



ELECTRICAL CURRENTS

Newsletter from the Office of the Chief Electrical Inspector

Ron Fuller, Chief Electrical Inspector

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November 2006

● Classification Of A Building Or Area

Who determines what a given building's or space's classification should be (e.g. place of assembly, occupancy, hazardous location)?

The 2005 NEC says: The Authority Having Jurisdiction (AHJ) is the organization, office, or individual responsible for approving equipment, materials, an installation, or a procedure. The phrase "authority having jurisdiction" is used in NFPA documents in a broad manner, since jurisdictions and approval agencies vary, as do their responsibilities.

Where public safety is primary, the AHJ may be a federal, state, local, or other regional department or individual such as a fire chief; fire marshal; chief of a fire prevention bureau, labor department, or health department; building official; electrical inspector; or others having the authority and responsibility in statute or ordinance.

Department electrical inspectors will not define a building's classification. If the design and construction methods of the project raise doubts about classification (e.g. assisted living, nursing home, patient care areas, child care, institutional occupancy, educational occupancy, assembly occupancy for 100 or more persons, any hazardous location, etc.), the electrical inspector may require documentation from the AHJ regulating the occupancy. Likewise, the electrical inspector may require documentation from the owner verifying that a building will **not** be used in a specific manner before the building electrical construction and wiring methods can be approved.

● Use Of Couplings On A Service Or Other Mast

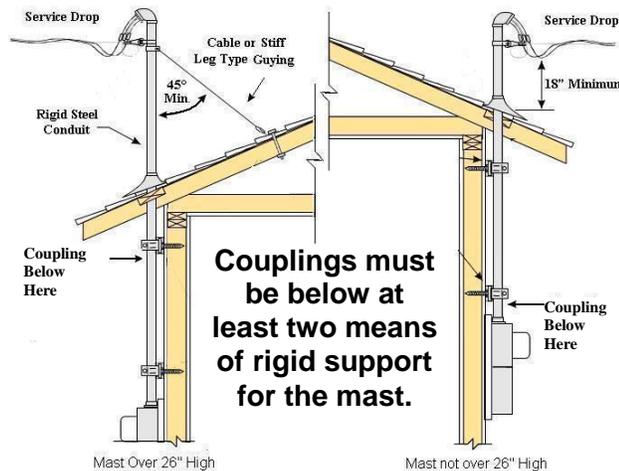
Where can a coupling be used on a mast supporting overhead conductor spans? Couplings can only be installed below two means of rigid support for the mast. A properly installed cable or stiff leg type guying qualifies as one of the two required means of support. The intention is to have an un-spliced section of rigid steel galvanized conduit securely fastened in two separate places to withstand any strain that may be placed on the mast. Any couplings installed without adequate support can create a weak point in the mast system, especially in conditions of high winds, damage from trees, where there is ice buildup, or other abnormal loading on the conductors and mast. See the drawing below for acceptable coupling placement.

Additional requirements for masts:

All overhead drops for services, feeders or branch circuits exceeding # 1 AWG aluminum or # 3 AWG copper must be rigid steel galvanized conduit no smaller than two (2) inches.

All overhead drops for service, feeder or branch circuits not exceeding #1 AWG aluminum or #3 AWG copper must be rigid steel galvanized conduit no smaller than one and one-quarter inch.

Mast installations must comply with drawings E-101 and/or E-102 from WAC 296-46B-230, or must provide equivalent strength by other approved means. Masts for altered or relocated installations will be permitted to comply with drawing E-103 from WAC 296-46B-230.



● Mercury Lamps And Thermostats MUST Be Recycled

Fluorescent lamps and mercury thermostats are regulated as federal and state Universal Wastes (i.e. they must be recycled or handled as hazardous waste. In Washington State, keeping mercury out of the environment is a high priority. Mercury-contaminated fish were found in every lake and river sampled by the State of Washington in 2002. More than half of the 185 fish tested had potentially unsafe levels of mercury. This fall, mercury concentrations in Puget Sound Chinook salmon resulted in a fish-consumption advisory for the species. Keeping mercury out of the environment helps protect fish and the people who eat them.

Where to recycle lamps and thermostats: Fluorescent lamps may be shipped or mailed to recycling facilities. They are listed at www.govlink.org/hazwaste/business/wastedirectory/ (select 'Fluorescent lamps'). In addition, some suppliers and retailers offer drop-off sites for lamps. For a list of these firms, go to www.takeitbacknetwork.org. Most heating equipment suppliers provide free drop-off sites for mercury thermostats. In addition, the Thermostat Recycling Program (TRC) provides contractors with their own recycling bins. TRC covers shipping and recycling costs and provides replacement bins. For more information, go to www.govlink.org/hazwaste/business/wastedirectory/ (select 'Thermostats').

● What Electrical Contractors Need To Know About Townhouses, Apartments, And Condominiums

Residential structures defined as "Townhouses" are rapidly increasing in popularity in the Washington construction industry. Electrical contractors need to be aware of some costly mistakes (permit fees, construction methods, etc.) that can be involved in treating these projects as two-family (duplexes) or multifamily dwellings. Townhouses are not two-family or multifamily dwellings. When you properly provide service to these structures you must apply the NEC and WAC rules based on the type of building construction and occupancy specified in the building permit, not what they "look" like.

To help you recognize what residential building type you are wiring (i.e. single-family, two-family, multifamily), we will cover this subject in two parts. Next month we will discuss installation requirements related to providing power to these dwelling units.

Basic Construction Definitions

Single-family dwellings, two-family dwellings, and multiple single-family dwellings (townhouses) are covered by the International Residential Code (IRC). The IRC is adopted in Washington and is supplemented by the mechanical, fire, ventilation & indoor air quality, energy, plumbing, and electrical codes. The IRC defines a townhouse as "A single-family dwelling unit constructed in a group of three or more attached units in which each unit extends from foundation to roof and with open space on at least two sides." We have found some building officials are allowing two-unit townhouses with separate ownership and property lines dividing the two attached units.

IRC R317.2—Townhouses further states each townhouse shall be considered a separate building and shall be separated by fire-resistance-rated wall assemblies of not less than one-hour fire-resistive-rating with exposure from both sides for exterior walls with a fire separation distance less than three feet. By exception, a common 2-hour fire-resistance-rated wall is permitted for townhouses if such walls do not contain plumbing or mechanical equipment, ducts or vents in the cavity of the common wall. (Note: Proposed Amendments to the IRC may allow the fire-resistance rating of the common wall to be reduced to 1-hour provided the building is equipped throughout with an automatic sprinkler system and the common wall does not contain plumbing or mechanical equipment, ducts or vents, and electrical, cable, and telephone installations are installed in raceways and metallic outlet boxes.)

All multifamily dwellings (apartments, condominiums) are covered by the International Building Code (IBC). The IBC does not differentiate between condominiums and apartments; they meet the same building construction requirements. Both fall under IBC 310.1-Residential Group R-2 as residential occupancies containing sleeping units or more than two dwelling units where the occupants are primarily permanent (non-transient) in nature. Typically, walls separating R-2 occupancies shall have a fire-resistance rating of 1-hour (½-hour if the building is equipped throughout with an automatic sprinkler system).

Townhouses, Duplexes, Apartments, and Condominiums

Confusion about townhouses exists in all aspects of the building industry. AHJs in Washington and across the country have sometimes been inconsistent in dealing with townhouses.

Electrical Section Internet Address: <http://www.Lni.wa.gov/TradesLicensing/electrical> Page 2 of 12

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The NEC does not address townhouses as a specific entity. Previous department fee interpretations have been based on dwelling property ownership rather than building construction criteria. Because of building definition changes in the IRC, dwelling units must be categorized as closely as possible to NEC definitions (i.e. single-family, two-family, and multifamily dwellings) based on the construction definitions of the IRC and IBC above.

- **Single-family dwellings** – Fee calculations are based on square footage with additional line-item fees for common additional features for dwellings such as outbuildings, detached garages, swimming pools, hot tubs and spas, and septic pumping systems.
- **Townhouses – Are single-family dwellings.** A separate permit is required for each unit. Each unit will have a distinct address and legal property lines that separate it from adjacent units. These may be zero-clearance lot lines that extend perpendicular, earth through rooftop. Fee calculations are based on square footage, with additional line-item fees like all other single-family dwellings.
- **Two-family dwellings (duplexes)** – Fee calculations are based on the combined square footage with additional line-item fees for common additional features such as outbuildings, detached garages, swimming pools, hot tubs and spas, and septic pumping systems. These are single buildings with two separate dwelling units (e.g. apartments, condominiums, etc.).
- **Multifamily dwellings** – Are single buildings that contain three or more dwelling units (e.g. apartments, condominiums, etc.). Since the building codes do not differentiate between apartments and condominiums in R-2 construction requirements or fire separations, the department will not longer consider them different in the permit fee structure. A condominium dwelling unit is as inseparable from the whole building as an apartment dwelling unit. There are no differences in the wiring methods required.

Permit fees will be based on the service size and number of feeders required to distribute power to the units. Permit fees for other residential systems or structures that serve a direct accessory function to the dwelling unit occupancies will also be based on the service size and number of feeders required to distribute power. Any nonresidential or commercial-type occupancy will need to have a separate permit from the commercial section of the fee schedule.

Before you bid or begin wiring these types of residential buildings be certain you know how the structure is classified by the building official on the building permit and the stamped plans available on the jobsite. Real estate marketing can be deceptive. Terms like “town homes” or “condo lifestyle” may generate consumer interest, but have no relevance to the classification of the building. The costs of rewiring services or feeders to these units to conform to the proper electrical installation requirements can be great. There will be more on this topic next month.

● Electrical Question of the Month

This Month's Question:

Disregarding exceptions, overcurrent protection for conductors 14 AWG and larger in a Class 1 Circuit shall be provided in accordance with the conductor ampacity, without applying the derating factors of NEC 310.15 to the ampacity calculation. Overcurrent protection shall not exceed ___ amperes for 18 AWG conductors and ___ amperes for 16 AWG.

A) 6 and 8, B) 7 and 10, C) 7.5 and 10, D) 14 and 18

Last Month's Question: A solar photovoltaic system is being added to an existing single phase, 200 amp, single family dwelling service to help supplement the dwelling's energy consumption. The electrician decides to connect the feeders from the DC-AC inverter to the load side of the panel's service disconnecting means through a dedicated two-pole circuit breaker. What is the maximum standard size (amps) circuit breaker that can be installed for this 14kW system? **A) 40 amps, B) 50 amps, C) 60 amps, D) 70 amps.** The answer is: **A)** [NEC 690.64(B)(2) Exception]. (200A bus x 120% = 240A) (200A Service Disconnect + **40A** maximum dedicated PV circuit breaker)].

**Final Judgments of Electrical Laws
For the 3rd Quarter of 2006**

Violator	Penalty
Violation – No Electrical Contractor’s License	
Region 1 – North Puget Sound	
A H A SERVER & NETWORK CONSULTING, SMOKEY PT BLVD, ARLINGTON WA	\$ 500
BAGAOISAN, FERNIE, NE 120TH ST, SEATTLE WA	\$ 500
BARREDO, (BESSIE) NIEVES, PEACE PORTAL DR., BLAINE WA	\$ 500
BD COMMUNICATIONS, WELCH PLACE, MANSFIELD TX	\$ 3,000
BECKHEYER, FRED, MEREDITH DRIVE, BAXTER MN	\$ 500
BERGSAGEL CONSTRUCTION INC., 27TH DR. S.E., EVERETT WA	\$ 200
D J MECHANICAL INC., 119TH AVE NE, LAKE STEVENS WA	\$ 500
DARITECH INC., BENSON ROAD, LYNDEN WA	\$ 500
DREAMTECH, S 336TH ST., FEDERAL WAY WA	\$ 500
HARDISTY, CHRIS, 208TH PL. S.W., LYNNWOOD WA	\$ 500
I & S DIRT WORKS, WHITE CHUCK PL, GRANITE FALLS WA	\$ 500
KHONGSAVANH, KHAMTA, PO BOX, INDEX WA	\$ 500
MECHANICAL AIR, 20TH ST. SE, EVERETT WA	\$ 500
PERCIVAL SCIENTIFIC, RESEARCH DRIVE, PERRY IA	\$ 500
PIONEER DOOR INC, 196TH ST SE, LYNNWOOD WA	\$ 500
POS SOLUTIONS INC., TAYLOR DRIVE, EVERETT WA	\$ 1,000
POWER HOUSE ELECTRIC, 420TH AVE. SE, NORTH BEND WA	\$ 500
PUGET HOMES CORPORATION, 136TH AVE NE, KIRKLAND WA	\$ 500
RASBAND HOMES & ASSOCIATES INC, MARKET PL, LAKE STEVENS WA	\$ 500
RAY’S PLUMBING AND HEATING, PO BOX, REDMOND WA	\$ 500
SAMMY ELECTRONIC, WISH AVENUE, ENCINO CA	\$ 3,000
STEVENS, VERNON, SNEEOOSH RD, LA CONNER WA	\$ 500
SUPERIOR SERVICE ELECTRIC, 80TH DR NE, MARYSVILLE WA	\$ 500
SUPERIOR SERVICE ELECTRIC LLC, 45TH AVE SE, BOTHELL WA	\$ 500
TECHNICAL SYSTEMS INC, 196 ST., LYNNWOOD WA	\$ 500
WHITNER, BARRIE, VIRGINIA AVE, EVERETT WA	\$ 500
ZERFOSS, DEE, LEXINGTON AVE., EVERETT WA	\$ 500
Region 2 – King County	
A H A SERVER & NETWORK CONSULTING, SMOKEY PT BLVD., ARLINGTON WA	\$ 1,000
A J ENTERPRISES, ELIZABETH LANE, SEQUIM WA	\$ 3,000
A&J SPA WORKS, NE 5TH AVE., OAK HARBOR WA	\$ 500
BD COMMUNICATIONS, WELCH PLACE, MANSFIELD TX	\$ 6,500
BOHAG, WILFORD, NE 88TH ST, SEATTLE WA	\$ 1,000
CHAMBLISS, ALAN, 14TH PL. SW, FEDERAL WAY WA	\$ 1,000
DREAMTECH, S 336TH ST, FEDERAL WAY WA	\$ 500
EXTREME SECURITY, STATE ROUTE 92, LAKE STEVENS WA	\$ 7,000
FRANK COLUCCIO CONST CO, M L KING JR WAY S, SEATTLE WA	\$ 200
FURNITURE FACTORY DIRECT, S. 72ND STREET, TACOMA WA	\$ 500
HANDYMAN SERVICES, S 194TH ST, SEATTLE WA	\$ 500
HENSLEY CONSTRUCTION, BAMBERG LN SE, OLYMPIA WA	\$ 500
HOME IMPROVEMENT HELP INC, 228TH AVE SE, SAMMAMISH WA	\$ 500
LAFAYETTE ENGINEERING, LETTON DRIVE, DANVILLE KY	\$ 500
MEDINA, CHUCK, CALIFORNIA AVENUE, SEATTLE WA	\$ 500
O’NEILL, TIMOTHY, 5TH AVE NE, SEATTLE WA	\$ 500
ROWLEY, BRUCE, 219TH PL SE, BOTHELL WA	\$ 500
SAMMY ELECTRONIC, WISH AVENUE, ENCINO CA	\$ 5,000
SEATTLE DVR INC., 4TH AVE. S, SEATTLE WA	\$ 500
UNITED MAINTENANCE GROUP, S 170TH ST., SEATAC WA	\$ 500
WILSON ENTERPRISES, 165 AVE SE, BELLEVUE WA	\$ 500
Region 3 – Pierce & Kitsap County & Olympic Peninsula	
A+ CONSTRUCTION CO., 113TH ST. CT. E., SUMNER WA	\$ 500
ABOVE THE BOARD CONSTRUCTION, 184TH STREET EAST, TACOMA WA	\$ 500
BD COMMUNICATIONS, WELCH PLACE, MANSFIELD TX	\$ 2,500
ENZENAUER, GERALD, KIWI LANE, SEQUIM WA	\$ 500
FOX’S REMODELING & ROOFING, ORCAS, PORT ANGELES WA	\$ 500
GARMIRE, ROBERT, GLENHAVEN RD., ANDERSON ISLAND WA	\$ 500

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GOODEN, JR., ALLEN, 12TH AVE S , SEATTLE WA	\$	500
HAROLD LEMAY ENTERPRISES INC, PO BOX, TACOMA WA	\$	500
JENS, WILLIAM, 247TH AVE. N.E., REDMOND WA	\$	500
LOGAN ELECTRIC LLC, S. D ST., TACOMA WA	\$	500
MOORE, JAMES, PO BOX, KEYPORT WA	\$	500
PHAM, KENNETH, PO BOX, TACOMA WA	\$	500
ROBERTS, JOHN, KIOWA TRAIL, FOX ISLAND WA	\$	250
SAMMY ELECTRONIC, WISH AVENUE, ENCINO CA	\$	3,500
SEAVIEW CONSTRUCTION, PO BOX, CARLSBORG WA	\$	500
Region 4 – Southwest Washington		
A & E SECURITY AND ELECTRONIC SOLUTIONS, NORTH HIGHWAY 99W, MCMINNVILLE OR	\$	500
A H A SERVER & NETWORK CONSULTING, SMOKEY PT BLVD., ARLINGTON WA	\$	1,000
ADVANCED HEATING & AIR CONDITIONING INC., SE FOSTER RD., PORTLAND OR	\$	500
AIR TEMPERATURE PROS LLC, PO BOX, YELM WA	\$	500
ANAPA CONSTRUCTION INC, NE 304 AVE, WASHOUGAL WA	\$	500
ANGUIANO, TABITHA, PO BOX, AMBOY WA	\$	500
BD COMMUNICATIONS, WELCH PLACE, MANSFIELD TX	\$	1,500
CORNERSTONE BUILDERS INC., SW 156TH AVE, BEAVERTON OR	\$	500
JARVIS, KEN, 116TH AVE, PUYALLUP WA	\$	500
K & C HOME TEK CONST INC, SE 39TH ST, VANCOUVER WA	\$	500
LEON, ROBERT, N 31ST, TACOMA WA	\$	1,000
MERLE, DANIEL, NW 127 ST., VANCOUVER WA	\$	500
MOHAMMED, PHILLIP, 70TH AVENUE W, UNIVERSITY PLACE WA	\$	500
NAYDEN LLC, PO BOX, VANCOUVER WA	\$	1,000
NORTHWEST CRANE SRV & PARTS CO, NE 42ND AVE, PORTLAND OR	\$	500
SALOKAR, JEFF, PO BOX, PORT ORCHARD WA	\$	500
SAMMY ELECTRONIC, WISH AVENUE, ENCINO CA	\$	500
STEWART, DAVID, AUGUSTA AVE., DESERT HOT SPRINGS CA	\$	500
SYMMETRY CONSTRUCTION SERVICES CORP, N. W. CORNELL RD, HILLSBORO OR	\$	500
VIKING HEATING INC, PO BOX, GRESHAM WA	\$	500
WHITE LIGHTNING ELECTRIC, S.E. 52ND AVE., PORTLAND OR	\$	3,250
WINSTON, JOHN, 80TH AVE CT E, PUYALLUP WA	\$	500
Region 5 – Central Washington		
MEHARRY, LAUREN, PANRAMA DRIVE NE, MOSES LAKE WA	\$	500
MOBLEY, TROY, 109TH AVE CT E, PUYALLUP WA	\$	500
NATURE LIKE CONSTRUCTION, W. SHOSHONE, PASCO WA	\$	500
STURGILL CONTRACTING, S. PARK ST., WALLA WALLA WA	\$	500
WILSON, LIONEL, , PATEROS WA	\$	500
Region 6 – Eastern Washington		
APEX COMPUTER SERVICES, N MCDONALD ST, MELISSA TX	\$	500
B & B POOL CLEANING SERVICE, 13TH STREET, LEWISTON ID	\$	500
BENNETT HEATING & AIR CONDITIONING, N ALTAMONT, SPOKANE WA	\$	500
D & D HEATING A/C SHEET METAL INC, COMMERCE LOOP, POST FALLS ID	\$	500
DBE DATACOM INC, EL TORO RD, LAKE FOREST CA	\$	500
EMPIRE IRRIGATION & CSTM LNDSP, W. GORDON, SPOKANE WA	\$	500
K B M HANDYMAN SERVICES, W BUNKER RD, CHENEY WA	\$	500
MAC INDUSTRIES INC, AQUA CIRCLE 2, COEUR D' ALENE ID	\$	500
MCKENNA, DAN, PITTSBURG, SPOKANE WA	\$	500
NORTH IDAHO PUMP CO INC, PO BOX, POST FALLS ID	\$	750
RAIN DANCE PROPERTY MAINTENANCE INC, N GOVERMENT WAY, HAYDEN LAKE ID	\$	500
RNT CONSTRUCTION LLC, EAGLE NEST CT, DAVENPORT WA	\$	500
ROHDE, STEVE, COPENHAVEN RD N, CRESTON WA	\$	500
RUE, STEPHEN, E 13TH AVE, SPOKANE WA	\$	500
WEST TECH INDUSTRIES, GRELLE AVE, LEWISTON ID	\$	500
Central Office		
ALL CLIMATE HEATING & A/C INC., NE 95TH, REDMOND WA	\$	500
C L ELECTRIC INC., NE 34 WAY, VANCOUVER WA	\$	500
SECURITY ONE INC., S PINE ST, TACOMA WA	\$	18,000
TRITON ELECTRICAL SERVICES LLC, PO BOX, LAKE STEVENS WA	\$	500

Violation – Hiring Uncertified Electricians

ELECTRICAL CURRENTS**November 2006****Region 1 – North Puget Sound**

A H A SERVER & NETWORK CONSULTING, SMOKEY PT BLVD., ARLINGTON WA	\$	250
ALL WAYS AIR CONTROL INC, S. CENTER ST, TACOMA WA	\$	250
ANANDA SEATTLE MANIOR TRUST, ROOSEVELT WAY NE, SEATTLE WA	\$	250
BARREDO, (BESSIE) NIEVES, PEACE PORTAL DR., BLAINE WA	\$	500
BD COMMUNICATIONS, WELCH PLACE, MANSFIELD TX	\$	1,250
BERGSAGEL CONSTRUCTION INC., 27TH DR. S.E., EVERETT WA	\$	600
BORGMAN ELECTRIC INC., 323 AVE. SE, SULTAN WA	\$	250
D J MECHANICAL INC., 119TH AVE NE, LAKE STEVENS WA	\$	250
DARITECH INC., BENSON ROAD, LYNDEN WA	\$	250
DREAMTECH, S 336TH ST., FEDERAL WAY WA	\$	250
EXTREME ELECTRICAL LLC, 62ND ST. SE, SNOHOMISH WA	\$	250
GSB ELECTRIC, INC., 80TH AVE NW, STANWOOD WA	\$	250
NORTH CASCADES HEATING & A/C INC., PO BOX, ENTIAT WA	\$	250
PERCIVAL SCIENTIFIC, RESEARCH DRIVE, PERRY IA	\$	250
POS SOLUTIONS INC., TAYLOR DRIVE, EVERETT WA	\$	500
PUGET HOMES CORPORATION, 136TH AVE NE, KIRKLAND WA	\$	250
RASBAND HOMES & ASSOCIATES INC, MARKET, LAKE STEVENS WA	\$	250
SAMMY ELECTRONIC, WISH AVENUE, ENCINO CA	\$	1,500
SHELTON ELECTRIC, PO BOX, SHELTON WA	\$	250
SMITH & LOVELESS, INC., SANTA FE TRAIL DRIVE, LENEXA KS	\$	250
SUPERIOR SERVICE ELECTRIC, LLC, 80TH DR NE, MARYSVILLE WA	\$	250
WASHINGTON ENERGY SERVICES CO., THORNDYKE AVE. W., SEATTLE WA	\$	250

Region 2 – King County

A H A SERVER & NETWORK CONSULTING, SMOKEY PT BLVD., ARLINGTON WA	\$	500
A J ENTERPRISES, ELIZABETH LANE, SEQUIM WA	\$	1,750
A W SCHELL ELECTRIC SRVCS INC, PO BOX, TACOMA WA	\$	250
BD COMMUNICATIONS, WELCH PLACE, MANSFIELD TX	\$	3,500
DAVIS ELECTRIC INC., 3RD PL. S.W., SEATTLE WA	\$	250
DICK HOWARD & SONS ELECT. INC., PO BOX, LYNNWOOD WA	\$	250
DREAMTECH, S 336TH ST, FEDERAL WAY WA	\$	250
EXTREME SECURITY, STATE ROUTE 92, LAKE STEVENS WA	\$	6,000
FURNITURE FACTORY DIRECT, S. 72ND STREET, TACOMA WA	\$	250
OPTIC FUSION INC, PO BOX, TACOMA WA	\$	500
RELIANT ELECTRIC, PO BOX, KIRKLAND WA	\$	250
SAMMY ELECTRONIC, WISH AVENUE, ENCINO CA	\$	2,500
TRITON ELECTRIC INC., 63RD AVE. W, MOUNTLAKE TERRANCE WA	\$	500
YOUNG ELECTRIC SIGN CO, E 41ST ST, GARDEN CITY ID	\$	1,000

Region 3 – Pierce & Kitsap County & Olympic Peninsula

ABACUS ELECTRIC LLC, SALES RD. S., LAKEWOOD WA	\$	250
BD COMMUNICATIONS, WELCH PLACE, MANSFIELD TX	\$	2,500
CHIN'S ELECTRIC INC., 13TH PLACE S.W., FEDERAL WAY WA	\$	250
CREATIVE HEATING INC, 29TH AVE E, TACOMA WA	\$	250
SAMMY ELECTRONIC, WISH AVENUE, ENCINO CA	\$	1,750

Region 4 – Southwest Washington

A H A SERVER & NETWORK CONSULTING, SMOKEY PT BLVD., ARLINGTON WA	\$	500
ADVANCED HEATING & AIR CONDITIONING INC., SE FOSTER RD., PORTLAND OR	\$	250
AMTECH LIGHTING SERVICES, E ORANGEWOOD AVE, ANAHEIM CA	\$	500
BD COMMUNICATIONS, WELCH PLACE, MANSFIELD TX	\$	750
COMP VIEW INC, INTERBURBAN AVE S., SEATTLE WA	\$	250
COOK SECURITY GROUP INC, SE INTERNATIONAL WAY, MILWAUKIE OR	\$	250
E C COMPANY, PO BOX, PORTLAND OR	\$	500
N W SOUND & SECURITY TECH LLC, N.E. MARX, PORTLAND OR	\$	250
SAMMY ELECTRONIC, WISH AVENUE, ENCINO CA	\$	250
WHITE LIGHTNING ELECTRIC INC, S.E. 52ND AVE., PORTLAND OR	\$	250
WIRE RITE ELECTRIC INC., PO BOX, BATTLE GROUND WA	\$	250
WYTEK CONTROLS INC, PO BOX, TUALATIN OR	\$	250
YOUNG ELECTRIC SIGN CO, E. 41ST ST., GARDEN CITY ID	\$	500

Region 5 – Central Washington

ALLSTAR ELECTRIC INC, W NOB HILL, YAKIMA WA	\$	500
CAMERASCAN, PO BOX, NORTH BEND WA	\$	500
LESCO ELECTRICAL CONTRACTING INC., 9TH ST., PROSSER WA	\$	250

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POLHAMUS HEATING & A/C INC, BELL RD NE, MOSES LAKE WA	\$	250
POWER PLUS ELECTRIC LLC, EASTSIDE RD, MILTON FREEWATER OR	\$	500
ALLSTAR ELECTRIC INC, W NOB HILL, YAKIMA WA	\$	500
CAMERASCAN, PO BOX, NORTH BEND WA	\$	500
LESCO ELECTRICAL CONTRACTING INC., 9TH ST., PROSSER WA	\$	250
POLHAMUS HEATING & A/C INC, BELL RD NE, MOSES LAKE WA	\$	250
POWER PLUS ELECTRIC LLC, EASTSIDE RD, MILTON FREEWATER OR	\$	500

Region 6 -

APEX COMPUTER SERVICES, N MCDONALD ST, MELISSA TX	\$	500
D & D HEATING A/C SHEET METAL INC, COMMERCE LOOP, POST FALLS ID	\$	250
DBE DATACOM INC, EL TORO RD STE, LAKE FOREST CA	\$	250
FLOENER ELECTRIC, W FIRST AVE, COLVILLE WA	\$	250
INLAND METALS ELECTRIC LLC, 5TH ST, CLARKSTON ID	\$	600
RIPLEY DEVOLPMENT, N DARTFORD, SPOKANE WA	\$	250
RNT CONSTRUCTION LLC, EAGLE NEST CT, DAVENPORT WA	\$	250
SIMPLY CUSTOM ELECTRIC, PO BOX, FAIRFIELD WA	\$	250
STEVE SHERIDAN ELECTRIC, W TEAL AVE, SPOKANE WA	\$	250
TOWER ELECTRICAL SERVICES INC, EAST MONTGOMERY, SPOKANE WA	\$	250

Central Office

AC/DC ELECTRIC OF IDAHO, PO BOX, CLE ELUM WA	\$	100
ANDGAR CORPORATION, PO BOX, FERNDALE WA	\$	250
COMPUTOR POWER & SERVICE INC., NW 50TH ST, SEATTLE WA	\$	300
DEFINITIVE AUDIO INC., 130TH NE, BELLEVUE WA	\$	250
FLOENER ELECTRIC, WEST FIRST AVE, COLVILLE WA	\$	500
GARRETT ELECTRIC CO, WELLSIAN WAY, RICHLAND WA	\$	100
HERITAGE ENTERPRISES INC., PACIFIC AVE, TACOMA WA	\$	100
PACIFIC AIR CONTROL INC., NORTH CREEK PKWY N, BOTHELL WA	\$	450
TRITON ELECTRICAL SERVICES LLC, PO BOX, LAKE STEVENS WA		250

Violation – Uncertified Electrician

Region 1 – North Puget Sound

ABERCROMBIE, DAN, SANTA FE TRAIL DRIVE, LENEXA KS	\$	250
ATIENZA, JOSELITO, PEACE PORTAL DR., BLAINE WA	\$	250
BAGAOISAN, FERNIE, NE 120TH ST, SEATTLE WA	\$	250
BARREDO, MARIO, PEACE PORTAL DR., BLAINE WA	\$	250
BECKHEYER, FRED, MEREDITH DRIVE, BAXTER MN	\$	250
BENSON, MICHAEL, NE 194TH AVE, PORTLAND OR	\$	250
BERGSAGEL, NATHAN, 27TH DR. S.E., EVERETT WA	\$	200
BRICKMAN, COLLIN, 26TH ST NE, LAKE STEVENS WA	\$	250
BRIDGMAN, SCOTT, 76TH ST. SE, SNOHOMISH WA	\$	250
BULLOCK, ROBERT, N 92ND ST, SEATTLE WA	\$	750
BURKS, ROY, 220TH ST SOUTH, KENT WA	\$	250
CHILSON, TYSON, N. CARPENTER RD., SNOHOMISH WA	\$	250
DAVIS, CHRIS, SW GENESSE ST, SEATTLE WA	\$	250
ESHLEMAN, TYLER, 62ND ST. SE, SNOHOMISH WA	\$	250
EVANS, GORDON, , DECATUR ISLAND WA	\$	250
GONZALEZ, LEOCADIO, BRUSKRUD ROAD, EVERETT WA	\$	250
HAMED, BASSIEM, WISH AVENUE, ENCINO CA	\$	1,500
KELLEY, JAMES, N 92ND ST, SEATTLE WA	\$	500
KHONGSAVANH, KHAMTA, PO BOX, INDEX WA	\$	250
KOT, OLEG, 50TH AVE. W., LYNNWOOD WA	\$	250
KUSHLER, CLIFFORD, 36TH PL W, LYNNWOOD WA	\$	250
MENZIES, ALEC, WHITE CHUCK PL, GRANITE FALLS WA	\$	250
MOLNAR, TREVOR, 10TH PL WEST, LYNWOOD WA	\$	250
MORTENSEN, TODD, 240TH ST SE, BOTHELL WA	\$	250
MURPHY, JOHN, 199TH PL NE, WOODINVILLE WA	\$	250
PENDRY, DALE, MEGAN LANE, BELLINGHAM WA	\$	250
RUTHRUFF, CURTIS, 49TH AVE W, MUKILTEO WA	\$	250
STEVENS, VERNON, SNEEOOSH RD, LA CONNER WA	\$	250
VELLEK, TIM, WHITE CHUCK PL, GRANITE FALLS WA	\$	250
WALKER, JAMES, 19TH AVE NE, ARLINGTON WA	\$	250
WALKER, RONALD, WARFIELD ST., PERRY IA	\$	250
WELLER, JERRY, SMOKEY PT. BLVD, ARLINGTON WA	\$	250
WHITNER, BARRIE, VIRGINIA AVE, EVERETT WA	\$	250
WILSON, DAVID, TAYLOR DR., EVERETT WA	\$	500
ZERFOSS, DEE, LEXINGTON AVE., EVERETT WA	\$	250

Region 2 – King County

ELECTRICAL CURRENTS

November 2006

ATKINSON, SHAWN, S 2920 W, WEST JORDAN UT	\$	250
BENNETT, CHRISTOPHER, N M ST, TACOMA WA	\$	250
BOHAG, WILFORD, NE 88TH ST, SEATTLE WA	\$	500
BULLOCK, ROBERT, N 92ND ST, SEATTLE WA	\$	1,750
BURKETT JR., CECIL, PO BOX, LAKE STEVENS WA	\$	250
CHAMBLISS, ALAN, 14TH PL. SW, FEDERAL WAY WA	\$	500
COX, WILLIAM, S JACKSON ST, PERRYVILLE KY	\$	250
CROWE, ANTHONY, GIBSON RD, PERRYVILLE KY	\$	250
GEHRET, MATTHEW, UNION AVE. S.E., RENTON WA	\$	250
GETTLE, LANCE, SE 278TH STREET, MAPLE VALLEY WA	\$	250
GLAZIER, SCOTT, W 6600 S, WEST JORDAN UT	\$	250
GOODWIN, ALEX, C ST, STEILACOOM WA	\$	250
HAMED, BASSIEM, WISH AVENUE, ENCINO CA	\$	1,250
KELLEY, JAMES, N 92ND ST, SEATTLE WA	\$	1,750
KUSH, DAVID, AVENDALE WAY, REDMOND WA	\$	250
O'HARA, JAMES, 29TH AVE W, BRIER WA	\$	100
ROBBINS, BRANDON, FORKLAND RD, PARKSVILLE KY	\$	250
SMITH, SEAN, LENORA PL. N, SEATTLE WA	\$	250
STOLZE, JASON, 126TH AVE E, PUYALLUP WA	\$	250
WALLACE, CRAIG, 151ST AVE. S.E., RENTON WA	\$	250
WELLER, JERRY, SMOKEY PT. BLVD, ARLINGTON WA	\$	500
ATKINSON, SHAWN, S 2920 W, WEST JORDAN UT	\$	250
Region 3 – Pierce & Kitsap County & Olympic Peninsula		
BECKHEYER, FRED, MEREDITH DRIVE, BAXTER MN	\$	250
BULLOCK, ROBERT, N 92ND ST, SEATTLE WA	\$	500
FOX'S REMODELING & ROOFING, ORCAS, PORT ANGELES WA	\$	250
GRUBER, LELAND, N. E. COUCH ST., GRESHAM OR	\$	250
HAMED, BASSIEM, WISH AVENUE, ENCINO CA	\$	1,750
JENS, WILLIAM, 247TH AVE. N.E., REDMOND WA	\$	250
KELLEY, JAMES, N 92ND ST, SEATTLE WA	\$	750
LOUCKS, SCOTT, 18TH AVE. S., TACOMA WA	\$	250
ROBERTS, JOHN, KIOWA TRAIL, FOX ISLAND WA	\$	125
SCHRADER, DAVID, 184TH STREET EAST, TACOMA WA	\$	250
SEAVIEW CONSTRUCTION, PO BOX, CARLSBORG WA	\$	250
SHAFFER, RICK, N.W. RHOTON CT., YELM WA	\$	250
SON, VAN, PO BOX, TACOMA WA	\$	250
SPICER, ROBERT, 113TH ST E., BONNEY LAKE WA	\$	250
STANTON, JESSE, 132ND ST KPN, GIG HARBOR WA	\$	250
WELLS, DAN, 219TH ST., GRAHAM WA	\$	250
Region 4 – Southwest Washington		
BRYANT, TOM, S M, TACOMA WA	\$	250
BULLOCK, ROBERT, N 92ND ST, SEATTLE WA	\$	500
CLARK, MICHAEL, NE 136TH AVE, VANCOUVER WA	\$	250
ESTILL, JEFFREY, S.E. HENDERSON ST., PORTLAND OR	\$	250
GENCO JR., RALPH, ,	\$	250
GRIMSHAW, GREGORY, SE DEER MEADOW LOOP, DAMACUS OR	\$	250
GUSKOV, MIKHAIL, 70TH AVENUE W, UNIVERSITY PLACE WA	\$	250
HAMED, BASSIEM, WISH AVENUE, ENCINO CA	\$	250
HODSON, MICHAEL, S.E. BOARDMAN CT, MILWAUKIE OR	\$	250
JAMES, JERRY, N.W. BLAIR ST., SHERIDAN OR	\$	250
KELLEY, JAMES, N 92ND ST, SEATTLE WA	\$	250
KIRKPATRICK, DANNY, HILL STREET NE, OLYMPIA WA	\$	250
LEON, ROBERT, N 31ST, TACOMA WA	\$	250
MEADOWS, DARIN, S.E. 47TH AVE, PORTLAND WA	\$	250
MOHAMMED, PHILLIP, 70TH AVENUE W, UNIVERSITY PLACE WA	\$	250
SEROCK, EDWARD, 93RD AV NW, GIG HARBOR WA	\$	250
SHELL, DEAN, W. 38TH STREET, VANCOUVER WA	\$	250
TANKERSLEY, DAVID, SW 156TH AVE., BEAVERTON OR	\$	250
WELLER, JERRY, SMOKEY PT. BLVD, ARLINGTON WA	\$	500
Region 5 – Central Washington		
BELL, MATT, S WASHINGTON, DOWNEY ID	\$	750
DAUGHS, SCOTT, BUTTERFIELD RD, YAKIMA WA	\$	250
GROVER, BART, PO BOX, BLACKFOOT ID	\$	500
GUEVARA, ELEAZAR, PO BOX, PASCO WA	\$	250
MILLER, MICHAEL, DEL MAR CT., RICHLAND WA	\$	250
SOWELL, MAURICE, W FREMONT ST, POCATELLO ID	\$	500

ELECTRICAL CURRENTS**November 2006**

WALKER, KENNY, S.E. 43PL, FALLS CITY WA	\$	250
YUNDT, CRAIG, EMPIRE DR., LA GRANDE OR	\$	250
Region 6 – Eastern Washington		
BENNETT, STEVEN, N ALTAMONT, SPOKANE WA	\$	250
BOARDMAN, BRANDON, 13TH, LEWISTON ID	\$	250
BYRNE, BRIAN, W. GORDON AVE, SPOKANE WA	\$	250
COWARD, ZACH, N MCDONALD ST, MELISSA TX	\$	250
FRANCK, DONALD, S HOFSTETTER, COLVILLE WA	\$	250
GLEAVE, LARRY, N DARTFORD, SPOKANE WA	\$	250
HEIKKILA, RON, EAGLE NEST CT, DAVENPORT WA	\$	250
HUDDLESTON, BRIAN, N MCDONALD ST, MELISSA TX	\$	250
KNIGHT, WILLIAM, W. GRACE AVE, SPOKANE WA	\$	250
LALISAM, JEREMIAH, SHAMROCK, SAN PABLO CA	\$	250
MCKENNA, DAN, N PITTSBURG, SPOKANE WA	\$	500
RAMSEY, RICK, REED ST, AMERICAN FALLS ID	\$	1,250
ROHDE, STEVE, COPENHAVEN RD N, CRESTON WA	\$	250
WANES WORLD ENTERPRISES, S ASSEMBLY RD, SPOKANE WA	\$	250
Central Office		
ADAMS, MICHAEL, FOREST PK DR NE, SEATTLE WA	\$	1,500
DANIELS, GERALD, 172ND AVE. SE, AUBURN WA	\$	250
EHRlich, STEPHEN, NE 103RD PLACE, PORTLAND OR	\$	500
FRANCK, DONALD, S HOFSTETLER, COLVILLE WA	\$	500
GARNER, LUCAS, PLEASANT AVE, BREMERTON WA	\$	250
JEWELL, ROSS, ALBRIGHT AVE SE, PORT ORCHARD WA	\$	250
KAIKALA, JOSH, HARTFORD DRIVE, LAKE STEVENS WA	\$	250
MAST, JOSEPH, NE WRIMBREL CT, POULSBO WA	\$	1,000
MATHEWS, JOSH, 148TH ST E, TACOMA WA	\$	250
PALLARES JR., GILDARDO, PARKLYN WAY, FERNDALE WA	\$	250
SALYARDS, JOHN, POPLAR ST, EVERETT WA	\$	750
SAVAGE, CRAIG, SANT ANA AVE, COSTA MESA CA	\$	100
TOWNE, CHRISTOPHER, WILLOW WAY, PASCO WA	\$	250
WRIGHT, GLENN, WRIGHT STREET, RATHDRUM ID	\$	250
ZIMBEHL, MARK, W 13TH AVE, KENNEWICK WA	\$	750
Violation – No Electrical Work Permit		
Region 1 – North Puget Sound		
A & E ELECTRIC, E HOLLY ST, BELLINGHAM WA	\$	250
A H A SERVER & NETWORK CONSULTING, SMOKEY PT BLVD., ARLINGTON WA	\$	250
A NEW TOMORROW'S ELECTRIC, INC, 88TH DR NE, ARLINGTON WA	\$	250
ADT SECURITY SERVICES, NORTHCREEK PKWY N, BOTHELL WA	\$	4,000
AMSBERRY, JEFF, PO BOX, MONROE WA	\$	250
ANCO INC, BOTHELL-EVERETT HWY, BOTHELL WA	\$	250
AXIS ELECTRIC INC, NEW MARKET ST, SEATTLE WA	\$	250
BAGAOISAN, FERNIE, NE 120TH ST, SEATTLE WA	\$	250
BANNER ELECTRIC INC, E FIR ST, MOUNT VERNON WA	\$	250
BD COMMUNICATIONS, WELCH PLACE, MANSFIELD TX	\$	1,250
BECKHEYER, FRED, MEREDITH DRIVE, BAXTER MN	\$	250
BERGSAGEL CONSTRUCTION INC., 27TH DR. S.E., EVERETT WA	\$	200
BOLD, JIM, 85TH AVE. SE, WOODINVILLE WA	\$	250
CAMPBELL, CASEY, PUGET LANE, EDMONDS WA	\$	250
CREATIVE HEATING INC., 29TH AVE E., TACOMA WA	\$	250
D J MECHANICAL INC., 119TH AVE NE, LAKE STEVENS WA	\$	250
DARITECH INC., BENSON ROAD, LYNDEN WA	\$	250
DELMEDICO, NICK, 53RD AVE SE, BOTHELL WA	\$	250
DENNIS WEBB ELECTRIC INC., 220TH SW, BOTHELL WA	\$	250
DREAMTECH, S 336TH ST., FEDERAL WAY WA	\$	250
ETHAN ELECTRIC, AVENUE B, SNOHOMISH WA	\$	500
EVERGREEN POWER SYSTEMS, 1ST AVE S, SEATTLE WA	\$	250
EXTREME ELECTRICAL LLC, 62ND ST. SE, SNOHOMISH WA	\$	250
FEDOREAN, NICOLAI, CHERRY ST., EDMONDS WA	\$	250
GORSHKOFF, P.K., 214 TH PL. S.E., SNOHOMISH WA	\$	250
GREEN, ERIC, CASTLEROCK DR, BLAINE WA	\$	250
HARDISTY, CHRIS, 208TH PL. S.W., LYNNWOOD WA	\$	250
I & S DIRT WORKS, WHITE CHUCK PL, GRANITE FALLS WA	\$	250
ISSAQUAH ELECTRIC INC, QUAIL CREEK WAY SE, REDMOND WA	\$	250
JMH ELECTRIC LLC, 196TH STREET, BOTHELL WA	\$	125

ELECTRICAL CURRENTS

November 2006

JUMANCA, ANTANIE, 233RD PL SE, BOTHELL WA	\$	250
L&L ELECTRIC, CHENNAULT BEACH ROAD, MUKILTEO WA	\$	2,000
LIGHTNING ELECTRIC INC, E SMITH RD, BELLINGHAM WA	\$	1,000
LINDSAY STOVE WORKS INC., PO BOX, STANWOOD WA	\$	250
LINESIDE ELECTRIC INC, 132ND ST SE, MONROE WA	\$	250
LYMAN, JOHN, 181ST AVE NE, SNOHOMISH WA	\$	250
METALSMITHS INC, 220TH ST SW, MOUNTLAKE TERRACE WA	\$	1,000
MONTON/TOBY ELECTRIC LLC, SE ARCADIA SHORES, SHELTON WA	\$	1,000
MONTON-HOLBROOKS ELECTRIC, LLC, SE ARCADIA SHORES ROAD, SHELTON WA	\$	250
NORTH CASCADES HEATING & A/C INC., PO BOX, ENTIAT WA	\$	250
PERCIVAL SCIENTIFIC, RESEARCH DRIVE, PERRY IA	\$	250
PIONEER DOOR INC, 196TH ST SE, LYNNWOOD WA	\$	250
POS SOLUTIONS INC., TAYLOR DRIVE, EVERETT WA	\$	500
POWER HOUSE ELECTRIC, 420TH AVE. SE, NORTH BEND WA	\$	250
PUGET HOMES CORPORATION, 136TH AVE NE, KIRKLAND WA	\$	250
PUGET SOUND ELECTRICAL SERVICE, 4TH AVE S., SEATTLE WA	\$	250
RASBAND HOMES & ASSOCIATES INC, MARKET PL, LAKE STEVENS WA	\$	250
RAY'S PLUMBING AND HEATING, PO BOX, REDMOND WA	\$	250
REMLINGER, DAVID, OLD SNOHOMISH - MONROE ROAD, SNOHOMISH WA	\$	250
RODERICK, KEVIN, 96TH DR. SE, SNOHOMISH WA	\$	250
ROTEN, SHAWN, LOVELAND AVE, MUKILTEO WA	\$	1,000
SAMMY ELECTRONIC, WISH AVENUE, ENCINO CA	\$	1,500
SHORELINE ELECTRIC INC., 89TH PL W, EDMONDS WA	\$	1,000
SHORELINE ELECTRIC, INC, FIRDALE AVE, EDMONDS WA	\$	250
SMITH & LOVELESS, INC., SANTA FE TRAIL DRIVE, LENEXA KS	\$	250
SMITH MECHANICAL, PORTAL WAY, FERNDALE WA	\$	250
SMITH, ALEX, 115TH AVE. SE., SNOHOMISH WA	\$	250
SOUND HEATING & A/C INC., 184TH ST. E., PUYALLUP WA	\$	1,000
ST. JOHN, TOM, NOOTKA RD., WOODWAY WA	\$	250
TEAM MECHANICAL, PO BOX, MONROE WA	\$	250
THE ROCK CHURCH, 146TH ST SE, MONROE WA	\$	250
WALTERS, PATRICK, WILLOW DR, SULTAN WA	\$	250
WASHINGTON ENERGY SERVICES CO., THORNDYKE AVE. W., SEATTLE WA	\$	1,000
WEBB, JEFF, 124TH PL SE, EVERETT WA	\$	250
WEST COAST ELECTRICAL, PO BOX, SEATTLE WA	\$	250
WESTERN NEON, INC, 1ST AVE SOUTH, SEATTLE WA	\$	250
WONG, BILL, 139TH AVE. SE., NEWCASTLE WA	\$	250
ZERFOSS, DEE, LEXINGTON AVE., EVERETT WA	\$	250
Region 2 – King County		
A H A SERVER & NETWORK CONSULTING, SMOKEY PT BLVD., ARLINGTON WA	\$	500
BD COMMUNICATIONS, WELCH PLACE, MANSFIELD TX	\$	3,500
CHAMBLISS, ALAN, 14TH PL. SW, FEDERAL WAY WA	\$	500
DANA O, FERDINAND, 104TH PL SE, RENTON WA	\$	250
DREAMTECH, S 336TH ST, FEDERAL WAY WA	\$	250
ELECTRIC COMPANY INC, N 80TH ST, SEATTLE WA	\$	250
EXTREME SECURITY, STATE ROUTE 92, LAKE STEVENS WA	\$	3,000
FRANK COLUCCIO CONST CO, M L KING JR WAY S, SEATTLE WA	\$	200
FURNITURE FACTORY DIRECT, S. 72ND STREET, TACOMA WA	\$	250
KRISCO CORPORATION, PO BOX, WOODINVILLE WA	\$	250
OPTIC FUSION INC, PO BOX, TACOMA WA	\$	250
SAMMY ELECTRONIC, WISH AVENUE, ENCINO CA	\$	2,500
TRITON ELECTRICAL SERVICES LLC, PO BOX, SNOHOMISH WA	\$	250
VALLEY ELEC CO OF MT. VERNON INC, MERRILL CREEK PARKWAY, EVERETT WA	\$	1,000
WESTERN TELCOM LLC, 38TH AVE S, AUBURN WA	\$	1,000
Region 3 – Pierce & Kitsap County & Olympic Peninsula		
A & C ELECTRIC, 281ST AVE. SE, ENUMCLAW WA	\$	1,000
A + ELECTRIC SERVICES, PACIFIC AVE SE, LACEY WA	\$	2,000
ABOVE THE BOARD CONSTRUCTION, 184TH STREET EAST, TACOMA WA	\$	250
ABSOLUTE AIR INC, E. HWY 01, PT ANGELES WA	\$	250
ASHBAUGH, MARK, 109TH ST. S., TACOMA WA	\$	500
BD COMMUNICATIONS, WELCH PLACE, MANSFIELD TX	\$	1,250
BECKHEYER, FRED, MEREDITH DRIVE, BAXTER MN	\$	250
BRINKS HOME SECURITY INC, WEST VALLEY HWY (H106), KENT WA	\$	2,000

ELECTRICAL CURRENTS**November 2006**

Diebold Incorporated, PO BOX, NORTH CANTON OH	\$	1,000
ENGLAND, MIKE, 36 ST SE, AUBURN WA	\$	250
GANDY, WILLIAM, E. 61ST ST., TACOMA WA	\$	250
GARMIRE, ROBERT, GLENHAVEN RD., ANDERSON ISLAND WA	\$	250
GROFF'S ELECTRIC HEAT INC., S. UNION AVE., TACOMA WA	\$	1,000
HAROLD LEMAY ENTERPRISES INC, PO BOX, TACOMA WA	\$	250
JENS, WILLIAM, 247TH AVE. N.E., REDMOND WA	\$	250
LOGAN ELECTRIC LLC, S. D ST., TACOMA WA	\$	250
MOORE, JAMES, PO BOX, KEYPORT WA	\$	250
PENINSULA POLE SERVICE INC, PO BOX, BURLEY WA	\$	250
POWER DESIGNS INC., 66TH AVE CT E, GRAHAM WA	\$	2,000
RTC CONSTRUCTION, WOODHILL DR NW, GIG HARBOR WA	\$	250
SAMMY ELECTRONIC, WISH AVENUE, ENCINO CA	\$	1,750
STORMENT ELECTRIC, SPRINGFIELD DR. N.W., GIG HARBOR WA	\$	250
VECA ELECTRIC CO INC, 7TH AVE S, SEATTLE WA	\$	2,000
Region 4 – Southwest Washington		
A & E SECURITY AND ELECTRONIC SOLUTIONS, NORTH HIGHWAY 99W, MCMINNVILLE OR	\$	250
A D K ELECTRIC INC., PO BOX, BATTLE GROUND WA	\$	250
A H A SERVER & NETWORK CONSULTING, SMOKEY PT BLVD., ARLINGTON WA	\$	500
ADAMS, BRAD, SOUTH BANK ROAD, ELMA WA	\$	250
ADT SECURITY SERVICES INC, NORTHCREEK PARKWAY N., BOTHELL WA	\$	2,000
ADVANCED HEATING & AIR CONDITIONING INC., SE FOSTER RD., PORTLAND OR	\$	250
AIR-AMERICA INC, PO BOX, BRUSH PRAIRIE WA	\$	250
ALZOLA, MERRIE, MCDONALD RD, WASHOUGAL WA	\$	250
AMTECH LIGHTING SERVICES, E ORANGEWOOD AVE, ANAHEIM CA	\$	1,000
ANGUIANO, TABITHA, PO BOX, AMBOY WA	\$	250
B&B AIR CONDITIONING/HTG INC, PO BOX, LONGVIEW WA	\$	250
BD COMMUNICATIONS, WELCH PLACE, MANSFIELD TX	\$	750
BUNDY, NICHOLAS, SUMMIT PLACE DRIVE, MCCLEARY WA	\$	250
CHRISTENSON ELECTRIC INC, NW THURMAN ST, PORTLAND OR	\$	250
COKL, ERICK, CAVALIER LOOP SW, OLYMPIA WA	\$	250
COOK SECURITY GROUP INC, SE INTERNATIONAL WAY, MILWAUKIE OR	\$	250
CORNERSTONE BUILDERS INC., SW 156TH AVE, BEAVERTON OR	\$	250
HADFIELD, MICHAEL, NW 13TH CT., VANCOUVER WA	\$	250
HALES, KEVIN, N.E. 159TH AVE., VANCOUVER WA	\$	250
HALL & SON PUMP CO INC, NE CAPLES RD, BRUSH PRAIRIE WA	\$	250
HEATER, JOHN, , OLYMPIA WA	\$	250
JUMP, ROBBY, RYAN LANE, ELMA WA	\$	250
K & C HOME TEK CONST INC, SE 39TH ST, VANCOUVER WA	\$	250
LAKESIDE ELECTRIC INC, PO BOX, VANCOUVER WA	\$	250
LEON, ROBERT, N 31ST, TACOMA WA	\$	500
OSGOOD, MYRON, MONTE-ELMA ROAD, ELMA WA	\$	250
PETLINSKY, MADEZHDA, NE 103 CIRCLE, VANCOUVER WA	\$	250
QUICK, KEVIN, S.W. CINDY ST., BEAVERTON OR	\$	250
SAMMY ELECTRONIC, WISH AVENUE, ENCINO CA	\$	250
STELLAR INSTALL, NW 16TH AVE, BATTLE GROUND WA	\$	250
SYMMETRY CONSTRUCTION SERVICES CORP, N. W. CORNELL RD, HILLSBORO OR	\$	250
THOMPSON, DANIEL, SW 12 AVE, BATTLE GROUND WA	\$	250
THOR ELECTRICAL INC, NE 116 ST, VANCOUVER WA	\$	250
WHITE LIGHTNING ELECTRIC, S.E. 52ND AVE., PORTLAND OR	\$	1,500
Region 5 – Central Washington		
ALLSTAR ELECTRIC INC, W NOB HILL, YAKIMA WA	\$	2,000
CAMERASCAN, PO BOX, NORTH BEND WA	\$	1,000
CHIM CHIMNEY FIREPLACE & SPA, N WENATCHEE AVE, WENATCHEE WA	\$	750
E C S NORTHWEST LLC, W SAGEMOOR, PASCO WA	\$	250
LESCO ELECTRICAL, 9TH ST, PROSSER WA	\$	250
MATTHEWS ELECTRIC LLC, PO BOX, PASCO WA	\$	250
MILLER & SONS HEATING LLC, BAILEY RD, ZILLAH WA	\$	250
SECURETECH NORTH INC, NAISMITH BLVD, EUGENE OR	\$	1,000
SIERRA ELECTRIC INC., PO BOX, PASCO WA	\$	250
STANLEY ELECTRIC LLC, PO BOX, KENNEWICK WA	\$	250
STEREO FIRST BY BEMIS, S 1ST ST, YAKIMA WA	\$	250

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TOLMAN ELECTRIC, LINDERMAN RD, MABTON WA	\$	1,000
VALLEY SHEET METAL, N RAILROAD AVE., ELLENSBURG WA	\$	2,000
WILSON, LIONEL, , PATEROS WA	\$	250
Region 6 – Eastern Washington		
APEX COMPUTER SERVICES, N MCDONALD ST, MELISSA TX	\$	250
DBE DATACOM INC, EL TORO RD, LAKE FOREST CA	\$	250
GREG'S ELECTRICAL LLC, PO BOX, COLFAX WA	\$	1,000
HALL, RODNEY, S SHELLEY LAKE RD, SPOKANE VALLEY WA	\$	250
MAC INDUSTRIES INC, AQUA CIRCLE, COEUR D' ALENE ID	\$	250
MCKENNA, DAN, 12411 PITTSBURG, SPOKANE WA	\$	250
PRECISE RESIDENTIAL ELECTRIC INC., N CRAIG RD., NINE MILE FALLS WA	\$	250
RAIN DANCE PROPERTY MAINTENANCE INC, N GOVERMENT WAY, HAYDEN LAKE ID	\$	250
RIPLEY DEVOLPMENT, N DARTFORD, SPOKANE WA	\$	250
RNT CONSTRUCTION LLC, EAGLE NEST CT, DAVENPORT WA	\$	250
ROHDE, STEVE, COPENHAVEN RD N, CRESTON WA	\$	250
SANDERS, KEITH, W MEADOWVIEW LN, NINE MILE FALLS WA	\$	200
Central Office		
ISLAND CONNECTIONS, LLC, A STREET, EASTSOUND WA	\$	500