Factor Excitation	CONST_PF_EXCITATION-SS	Mode	ABS
	Constant Power Factor setting	CONST_PF-SS	PF	1
5.3.5	CONSTANT REACTIVE POWER MODE		UNITS	PSEG-Required Setting
	Constant Reactive Power Mode Enable	CONST_Q_MODE_ENABLE-SS	Mode	DISABLED
	Constant Reactive Power Excitation	CONST_Q_MODE_EXCITATION-SS	% S	ABS
	Constant Reactive power setting	CONST_Q-SS	% S	0
5.3.3	VOLT-REACTIVE POWER(Volt-Var Mode, Q(V), Voltage-Droop)		UNITS	PSEG-Required Setting
	Voltage-Reactive Power Mode Enable	QV_MODE_ENABLE-SS	Mode	DISABLED
Near Nominal	Vref	QV_VREF-SS	V p.u.	1.03
Near Nominal	Autonomous Vref Adjustment Enable	QV_VREF_AUTO_MODE-SS	Mode	DISABLED
Near Nominal	Vref adjustment time Constant	QV_VREF_OLRT-SS	s	3000
Point 2	V/Q Curve Point V2 Setting	QV_CURVE_V2-SS	V p.u.	1.03
Point 2	V/Q Curve Point Q2 Setting	QV_CURVE_Q2-SS	Q p.u.	0
Point 3	V/Q Curve Point V3 Setting	QV_CURVE_V3-SS	V p.u.	1.03
Point 3	V/Q Curve Point Q3 Setting	QV_CURVE_Q3-SS	Q p.u.	0
Point 1	V/Q Curve Point V1 Setting	QV_CURVE_V1-SS	V p.u.	1.01
Point 1	V/Q Curve Point Q1 Setting	QV_CURVE_Q1-SS	Q p.u.	0.44
Point 4	V/Q Curve Point V4 Setting	QV_CURVE_V4-SS	V p.u.	1.05
Point 4	V/Q Curve Point Q4 Setting	QV_CURVE_Q4-SS	Q p.u.	-0.25
	QV Open Loop Response Time Setting	QV_OLRT-SS	s	5
6.4.1	MANDATORY VOLTAGE TRIPPING CHARACTERISTICS		UNITS/MODE	PSEG-Required Setting
OV2	HV Trip Curve Point OV2 Setting	OV2_TRIP_V-SS	V p.u.	1.2
OV2	HV Trip Curve Point OV2 Setting	OV2_TRIP_T-SS	s	0.16
OV1	HV Trip Curve Point OV1 Setting	OV1_TRIP_V-SS	V p.u.	1.1
OV1	HV Trip Curve Point OV1 Setting	OV1_TRIP_T-SS	s	1
UV1	LV Curve Trip Point UV1 Setting	UV1_TRIP_V-SS	V p.u.	0.88
UV1	LV Curve Trip Point UV1 Setting	UV1_TRIP_T-SS	s	5
UV2	LV Curve Trip Point UV2 Setting	UV2_TRIP_V-SS	V p.u.	0.5
UV2	LV Curve Trip Point UV2 Setting	UV2_TRIP_T-SS	s	0.16
6.5.1	MANDATORY FREQUENCY TRIPPING CHARACTERISTICS		UNITS/MODE	PSEG-Required Setting
OF2	OF Curve Trip Point OF2 Setting	OF2_TRIP_F-SS	Hz	62
OF2	OF Curve Trip Point OF2 Setting	OF2_TRIP_T-SS	s	0.16
OF1	OF Curve Trip Point OF1 Setting	OF1_TRIP_F-SS	Hz	61.2
OF1	OF Curve Trip Point OF1 Setting	OF1_TRIP_T-SS	s	300
UF1	UF Curve Trip Point UF1 Setting	UF1_TRIP_F-SS	Hz	58.5
UF1	UF Curve Trip Point UF1 Setting	UF1_TRIP_T-SS	s	300
UF2	UF Curve Trip Point UF2 Setting	UF2_TRIP_F-SS	Hz	56.5
UF2	UF Curve Trip Point UF2 Setting	UF2_TRIP_T-SS	s	0.16
6.5.2.7.2	FREQUENCY-DROOP(Frequency-Watt, P(f))		UNITS	PSEG-Required Setting
	Frequency-Active Power Mode Enable	PF_MODE_ENABLE-SS	Mode	ENABLED
Deadband	Overfrequency Droop dbOF Setting	PF_DBOF-SS	Hz	0.036
Deadband	Underfrequency Droop dbUF Setting	PF_DBUF-SS	Hz	0.036
Coefficient	Overfrequency Droop kOF Setting	PF_KOF-SS	unitless	0.05
Coefficient	Underfrequency Droop kUF Setting	PF_KUF-SS	unitless	0.05
	P(f) Open Loop Response Time Setting	PF_OLRT-SS	s	5

DER Performance categories, defined in IEEE 1547, are assigned as follows:

a. Synchronous and induction generator DER shall meet or exceed the requirements specified for Performance Category I.

b. Photovoltaic or battery energy storage DER shall meet or exceed the requirements specified for Performance Category III.

c. All other inverter-based DER shall meet or exceed the requirements specified for Performance Category II. Category II shall not be applied to Photovoltaic (solar) and battery energy storage.

	Utility	MT_UTILITY_NAME	PSEG-Long Island
	Country	MT_COUNTRY	USA
	State	MT_STATE	NY
	Applicability Date	MT_APPLICABILITY_DATE	01/01/2023
	Power Conversion	MT_POWER_CONVERSION_DEV	INVERTER
	Normal Performance Category	MT_NP_NORMAL_OP_CAT-APP	CAT_B
	Abnormal Performance Category	MT_NP_ABNORMAL_OP_CAT-APP	CAT_II

Effective: 01/01/2023

IEEE 1547 CLAUSE					
4.6.2	CAPABILITY TO LIMIT ACTIVE POWER			UNITS	PSEG-Required Setting
		Limit Active Power Enable	AP_LIMIT_P_ENABLE-SS	Mode	DISABLED
		Maximum Active Power Setting	AP_MAX_P-SS	% S	100
4.1	SERVICE CRITERIA			UNITS	PSEG-Required Setting
		Permit Service	ES_PERMIT_SERVICE-SS	Mode	ENABLED
		ES Voltage Low Setting	ES_V_LOW-SS	V p.u.	0.9
		ES Voltage High Setting	ES_V_HIGH-SS	V p.u.	1.05
		ES Frequency Low Setting	ES_F_LOW-SS	Hz	59.3
		ES Frequency High Setting	ES_F_HIGH-SS	Hz	60.5
		ES Randomized Delay	ES_RANDOMIZED_DELAY-SS	s	300
		ES Delay Setting	ES_DELAY-SS	s	300
		ES Ramp Rate Setting	ES_RAMP_RATE-SS	s	300
5.3.2	CONSTANT POWER FACTOR MODE(Specified Power Factor)			UNITS	PSEG-Required Setting
		Constant Power Factor Mode	CONST_PF_MODE_ENABLE-SS	Mode	ENABLED
		Constant Power Factor Excitation	CONST_PF_EXCITATION-SS	Mode	ABS
		Constant Power Factor setting	CONST_PF-SS	PF	1
5.3.5	CONSTANT REACTIVE POWER MODE			UNITS	PSEG-Required Setting
		Constant Reactive Power Mode Enable	CONST_Q_MODE_ENABLE-SS	Mode	DISABLED
		Constant Reactive Power Excitation	CONST_Q_MODE_EXCITATION-SS	% S	ABS
		Constant Reactive power setting	CONST_Q-SS	% S	0
5.3.3	VOLT-REACTIVE POWER(Volt-Var Mode, Q(V), Voltage-Droop)			UNITS	PSEG-Required Setting
		Voltage-Reactive Power Mode Enable	QV_MODE_ENABLE-SS	Mode	DISABLED
	Near Nominal	Vref	QV_VREF-SS	V p.u.	1.03
		Autonomous Vref Adjustment Enable	QV_VREF_AUTO_MODE-SS	Mode	DISABLED
		Vref adjustment time Constant	QV_VREF_OLRT-SS	s	3000
	Point 2	V/Q Curve Point V2 Setting	QV_CURVE_V2-SS	V p.u.	1.025
		V/Q Curve Point Q2 Setting	QV_CURVE_Q2-SS	Q p.u.	0
	Point 3	V/Q Curve Point V3 Setting	QV_CURVE_V3-SS	V p.u.	1.035
		V/Q Curve Point Q3 Setting	QV_CURVE_Q3-SS	Q p.u.	0
	Point 1	V/Q Curve Point V1 Setting	QV_CURVE_V1-SS	V p.u.	1.005
		V/Q Curve Point Q1 Setting	QV_CURVE_Q1-SS	Q p.u.	0.44
	Point 4	V/Q Curve Point V4 Setting	QV_CURVE_V4-SS	V p.u.	1.055
		V/Q Curve Point Q4 Setting	QV_CURVE_Q4-SS	Q p.u.	-0.44
		QV Open Loop Response Time Setting	QV_OLRT-SS	s	5
5.3.4	ACTIVE POWER-REACTIVE POWER(Watt-Var Mode, Q(P))			UNITS	PSEG-Required Setting
		Active Power Reactive Power Mode Enable	QP_MODE_ENABLE-SS	Mode	DISABLED
	Active Power, Generation	P-Q curve P3 Setting	QP_CURVE_P3_GEN-SS	P p.u.	1
		P-Q curve P2P-Q Setting	QP_CURVE_P2_GEN-SS	P p.u.	0.5
		P-Q curve P1 Setting	QP_CURVE_P1_GEN-SS	P p.u.	0.2
	Active Power, Absorption	P-Q curve P3 Setting	QP_CURVE_P1_LOAD-SS	P p.u.	-0.2
		P-Q curve P3 Setting	QP_CURVE_P2_LOAD-SS	P p.u.	-0.5
		P-Q curve P3 Setting	QP_CURVE_P3_LOAD-SS	P p.u.	-1
	Reactive Power, Generation	P-Q curve P3 Setting	QP_CURVE_Q3_GEN-SS	S p.u.	-0.44
		P-Q curve P3 Setting	QP_CURVE_Q2_GEN-SS	Q p.u.	0
		P-Q curve P3 Setting	QP_CURVE_Q1_GEN-SS	Q p.u.	0
	Reactive Power, Absorption	P-Q curve P3 Setting	QP_CURVE_Q1_LOAD-SS	Q p.u.	0
		P-Q curve P3 Setting	QP_CURVE_Q2_LOAD-SS	Q p.u.	0
		P-Q curve P3 Setting	QP_CURVE_Q3_LOAD-SS	S p.u.	0.44
5.4.2	VOLT-ACTIVE POWER MODE(Volt-Watt Mode, P(V))			UNITS	PSEG-Required Setting
		Voltage-Active Power Mode Enable	PV_MODE_ENABLE-SS	Mode	DISABLED
	Point 1	PV Curve Point V1 Setting	PV_CURVE_V1-SS	V p.u.	1.08
		PV Curve Point P1 Setting	PV_CURVE_P1-SS	P p.u.	1
	Point 2	PV Curve Point V2 Setting	PV_CURVE_V2-SS	V p.u.	1.1
		PV Curve Point P2 gen Setting	PV_CURVE_P2_GEN-SS	P p.u.	0
		PV Curve Point P'2 load Setting	PV_CURVE_P2_LOAD-SS	P p.u.	0
		P(V) Open Loop Response time Setting	PV_OLRT-SS	s	2
6.4.1	MANDATORY VOLTAGE TRIPPING CHARACTERISTICS			UNITS/MODE	PSEG-Required Setting
	OV2	HV Trip Curve Point OV2 Setting	OV2_TRIP_V-SS	V p.u.	1.2
		HV Trip Curve Point OV2 Setting	OV2_TRIP_T-SS	s	0.16
	OV1	HV Trip Curve Point OV1 Setting	OV1_TRIP_V-SS	V p.u.	1.1
		HV Trip Curve Point OV1 Setting	OV1_TRIP_T-SS	s	1
	UV1	LV Curve Trip Point UV1 Setting	UV1_TRIP_V-SS	V p.u.	0.88
		LV Curve Trip Point UV1 Setting	UV1_TRIP_T-SS	s	5
	UV2	LV Curve Trip Point UV2 Setting	UV2_TRIP_V-SS	V p.u.	0.5
		LV Curve Trip Point UV2 Setting	UV2_TRIP_T-SS	s	0.16
6.5.1	MANDATORY FREQUENCY TRIPPING CHARACTERISTICS			UNITS/MODE	PSEG-Required Setting
	OF2	OF Curve Trip Point OF2 Setting	OF2_TRIP_F-SS	Hz	62
		OF Curve Trip Point OF2 Setting	OF2_TRIP_T-SS	s	0.16
	OF1	OF Curve Trip Point OF1 Setting	OF1_TRIP_F-SS	Hz	61.2
		OF Curve Trip Point OF1 Setting	OF1_TRIP_T-SS	s	300
	UF1	UF Curve Trip Point UF1 Setting	UF1_TRIP_F-SS	Hz	58.5
		UF Curve Trip Point UF1 Setting	UF1_TRIP_T-SS	s	300
	UF2	UF Curve Trip Point UF2 Setting	UF2_TRIP_F-SS	Hz	56.5
		UF Curve Trip Point UF2 Setting	UF2_TRIP_T-SS	s	0.16
6.5.2.7.2	FREQUENCY-DROOP(Frequency-Watt, P(f))			UNITS	PSEG-Required Setting
		Frequency-Active Power Mode Enable	PF_MODE_ENABLE-SS	Mode	ENABLED
	Deadband	Overfrequency Droop dbOF Setting	PF_DBOF-SS	Hz	0.036
		Underfrequency Droop dbUF Setting	PF_DBUF-SS	Hz	0.036
	Coefficient	Overfrequency Droop kOF Setting	PF_KOF-SS	unitless	0.05
		Underfrequency Droop kUF Setting	PF_KUF-SS	unitless	0.05
		P(f) Open Loop Response Time Setting	PF_OLRT-SS	s	5

DER Performance categories, defined in IEEE 1547, are assigned as follows:

a. Synchronous and induction generator DER shall meet or exceed the requirements specified for Performance Category I.

b. Photovoltaic or battery energy storage DER shall meet or exceed the requirements specified for Performance Category III.

c. All other inverter-based DER shall meet or exceed the requirements specified for Performance Category II. Category II shall not be applied to Photovoltaic (solar) and battery energy storage.

Utility	MT_UTILITY_NAME	PSEG-Long Island
Country	MT_COUNTRY	USA
State	MT_STATE	NY
Applicability Date	MT_APPLICABILITY_DATE	01/01/2023
Power Conversion	MT_POWER_CONVERSION_DEV	INVERTER
Normal Performance Category	MT_NP_NORMAL_OP_CAT-APP	CAT_B
Abnormal Performance Category	MT_NP_ABNORMAL_OP_CAT-APP	CAT_III

Effective: 01/01/2023

IEEE 1547 CLAUSE				
4.6.2	CAPABILITY TO LIMIT ACTIVE POWER		UNITS	PSEG-Required Setting
	Limit Active Power Enable	AP_LIMIT_P_ENABLE-SS	Mode	DISABLED
	Maximum Active Power Setting	AP_MAX_P-SS	% S	100
4.1	SERVICE CRITERIA		UNITS	PSEG-Required Setting
	Permit Service	ES_PERMIT_SERVICE-SS	Mode	ENABLED
	ES Voltage Low Setting	ES_V_LOW-SS	V p.u.	0.9
	ES Voltage High Setting	ES_V_HIGH-SS	V p.u.	1.05
	ES Frequency Low Setting	ES_F_LOW-SS	Hz	59.3
	ES Frequency High Setting	ES_F_HIGH-SS	Hz	60.5
	ES Randomized Delay	ES_RANDOMIZED_DELAY-SS	s	300
	ES Delay Setting	ES_DELAY-SS	s	300
	ES Ramp Rate Setting	ES_RAMP_RATE-SS	s	300
5.3.2	CONSTANT POWER FACTOR MODE(Specified Power Factor)		UNITS	PSEG-Required Setting
	Constant Power Factor Mode	CONST_PF_MODE_ENABLE-SS	Mode	ENABLED
	Constant Power Factor Excitation	CONST_PF_EXCITATION-SS	Mode	ABS
	Constant Power Factor setting	CONST_PF-SS	PF	1
5.3.5	CONSTANT REACTIVE POWER MODE		UNITS	PSEG-Required Setting
	Constant Reactive Power Mode Enable	CONST_Q_MODE_ENABLE-SS	Mode	DISABLED
	Constant Reactive Power Excitation	CONST_Q_MODE_EXCITATION-SS	% S	ABS
	Constant Reactive power setting	CONST_Q-SS	% S	0
5.3.3	VOLT-REACTIVE POWER(Volt-Var Mode, Q(V), Voltage-Droop)		UNITS	PSEG-Required Setting
	Voltage-Reactive Power Mode Enable	QV_MODE_ENABLE-SS	Mode	DISABLED
Near Nominal	Vref	QV_VREF-SS	V p.u.	1.03
Near Nominal	Autonomous Vref Adjustment Enable	QV_VREF_AUTO_MODE-SS	Mode	DISABLED
Near Nominal	Vref adjustment time Constant	QV_VREF_OLRT-SS	s	3000
Point 2	V/Q Curve Point V2 Setting	QV_CURVE_V2-SS	V p.u.	1.025
Point 2	V/Q Curve Point Q2 Setting	QV_CURVE_Q2-SS	Q p.u.	0
Point 3	V/Q Curve Point V3 Setting	QV_CURVE_V3-SS	V p.u.	1.035
Point 3	V/Q Curve Point Q3 Setting	QV_CURVE_Q3-SS	Q p.u.	0
Point 1	V/Q Curve Point V1 Setting	QV_CURVE_V1-SS	V p.u.	1.005
Point 1	V/Q Curve Point Q1 Setting	QV_CURVE_Q1-SS	Q p.u.	0.44
Point 4	V/Q Curve Point V4 Setting	QV_CURVE_V4-SS	V p.u.	1.055
Point 4	V/Q Curve Point Q4 Setting	QV_CURVE_Q4-SS	Q p.u.	-0.44
	QV Open Loop Response Time Setting	QV_OLRT-SS	s	5
5.3.4	ACTIVE POWER-REACTIVE POWER(Watt-Var Mode, Q(P))		UNITS	PSEG-Required Setting
	Active Power Reactive Power Mode Enable	QP_MODE_ENABLE-SS	Mode	DISABLED
Active Power, Generation	P-Q curve P3 Setting	QP_CURVE_P3_GEN-SS	P p.u.	1
Active Power, Generation	P-Q curve P2P-Q Setting	QP_CURVE_P2_GEN-SS	P p.u.	0.5
Active Power, Generation	P-Q curve P1 Setting	QP_CURVE_P1_GEN-SS	P p.u.	0.2
Active Power, Absorption	P-Q curve P3 Setting	QP_CURVE_P1_LOAD-SS	P p.u.	-0.2
Active Power, Absorption	P-Q curve P3 Setting	QP_CURVE_P2_LOAD-SS	P p.u.	-0.5
Active Power, Absorption	P-Q curve P3 Setting	QP_CURVE_P3_LOAD-SS	P p.u.	-1
Reactive Power, Generation	P-Q curve P3 Setting	QP_CURVE_Q3_GEN-SS	S p.u.	-0.44
Reactive Power, Generation	P-Q curve P3 Setting	QP_CURVE_Q2_GEN-SS	Q p.u.	0
Reactive Power, Generation	P-Q curve P3 Setting	QP_CURVE_Q1_GEN-SS	Q p.u.	0
Reactive Power, Absorption	P-Q curve P3 Setting	QP_CURVE_Q1_LOAD-SS	Q p.u.	0
Reactive Power, Absorption	P-Q curve P3 Setting	QP_CURVE_Q2_LOAD-SS	Q p.u.	0
Reactive Power, Absorption	P-Q curve P3 Setting	QP_CURVE_Q3_LOAD-SS	S p.u.	0.44
5.4.2	VOLT-ACTIVE POWER MODE(Volt-Watt Mode, P(V))		UNITS	PSEG-Required Setting
	Voltage-Active Power Mode Enable	PV_MODE_ENABLE-SS	Mode	DISABLED
Point 1	PV Curve Point V1 Setting	PV_CURVE_V1-SS	V p.u.	1.08
Point 1	PV Curve Point P1 Setting	PV_CURVE_P1-SS	P p.u.	1
Point 2	PV Curve Point V2 Setting	PV_CURVE_V2-SS	V p.u.	1.1
Point 2	PV Curve Point P2 gen Setting	PV_CURVE_P2_GEN-SS	P p.u.	0
Point 2	PV Curve Point P'2 load Setting	PV_CURVE_P2_LOAD-SS	P p.u.	0
	P(V) Open Loop Response time Setting	PV_OLRT-SS	s	2
6.4.1	MANDATORY VOLTAGE TRIPPING CHARACTERISTICS		UNITS/MODE	PSEG-Required Setting
OV2	HV Trip Curve Point OV2 Setting	OV2_TRIP_V-SS	V p.u.	1.2
OV2	HV Trip Curve Point OV2 Setting	OV2_TRIP_T-SS	s	0.16
OV1	HV Trip Curve Point OV1 Setting	OV1_TRIP_V-SS	V p.u.	1.1
OV1	HV Trip Curve Point OV1 Setting	OV1_TRIP_T-SS	s	2
UV1	LV Curve Trip Point UV1 Setting	UV1_TRIP_V-SS	V p.u.	0.88
UV1	LV Curve Trip Point UV1 Setting	UV1_TRIP_T-SS	s	5
UV2	LV Curve Trip Point UV2 Setting	UV2_TRIP_V-SS	V p.u.	0.5
UV2	LV Curve Trip Point UV2 Setting	UV2_TRIP_T-SS	s	1.1
6.4.2.7.3	MOMENTARY CESSATION PARAMETERS (NOT MANDATORY)		UNITS/MODE	PSEG-Required Setting
	HV MomCess Curve Point V1 Setting	MC_HVRT_V1-SS	V p.u.	1.1
LV	LV MomCess Curve Point V1 Setting	MC_LVRT_V1-SS	V p.u.	0.5
6.5.1	MANDATORY FREQUENCY TRIPPING CHARACTERISTICS		UNITS/MODE	PSEG-Required Setting
OF2	OF Curve Trip Point OF2 Setting	OF2_TRIP_F-SS	Hz	62
OF2	OF Curve Trip Point OF2 Setting	OF2_TRIP_T-SS	s	0.16
OF1	OF Curve Trip Point OF1 Setting	OF1_TRIP_F-SS	Hz	61.2
OF1	OF Curve Trip Point OF1 Setting	OF1_TRIP_T-SS	s	300
UF1	UF Curve Trip Point UF1 Setting	UF1_TRIP_F-SS	Hz	58.5
UF1	UF Curve Trip Point UF1 Setting	UF1_TRIP_T-SS	s	300
UF2	UF Curve Trip Point UF2 Setting	UF2_TRIP_F-SS	Hz	56.5
UF2	UF Curve Trip Point UF2 Setting	UF2_TRIP_T-SS	s	0.16
6.5.2.7.2	FREQUENCY-DROOP(Frequency-Watt, P(f))		UNITS	PSEG-Required Setting
	Frequency-Active Power Mode Enable	PF_MODE_ENABLE-SS	Mode	ENABLED
Deadband	Overfrequency Droop dbOF Setting	PF_DBOF-SS	Hz	0.036
Deadband	Underfrequency Droop dbUF Setting	PF_DBUF-SS	Hz	0.036
Coefficient	Overfrequency Droop kOF Setting	PF_KOF-SS	unitless	0.05
Coefficient	Underfrequency Droop kUF Setting	PF_KUF-SS	unitless	0.05
	P(f) Open Loop Response Time Setting	PF_OLRT-SS	s	5

DER Performance categories, defined in IEEE 1547, are assigned as follows:

a. Synchronous and induction generator DER shall meet or exceed the requirements specified for Performance Category I.

b. Photovoltaic or battery energy storage DER shall meet or exceed the requirements specified for Performance Category III.

c. All other inverter-based DER shall meet or exceed the requirements specified for Performance Category II. Category II shall not be applied to Photovoltaic (solar) and battery energy storage.