

Residential Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Residential Overhead Metering Requirements for a 1-Phase Customer									
200	OH, 1-Phase	OH, 1-Phase	120/240	Self Enclosed	Weather head	1/6	<u>Secondary</u> <ul style="list-style-type: none"> • Service Mast/Roof Jack • Service entrance conductors (<i>beyond weather head</i>) • Terminate service entrance conductors at source side of meter base • Meter base • Meter base ground wire and ground rod • Main disconnect (<i>service panel</i>) • Customer conductors (<i>from load side of meter base to main disconnect</i>) • Terminate customer conductors 	<u>Secondary</u> <ul style="list-style-type: none"> • Service cable (<i>up to weather head</i>) • Terminate service cable 	4-5
Residential UG Metering Requirements for Multiple 1-Phase Customers Served from an Existing UG Padmount Transformer/Pedestal									
200	UG, 1-Phase, Padmount /Pedestal, (Existing)	UG, 1-Phase	120/240	Self Enclosed	Meter base	2/12	<u>Secondary</u> <ul style="list-style-type: none"> • Secondary conduit (<i>padmount/pedestal to meter base</i>) • Meter base • Meter base ground wire and ground rod • Main disconnect (<i>service panel</i>) • Customer conductors (<i>from load side of meter base to main disconnect</i>) • Terminate customer conductors 	<u>Secondary</u> <ul style="list-style-type: none"> • Secondary conductors • Terminate secondary conductors 	7-9
Residential UG Metering Requirements for Multiple 1-Phase Customers Served from a New UG Padmount Transformer									
200	UG, 1-Phase, Padmount, (New)	UG, 1-Phase	120/240	Self Enclosed	Meter base	3/13	<u>Primary</u> <ul style="list-style-type: none"> • Primary conduit (<i>source to padmount</i>) <u>Secondary</u> <ul style="list-style-type: none"> • Secondary conduit (<i>padmount to meter base</i>) • Meter base • Meter base ground wire and ground rod • Main disconnect (<i>service panel</i>) • Customer conductors (<i>from load side of meter base to main disconnect</i>) • Terminate customer conductors 	<u>Primary</u> <ul style="list-style-type: none"> • Primary conductors • Terminate primary conductors at padmount • Padmount transformer (<i>associated pad and grounding</i>) • Switch cans (<i>if required</i>) <u>Secondary</u> <ul style="list-style-type: none"> • Secondary conductors • Terminate secondary conductors 	<u>Secondary</u> 7-9 <u>Primary</u> 10-11
Residential UG Metering Requirements for a 1-Phase Customer Served from an Existing OH Transformer									
200	OH, 1-Phase	UG, 1-Phase	120/240	Self Enclosed	Meter base	4/14	<u>Secondary</u> <ul style="list-style-type: none"> • Secondary conduit (<i>weather head to meter base</i>) • Meter base • Meter base ground wire and ground rod • Main disconnect (<i>service panel</i>) • Customer conductors (<i>from load side of meter base to main disconnect</i>) • Terminate customer conductors 	<u>Secondary</u> <ul style="list-style-type: none"> • Secondary conductors • Terminate secondary conductors 	7-9
Residential Underground Meter Pole Requirements									
200	UG, 1-Phase, Padmount, (Existing)	UG, 1-Phase, Meter Pole	120/240	Self Enclosed	Meter base	5/19	<u>Secondary</u> <ul style="list-style-type: none"> • UG Meter pole • Secondary conduit (<i>padmount to meter base</i>) • Meter base • Meter base ground wire and ground rod • Main disconnect (<i>service panel</i>) • Customer conductors (<i>from load side of meter base to main disconnect</i>) • Terminate customer conductors 	<u>Secondary</u> <ul style="list-style-type: none"> • Secondary conductors • Terminate secondary conductors 	15-18

Residential Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Residential Overhead Meter Pole Requirements									
200	OH, 1-Phase	OH, 1-Phase, Meter Pole	120/240	Self Enclosed	Weather head	6/23	<u>Secondary</u> <ul style="list-style-type: none"> • OH Meter pole (<i>guying if required</i>) • Service Mast • Service entrance conductors (<i>beyond weather head</i>) • Terminate service entrance conductors at source side of meter base • Meter base • Meter base ground wire and ground rod • Pole ground • Main disconnect (<i>service panel</i>) • Customer conductors (<i>from load side of meter base to main disconnect</i>) • Terminate customer conductors 	<u>Secondary</u> <ul style="list-style-type: none"> • Service cable (<i>up to weather head</i>) • Terminate service cable 	20-22
Residential UG CT Metering Requirements for Multiple 1-Phase Customers Served from an Existing UG Padmount Transformer									
> 200 <=400	UG, 1-Phase, Padmount, (Existing)	UG, 1-Phase	120/240	CT Metering	Disconnect Switch	9/31	<u>Secondary</u> <ul style="list-style-type: none"> • Secondary conduit (<i>padmount to CT enclosure</i>) • CT Enclosure (<i>install SLEMCO furnished CT</i>) • Disconnect switch • Install SLEMCO furnished meter base • Conduit between equipment • Metering and main ground wires and ground rods • Customer conductors (<i>from load side of disconnect switch to main disconnects</i>) • Terminate customer conductors • Main disconnects (<i>service panels</i>) 	<u>Secondary</u> <ul style="list-style-type: none"> • Secondary conductors • Terminate secondary conductors 	26-30
> 400	UG, 1-Phase, Padmount, (Existing)	UG, 1-Phase	120/240	CT Metering	Padmount	9/31	<u>Secondary</u> <ul style="list-style-type: none"> • Secondary conductors • Terminate secondary conductors • Secondary conduit (<i>padmount to CT enclosure</i>) • CT Enclosure (<i>install SLEMCO furnished CT</i>) • Disconnect switch • Install SLEMCO furnished meter base • Conduit between equipment • Metering and main ground wires and ground rods • Customer conductors (<i>from load side of disconnect switch to main disconnects</i>) • Terminate customer conductors • Main disconnects (<i>service panels</i>) 		26-30

Residential Service Requirements - Cross Reference Table

Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Residential UG CT Metering Requirements for Multiple 1-Phase Customers Served from a New UG Padmount Transformer									
> 200 <=400	UG, 1-Phase, Padmount, (New)	UG, 1-Phase	120/240	CT Metering	Disconnect Switch	10/32	<u>Primary</u> <ul style="list-style-type: none"> • Primary conduit (<i>source to padmount</i>) <u>Secondary</u> <ul style="list-style-type: none"> • Secondary conduit (<i>padmount to CT enclosure</i>) • CT Enclosure (<i>install SLEMCO furnished CT</i>) • Disconnect switch • Install SLEMCO furnished meter base • Conduit between equipment • Metering and main ground wires and ground rods • Customer conductors (<i>from load side of disconnect switch to main disconnects</i>) • Terminate customer conductors • Main disconnects (<i>service panels</i>) 	<u>Primary</u> <ul style="list-style-type: none"> • Primary conductors • Terminate primary conductors at padmount • Padmount transformer (<i>associated pad and grounding</i>) • Switch cans (<i>if required</i>) <u>Secondary</u> <ul style="list-style-type: none"> • Secondary conductors • Terminate secondary conductors 	<u>Primary</u> 10-11 <u>Secondary</u> 26-30
> 400	UG, 1-Phase, Padmount, (New)	UG, 1-Phase	120/240	CT Metering	Padmount	10/32	<u>Primary</u> <ul style="list-style-type: none"> • Primary conduit (<i>source to padmount</i>) <u>Secondary</u> <ul style="list-style-type: none"> • Secondary conductors • Terminate secondary conductors • Secondary conduit (<i>padmount to CT enclosure</i>) • CT Enclosure (<i>install SLEMCO furnished CT</i>) • Disconnect switch • Install SLEMCO furnished meter base • Conduit between equipment • Metering and main ground wires and ground rods • Customer conductors (<i>from load side of disconnect switch to main disconnects</i>) • Terminate customer conductors • Main disconnects (<i>service panels</i>) 	<u>Primary</u> <ul style="list-style-type: none"> • Primary conductors • Terminate primary conductors at padmount • Padmount transformer (<i>associated pad and grounding</i>) • Switch cans (<i>if required</i>) 	<u>Primary</u> 10-11 <u>Secondary</u> 26-30

Residential Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Residential UG CT Metering Requirements for a 1-Phase Customer Served from an Existing OH Transformer Bank									
> 200 <=400	OH, 1-Phase	UG, 1-Phase	120/240	CT Metering	Disconnect Switch	11/33	<u>Secondary</u> <ul style="list-style-type: none"> • Secondary conduit (<i>weather head to CT enclosure</i>) • CT Enclosure (<i>install SLEMCO furnished CT</i>) • Disconnect switch • Install SLEMCO furnished meter base • Conduit between equipment • Metering and main ground wires and ground rods • Customer conductors (<i>from load side of disconnect switch to main disconnects</i>) • Terminate customer conductors • Main disconnects (<i>service panels</i>) 	<u>Secondary</u> <ul style="list-style-type: none"> • Secondary conductors • Terminate secondary conductors 	26-30
> 400	OH, 1-Phase	UG, 1-Phase	120/240	CT Metering	Weather head	11/33	<u>Secondary</u> <ul style="list-style-type: none"> • Secondary conductors (<i>beyond weather head</i>) • Terminate secondary conductors at load side disconnect switch • Secondary conduit (<i>weather head to CT enclosure</i>) • CT Enclosure (<i>install SLEMCO furnished CT</i>) • Disconnect switch • Install SLEMCO furnished meter base • Conduit between equipment • Metering and main ground wires and ground rods • Customer conductors (<i>from load side of disconnect switch to main disconnects</i>) • Terminate customer conductors • Main disconnects (<i>service panels</i>) 	<u>Secondary</u> <ul style="list-style-type: none"> • Service cable (<i>up to weather head</i>) • Terminate service cable 	26-30
Residential Overhead CT Metering Requirements for a 1-Phase Customer									
> 200	OH, 1-Phase	OH, 1-Phase	120/240	CT Metering	Weather head	12/37	<u>Secondary</u> <ul style="list-style-type: none"> • Service Mast • Service entrance conductors (<i>beyond weather head</i>) • Terminate service entrance conductors at load side disconnect switch • CT Enclosure (<i>install SLEMCO furnished CT</i>) • Disconnect switch • Install SLEMCO furnished meter base • Conduit between equipment • Metering and main ground wires and ground rods • Customer conductors (<i>from load side of disconnect switch to main disconnects</i>) • Terminate customer conductors • Main disconnects (<i>service panels</i>) 	<u>Secondary</u> <ul style="list-style-type: none"> • Service cable (<i>up to weather head</i>) • Terminate service cable 	34-36