

# Electrical Rental Information

All orders are governed by the GES Payment Policy and GES Terms & Conditions of Contract as specified in this Exhibitor Services Manual.

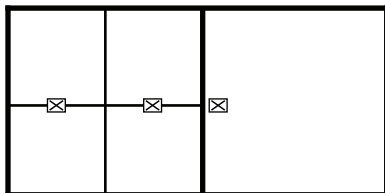


## ELECTRICAL ORDER CHECKLIST:

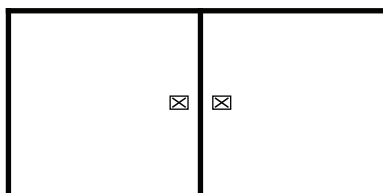
- Check rating plates on your equipment to ensure that you will have the proper power to operate your display.
- Do you require additional lighting? We can handle a variety of lighting options to enhance your display.
- Order 24 Hour power if required for refrigeration, computer systems, water pumps, heaters, etc.
- If distribution is required, include a detailed electrical floor plan. Indicate both main power location(s) and distribution location(s). You may use the Booth Layout (Form H-3) for this purpose or provide your own floor plan.
- For safety reasons inspections may be conducted at show site for any electrical work performed by non-TSE personnel. A fee of \$ 289.00 may be assessed.
- Indicate your electrical labor requirements for equipment hook-ups and/or power distribution on the Electrical Labor Order Form.
- You may pre-wire your equipment to match our receptacles. Here is a list of the plugs that match our equipment receptacles:
  - 15 amp 120 volt: Standard U-ground cord cap
  - 20 amp 208 volt 1Ø or 3Ø: Leviton 3521 or Hubbell 3521
  - 60 amp 208 volt 1Ø or 3Ø: Aero Plug Y560P or Daniel Woodhead Plug Y560P
  - 100 amp 208 volt 1Ø or 3Ø: J-Tech Plug J5100P or Litton-Veam Plug CIR01GRH
- Avoid code violations. Check the electrical code requirements on this information sheet.
- Labor is available to install and remove coaxial, fiber optic and twisted-pair cables for booth to booth, booth to satellite dish, and within the booth.
- To secure the discount rate, the following must be received by the discount deadline date:
  - Complete form of payment including credit card authorization (3rd party see G-3 form)
  - E-2 Electrical Rental Order Form
  - E-3 Electrical Labor Order Form with dates & times
  - H-3 Booth Layout Form or customer supplied scaled floor plan in CAD or pdf format (diagram must include MDL for power, distribution, orientation and all 1000watt overhead focus points)

### Where will my outlet be located?

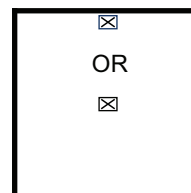
There are four different types of trade show booths: Line Booths, Peninsula Booths, Back-to-Back Peninsula Booths, Pavilion Booths, and Island Booths. Each type of booth has its own standard method of installation. In the following diagrams, the symbol represents the approximate location of power outlets. Main drop locations must be indicated on the floor plan as MDL:



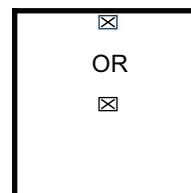
Line Booths



Peninsula Booths



Back-to-Back Peninsula Booths

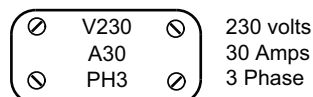
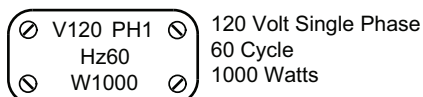


Island/Pavillion Booths

One drop within booth when power source is in ceiling or one location on perimeter when power is in the floor.

### How much power do I need?

Calculate your lighting needs by adding wattage in each location. For other equipment, read the ratings from the metal plates attached to each unit.



Line Booths, Peninsula Booths, or Back-to-Back Peninsula Booths: Your pre-ordered electrical outlet will be installed at the rear of your booth, at the drape line.

Island or Pavilion Booths: You need to designate one location for each outlet you order. Multiple outlet locations will be charged on a labor and material basis. For facilities with power originating in the floor, your electrical outlet will be placed at one location at our discretion. All other distribution will be done on a time and material basis. If you fail to provide us with a floor plan, outlet will be placed at one location at our discretion.

## ELECTRICAL CODE

Electrical requirements for an exhibit at all convention facilities are for the safety of all Exhibitors and are based on national electrical codes and local ordinances.

Too frequently, fires have been traceable to faulty wiring, sometimes because of carelessness and sometimes because of lack of understanding of the risks involved.

In the interest of public safety, exhibits at all convention facilities may be inspected to determine if any violations exist. If they are found, qualified electricians are available to correct the problems. This work will be performed on a time and materials basis. If the Exhibitor does not wish to have the fault corrected, electrical service to the offending booth will not be connected.

If an Exhibitor is not informed or does not understand basic safety standards for electrical wiring, an electrician should be consulted before shipment is made to convention facilities.

Serious risks are involved which can be eliminated by understanding basic requirements of safe wiring inside your booth. For the safety of you and the public, remember these points:

- All wiring must have a 3-wire grounded cord with a minimum of #14 gauge.
- Spot or flood lighting is a hazard when lamps are too close to fabrics or other material which can be affected by heat.
- The use of clip-on sign sockets, latex, or lamp cord wire in displays, or the use of 2-wire clamp on fixtures, is prohibited by order of fire prevention bureaus at trade shows and conventions.
- Zip cords or two-wire cords are ungrounded and could result in safety hazards. Their use is forbidden in all convention facilities. Please leave all 2-wire cords at home!
- Exhibitor is responsible for providing surge protectors for their Goods. TSE is not responsible for loss or damage resulting from power surges. Furthermore, TSE's liability for any and all loss or damage is limited to the value of the cost of electrical services provided or depreciated value of Goods, whichever is less.

If you have any questions, please call us at 800.475.2098

## NEED ASSISTANCE?

Toll Free: 800.475.2098 Tel: 702.515.5970 www.ges.com/chat

Order directly with GES ONLINE at: [www.ges.com](http://www.ges.com)



# Electrical Rental Order Form

E-2

RETURN WITH G-2: PAYMENT & CREDIT CARD CHARGE AUTHORIZATION FORM TO:

GES Exposition Services • 7050 Lindell Road, Las Vegas, NV 89118-4702 • Fax: 866.329.1437 or 702.263.1520 for international exhibitors

All orders are governed by the GES Payment Policy and GES Terms & Conditions of Contract as specified in this Exhibitor Services Manual.



March 9 - 10, 2010 | Las Vegas Convention Center | Las Vegas, Nevada

**Discount Deadline Date:**  
February 14, 2010

COMPANY NAME	EMAIL ADDRESS	BOOTH NUMBER
SHOWSITE CONTACT	SHOWSITE CONTACT PHONE #	DATE/TIME OF ARRIVAL
		CONTACT'S HOTEL (OPTIONAL)

**By signing and delivering this form to Trade Show Electrical, customer agrees to all terms and conditions printed on this form. To receive the discount rate, we must receive your order, along with full payment, by the deadline date above. All other orders will be processed at the regular rate. No credits will be issued on services installed as ordered even though not used.**

**Price List**

**Important Information**

ITEM#	NON 24 HR. QTY	DESCRIPTION	DISCOUNT RATE	REGULAR RATE	24 HR. QTY	24 HR. DIS. RATE	24 HR. REG. RATE	TOTAL
<b>120v Motor &amp; Equipment Outlets</b>								
700001		005 Amp/500 Watts, 1/4 HP 120V	\$ 110.75	\$ 166.50		\$ 221.50	\$ 333.00	\$
700002		010 Amp/1000 Watts, 1/4 HP 120V	\$ 231.50	\$ 347.25		\$ 463.00	\$ 694.50	\$
700003		015 Amp/1500 Watts, 1/4 HP 120V	\$ 264.75	\$ 271.25		\$ 529.50	\$ 542.50	\$
700004		020 Amp/2000 Watts, 1/4 HP 120V	\$ 330.25	\$ 495.50		\$ 660.50	\$ 991.00	\$
700005		030 Amp, 1 HP 120V, PLEASE CALL TSE FOR QUOTE 702.515.5955						
<b>1P 208v Motor &amp; Equipment Outlets</b>								
<small>requires booth work labor (see E3 form), maximum one(1) connection per outlet</small>								
700012		010 Amp, 1/2 HP 208V / 1Phase	\$ 346.50	\$ 519.75		\$ 693.00	\$ 1,039.50	\$
700014		020 Amp, 1 HP 208V / 1Phase	\$ 495.75	\$ 744.00		\$ 991.50	\$ 1,488.00	\$
700015		030 Amp, 2 HP 208V / 1Phase	\$ 556.25	\$ 834.25		\$ 1,112.50	\$ 1,668.50	\$
700016		060 Amp, 5 HP 208V / 1Phase	\$ 737.75	\$ 1,106.75		\$ 1,475.50	\$ 2,213.50	\$
700017		100 Amp, 10 HP 208V / 1Phase	\$ 1,090.00	\$ 1,634.75		\$ 2,180.00	\$ 3,269.50	\$
700018		200 Amp, 208V / 1Phase	\$ 1,926.00	\$ 2,889.00		\$ 3,852.00	\$ 5,778.00	\$
<b>3P 208v Motor &amp; Equipment Outlets</b>								
<small>requires booth work labor (see E3 form), maximum one(1) connection per outlet</small>								
700022		010 Amp, 1 HP 208V / 3Phase	\$ 396.75	\$ 594.75		\$ 793.50	\$ 1,189.50	\$
700024		020 Amp, 3 HP 208V / 3Phase	\$ 529.00	\$ 792.75		\$ 1,058.00	\$ 1,585.50	\$
700025		030 Amp, 5 HP 208V / 3Phase	\$ 556.25	\$ 834.25		\$ 1,112.50	\$ 1,668.50	\$
700026		060 Amp, 10 HP 208V / 3Phase	\$ 822.50	\$ 1,233.75		\$ 1,645.00	\$ 2,467.50	\$
700027		100 Amp, 20 HP 208V / 3Phase	\$ 985.50	\$ 1,478.25		\$ 1,971.00	\$ 2,956.50	\$
700028		200 Amp, 50 HP 208V / 3Phase	\$ 2,126.50	\$ 3,190.00		\$ 4,253.00	\$ 6,380.00	\$
<b>Circle Outlets Requiring Boost 3P 480v Motor &amp; Equipment Outlets</b>								
<small>requires booth work labor (see E3 form), maximum one(1) connection per outlet</small>								
700044		020 Amp, 7.5 HP 480V / 3Phase	\$ 793.00	\$ 1,189.75		\$ 1,586.00	\$ 2,379.50	\$
700045		030 Amp, 10 HP 480V / 3Phase	\$ 890.50	\$ 1,335.50		\$ 1,781.00	\$ 2,671.00	\$
700046		060 Amp, 20 HP 480V / 3Phase	\$ 1,184.25	\$ 1,776.00		\$ 2,368.50	\$ 3,552.00	\$
700047		100 Amp, 50 HP 408V / 3Phase	\$ 1,574.25	\$ 2,361.50		\$ 3,148.50	\$ 4,723.00	\$
700048		200 Amp, 100 HP 480V / 3Phase	\$ 2,881.50	\$ 3,831.25		\$ 5,763.00	\$ 7,662.50	\$

Also Available: 380V/220V 30 MOTOR & EQUIPMENT OUTLETS - CALL FOR QUOTE

ITEM#	QTY	DESCRIPTION	DISCOUNT RATE	REGULAR RATE	TOTAL
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**Lights**

Price includes outlet and labor for light only. Please contact TSE at TSE@ts-electric.com for custom lights and lighting packages

664752		Arm Light, 75 Watt Black**	\$ 110.75	\$ 166.50	\$
700361		Floodlight, 1000 Watt Overhead**	\$ 409.50	\$ 614.00	\$
700350		Floodlight, 120 Watt*	\$ 194.25	\$ 290.75	\$
700352		Floodlight, 120 Watt Double*	\$ 172.50	\$ 258.75	\$
700370		Floodlight, 250 Watt Krypton**	\$ 429.75	\$ 644.75	\$
700337		Track Light Fixture Only	\$ 44.25	\$ 66.75	\$
700339		Track with 3 Light Fixtures	\$ 245.75	\$ 368.50	\$

**Transformers**

700114		Amp, Buck Boost Per Amp	\$ 5.50	\$ 8.15	\$
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I agree in placing this order that I have accepted GES payment Policy and GES Terms & Conditions of Contract.

A. Total All items Ordered	\$
B. Payment Enclosed	\$

Authorized Signature - Please Sign: **X**

EXHIBITOR'S ELECTRICAL CONTACT NAME & PHONE NUMBER	AUTHORIZED NAME - PLEASE PRINT	DATE
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All exhibitor disputes must be resolved at show site, before the close of the show

- Trade Show Electrical (TSE) is not responsible for voltage fluctuation or power failure due to temporary conditions. Exhibitor is responsible for providing surge protectors for their Goods. TSE is not responsible for loss or damage resulting from power surges. Furthermore, TSE's liability for any and all loss or damage is limited to the value of the cost of electrical services provided or depreciated value of Goods, whichever is less. All electrical installations and connections to all electrical service should be made by a TSE electrician. TSE will not be responsible for any damage or loss to any equipment, component, computer hardware or software, and/or any damage or bodily injury to any person caused by the installation, connection, or plugging in of any electrical outlet by persons other than a TSE electrician.
- Electricity will be turned on 30 minutes prior to show open and will be turned off within approximately 30 minutes after show close.
- OUTLET LOCATION & DISTRIBUTION**— All electrical outlets will be installed on the floor at the draped backwall of in-line and peninsula booths. All electrical outlets for island booths will be dropped to one main location per the Exhibitor's floor plan. If no plan is provided, the outlets will be installed at our discretion. Any change in location and/or additional power drops are chargeable on a time and material basis. Distribution and connection of outlets are chargeable on a time and material basis. **The first ninety feet of cabling to deliver power to your booth is free. If additional cabling is necessary, to power your booth, it will be charged at a time, material and motorized equipment basis. See Electrical Labor form E-3**
- TSE JURISDICTION** (Requires labor and/or material) — All distribution of electrical wiring. All facility overhead distribution of electrical wiring, including coaxial cable, fiber optics, twisted pair, etc., and the distribution of same from product to booth and from booth to booth. All motor and equipment hook-ups requiring hard wiring connections. Installation and/or repair of electrical fixtures. Installation of electrical motors and electrical apparatus to be energized.
- Total combined wattage within booth space exceeding 20 amps will require electrical booth work labor. Labor is required to inspect and hook-up equipment pre-wired to plug into our system. Exhibitors are not permitted to use power unless ordered. Exhibitors found using outlets without an order will be subject to the regular rate for outlets used. Sharing power or plugging into facility outlets is strictly prohibited.**
- ELECTRICAL LABOR** (See Electrical Labor Order Form) — Labor rates are subject to labor contract effective at time of show.
- Please include H-3: Booth Layout Form, or provide your own detailed drawing, for placement of main drop locations (MDL), outlets and fixtures. Regular rates will be applied, regardless of when the order was received, if either is not provided with your electrical order.**

\* On Stanchion, In-line Booths Only. Labor is not included for all other types of booths and will require a booth work labor order. (see E-3 form)

\*\* May require labor and/or lift at additional charge not available at some locations. See number 7 above for additional requirements.

**Cancellation Policy: Items cancelled will be charged 50% of original price after move-in begins and 100% of original price after installation**

**NEED ASSISTANCE?**

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		CONTACT'S HOTEL (OPTIONAL)

**PLEASE COMPLETE THIS FORM FOR ALL ELECTRICAL LABOR NEEDED.**

- All distribution of electrical wiring. All facility overhead distribution of electrical wiring, including coaxial cable, fiber optics, twisted pair, etc., and the distribution of same from product to booth and from booth to booth. All motor and equipment hook-ups requiring hard wiring connections. Installation and/or repair of electrical fixtures. Installation of electrical motors and electrical apparatus to be energized.
- Total combined wattage within booth space exceeding 20 amps will require electrical booth work labor. Labor is required to inspect and hook-up equipment pre-wired to plug into our system. Exhibitors are not permitted to use power unless ordered. Exhibitors found using outlets without an order will be subject to the regular rate for outlets used.

**Important Information & Rates**

Starting time can be guaranteed only when labor is requested for the start of the working day at 8:00 AM. All exhibit labor for 8:00 AM starting times will be dispatched to booth space. Confirm labor and equipment by 2:30 PM the day before date requested. Please have an authorized representative in booth to supervise the work to be done and sign work order upon completion. Equipment and labor cancelled without a 24 hour notice shall be charged a one (1) hour cancellation fee per worker and equipment. If Exhibitor fails to use the workers and equipment at the time confirmed, a one (1) hour "Not Ready" charge per worker and equipment will apply.

The minimum charge for labor is one (1) hour per worker and equipment. Labor thereafter is charged in half (1/2) hour increments per worker. Exhibitors requiring electrical labor will automatically be charged a dismantle fee. Dismantle labor is charged at 50% of installation labor based on show close/move-out days/time, and does not need to be scheduled. Overtime rates may apply. Gratuities in any form, including cash, gifts, or labor hours for work not actually performed are prohibited by GES. GES requires the highest standards of integrity from all employees. Please call our confidential Always Honest hotline at 866.225.8230 to report fraudulent or unethical behavior. All rates are subject to change if necessitated by increased labor and material costs.

**LABOR RATES ARE AS FOLLOWS:**

Worker per Hour	Discount	Regular	Show Site
Electrical, ST Code: 705060	\$ 99.25	\$ 124.25	\$ 148.75
Electrical, OT Code: 705060	\$ 187.50	\$ 234.50	\$ 281.25

- Straight Time:** Monday through Friday from 8:00 AM to 5:00 PM.  
**Overtime:** All other times Monday through Friday. All day Saturday, Sunday & Holidays.  
**Discount Rate:** Rate applies to orders placed on or before the above Discount Deadline Date.  
**Regular Rate:** Rate applies to orders placed after the above Discount Deadline Date, but before the first day of exhibitor move-in.  
**Show Site Rate:** Rate applies to orders placed at show site

**Please Indicate Service**

- FLOOR WORK - DISTRIBUTION**  
**- TSE SUPERVISED (OK TO PROCEED)**  
TSE will supervise labor to: (If this is left unmarked and a floor plan has been submitted, TSE will proceed with the floor work)  
• Power Distribution A 30% surcharge will be added to the labor rates above for this professional supervision.
- FLOOR WORK - DISTRIBUTION**  
**- EXHIBITOR SUPERVISED (DO NOT PROCEED)**  
Exhibitor will supervise.  
• You must schedule date & time below as well as # of electricians and estimated hours.  
• TSE assumes no liability for loss, damage or bodily injury arising out of the installation and/or dismantling of Exhibitor's property by TSE provided union labor. Exhibitor assumes the responsibility and any liability arising therefrom, for the work performed by union labor under Exhibitor's supervision. Exhibitors must stay clear during movement of freight.  
• Labor cannot be scheduled prior to assigned target date.

- Is there more than one (1) drop location?**  
 Yes  No Additional drops will be charged on a time and material basis depending on when order & floor plan are received.
- All booths requiring floor work labor must send a booth floor plan to tse@ts-electric.com. They can also be faxed to 702.294.8687. Please write your booth number, show name and email address on the fax. To receive the discount rate, the H-3: Booth Layout form or a scaled plan in CAD or PDF format must include main drop locations for power, additional drop locations, electrical distribution, orientation, outlets, fixtures, and all 1000 watt overhead focus points must be attached to this form or emailed to tse@ts-electric.com.**
- All floorplans are reviewed prior to show site to circuit a hall print for installation of power. A fee of \$ 50.00 will be billed for this time.**
- BOOTH WORK - Please indicate type of work to be performed**  
 Hang lights  Hang Plasma\*: Size \_\_\_\_\_ Qty \_\_\_\_\_  
 Hook-up equipment  Other \_\_\_\_\_  
\*Plasmas 37" and larger require 2 electricians.

**Place Order Here**

SCHEDULE DATE(S)	SCHEDULE START TIME	SCHEDULE END TIME	TOTAL # OF HOURS	TOTAL # OF ELECTRICIAN	LABOR RATE	=	TOTAL
<b>Floor Work (FW): Do Not Proceed: power distribution</b> Please attach your own labor schedule if additional space is required.							
	AM	PM					
	AM	PM					
<b>Booth Work (BW): Labor must be scheduled for each day that labor is required</b>							
	AM	PM					
	AM	PM					

<b>I agree in placing this order that I have accepted GES payment Policy and GES Terms &amp; Conditions of Contract.</b> <b>Authorized Signature - Please Sign:</b> <b>X</b>	AUTHORIZED NAME - PLEASE PRINT	DATE	<b>A.</b>	Total Labor Ordered	\$
			<b>B.</b>	30% GES Supervision	\$
			<b>C.</b>	Payment Enclosed	\$

Please estimate the number of workers and hours per worker needed for installation. Invoice will be calculated according to actual hours worked, relative to the original order and based upon the date received. Additional labor required will be calculated and invoiced at the show site rate.

**NEED ASSISTANCE?**

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