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Subject: HQDA EXECUTE ORDER (EXORD) 028-12, PROGRAM MANAGEMENT OF THE ARMY CENTRAL METER PROGRAM

Originator: AOC CAT OPSWATCH G3 DAMO AOC (MC)

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Precedence: PRIORITY

DAC: General

To: FORSCOM G3 CENTRAL TASKING(UC), FORSCOM G3 WATCH OFFICER(UC), TRADOC OPNS CTR CPMO(UC), CG TRADOC(UC), CG TRADOC DCG COFS(UC), SOUTHCOM AL ADMIN(UC), 5 ARMY NORTH AOC(UC), SDDC OPS CTR MSGCEN(UC), SDDC HQ CMD GP SCOTT AFB(UC), SMDC ARSTRAT 1ST SPACE BDE(UC), EIGHTH ARMY CMD GP(UC), ARCYBER CDR(UC), ATEC HQ(UC), CID001 HQ BELVOIR(UC), CMD GRP FT BRAGG NC(UC), MSG CEN HQ USACE(UC), CDR MDW FT MCNAIR DC(UC), USARSO CMD GRP(UC)

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SUBJECT: HQDA EXECUTE ORDER (EXORD) 028-12, PROGRAM MANAGEMENT OF THE ARMY CENTRAL METER PROGRAM

MSGID/ORDER/HQDA//

REF/A/PUBLIC LAW 109-58, 42 USC 15801, 109TH CONGRESS, ENERGY POLICY ACT OF 2005, 8 AUGUST 2005.

REF/B/PUBLIC LAW 110-140, 42 USC 17001, 110TH CONGRESS, ENERGY INDEPENDENCE AND SECURITY ACT OF 2007, 19 DECEMBER 2007.

REF/C/EXECUTIVE ORDER (E.O.) 13423, STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY AND TRANSPORTATION MANAGEMENT, 24 JANUARY 2007.

GENTEXT/SITUATION/

1. (U//FOUO) SITUATION. METERING UTILITIES USE ON ARMY INSTALLATIONS IS CONSISTENT WITH STATUTE AND ARMY POLICY AND REQUIRED FOR ALL FACILITIES WHERE ECONOMICALLY VIABLE. METERING IS EXECUTED CONCURRENTLY BY THE ARMY CENTRAL METER PROGRAM AND IN A DECENTRALIZED MANNER BY COMMANDS AND INSTALLATIONS USING APPROPRIATED FUNDS AND THIRD-PARTY FINANCING, AS AUTHORIZED. THESE VARIOUS METERING EFFORTS CAN RESULT IN INEFFICIENCIES AND MISSED OPPORTUNITIES. THEY ALSO HAVE HEIGHTENED AWARENESS OF NON-COMFORMANCE WITH NETWORK SECURITY REGULATIONS, WHICH IMPEDES ARMY COMPLIANCE WITH THE ENERGY POLICY ACT OF 2005 AND ENERGY INDEPENDENCE AND SECURITY ACT OF 2007.

2. (U//FOUO) MISSION. EFFECTIVE IMMEDIATELY, ARMY INSTALLATION FACILITY ENERGY AND WATER USE WILL BE METERED AS DIRECTED, AND INCORPORATED INTO ENERGY MONITORING SYSTEMS TO PROVIDE EFFECTIVE, ACCURATE AND COMPLIANT COLLECTION AND REPORTING FOR TIMELY ENERGY MANAGEMENT AND ACCOUNTABILITY.

3. (U//FOUO) EXECUTION.

3.A. (U//FOUO) INTENT. IT IS THE ARMY'S INTENT, WITH USACE AS THE PROGRAM MANAGER, TO ENSURE THAT ALL METERING AND ENERGY MONITORING SYSTEM PROCUREMENT AND FIELDING CONTRIBUTE TO THE ARMY END-STATE VISION. THE ARMY WILL IMPLEMENT, IN PHASES, THE ARMY CENTRAL METER PROGRAM TO METER BUILDINGS AND PROVIDE DATA MANAGEMENT CAPABILITY. THE PROGRAM WILL INSURE THAT EQUIPMENT IS COMPATIBLE WITH THE PERFORMANCE AND SECURITY

REQUIREMENTS THAT THE PROGRAM MANAGER IN CONJUNCTION WITH THE TECHNICAL PROPONENT DETERMINE APPROPRIATE. THE PROGRAM WILL ESTABLISH A METER STANDARD IN ORDER TO ELIMINATE NON-CONFORMANCE, INEFFICIENCY AND A VARIETY OF EQUIPMENT AND SYSTEMS THAT MAKE ACHIEVEMENT AND SUSTAINMENT OF NETWORK SECURITY MORE DIFFICULT. THE PROGRAM ALSO WILL ENABLE THE EFFICIENT COLLECTION, REPORTING AND DISSEMINATION OF ENERGY MANAGEMENT DATA.

3.B. (U//FOUO) CONCEPT OF THE OPERATION: TO FACILITATE THIS MISSION, THE ARMY WILL IMPLEMENT, IN PHASES, THE ARMY CENTRAL METER PROGRAM TO METER BUILDINGS AND PROVIDE DATA MANAGEMENT CAPABILITY. THE ARMY ASSISTANT CHIEF OF STAFF, INSTALLATION MANAGEMENT (ACSIM) IS THE DESIGNATED FUNCTIONAL PROPONENT FOR THE ARMY CENTRAL METER PROGRAM AND U.S. ARMY NETWORK ENTERPRISE TECHNOLOGY COMMAND (NETCOM) IS THE TECHNICAL PROPONENT. THE U.S. ARMY CORPS OF ENGINEERS (USACE) WILL SERVE AS THE PROGRAM MANAGER, WITH DUTIES AND RESPONSIBILITIES AS DEFINED IN THIS EXORD, AND PROVIDE ARMY-WIDE OVERSIGHT AND SYNCHRONIZATION OF THE PROCUREMENT, INSTALLATION, NETWORK CONNECTIVITY, OPERATION AND SECURE REPORTING OF ARMY ENERGY METERING DEVICES AND ENERGY MONITORING SYSTEMS.

3.B.1. (U//FOUO) PHASE 1.

3.B.1.A. (U//FOUO) BY THIS EXORD, USACE IS HEREBY ASSIGNED RESPONSIBILITY FOR PROGRAM MANAGEMENT OF THE ARMY CENTRAL METER PROGRAM, WHICH WILL CONSIST OF INSTALLATION OF APPROXIMATELY 12,000 ADVANCED ELECTRIC METERS, 4,000 NATURAL GAS METERS, AND REQUIRED WATER AND STEAM METERS; AND INTEGRATION OF METER REPORTING INTO METER MANAGEMENT SYSTEMS. ELECTRIC METERING WHERE REQUIRED BY THE ENERGY POLICY ACT OF 2005 WILL BE COMPLETED NO LATER THAN 30 SEPTEMBER 2012. NATURAL GAS, WATER AND STEAM METER INSTALLATION AND REPORTING SYSTEMS WILL BE IN PLACE NO LATER THAN 30 SEPTEMBER 2016.

3.B.1.B. (U//FOUO) DECENTRALIZED METERING MAY CONTINUE BUT SHALL CONFORM TO THE TECHNICAL DIRECTION AND GUIDANCE PROVIDED BY THE PROGRAM MANAGER FOR THE CENTRALLY FUNDED METERING PROGRAM. ALL ARMY COMPONENTS, INCLUDING USACE DISTRICTS, CURRENTLY PLANNING OR IMPLEMENTING METERING OR ENERGY MONITORING SYSTEMS SHALL IMMEDIATELY CONTACT THE PROGRAM MANAGER OF THE ARMY CENTRAL METER PROGRAM FOR CONSULTATION AND REVIEW OF TECHNICAL SPECIFICATIONS, INCLUDING METER DATA REPORTING METHODOLOGY AND CONNECTIVITY ARCHITECTURE. SEE COORDINATION INSTRUCTIONS FOR INTEGRATION AND SYNCHRONIZATION RESPONSIBILITIES.

3.B.2. (U//FOUO) PHASE 2. ON ORDER, THE PROGRAM MANAGER WILL EXPAND THE ARMY CENTRAL METER PROGRAM TO INCLUDE ADDITIONAL METERING REQUIREMENTS. THESE REQUIREMENTS MAY INCLUDE, BUT ARE NOT LIMITED TO, THE INTEGRATION OF ALL INSTALLATION AND/OR REGIONAL MANAGEMENT SYSTEMS INTO AN ENTERPRISE-WIDE SINGLE METER DATA MANAGEMENT SYSTEM (MDMS); METERING OF OPERATIONAL ENERGY USE BY INSTALLATIONS AND DATA CENTERS; AND METERING OF OTHER FACILITIES IN ORDER TO TRACK AN ADDITIONAL PERCENTAGE OF ALL ARMY ENERGY USE AS PRESCRIBED IN THE ARMY METER IMPLEMENTATION PLAN.

3.B.3. (U//FOUO) USACE PROGRAM MANAGER IS RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE ENTERPRISE/REGIONAL METER DATA MANAGEMENT SYSTEM,

USING ANNUAL FUNDING PROGRAMMED AND FURNISHED BY THE FUNCTIONAL PROPONENT (ACSIM).

3.C. (U//FOUO) TASKS TO SUBORDINATE UNITS.

3.C.1. (U//FOUO) ACSIM.

3.C.1.A. (U//FOUO) AS THE DESIGNATED FUNCTIONAL PROPONENT FOR THE ARMY CENTRAL METER PROGRAM, ESTABLISH POLICY, REQUIREMENTS AND GUIDANCE APPLICABLE TO ALL ARMY METERING AND ENERGY MONITORING SYSTEMS.

3.C.1.B. (U//FOUO) ISSUE A METER IMPLEMENTATION PLAN NO LATER THAN 21 NOV 2011.

3.C.1.C. (U//FOUO) WHEN APPROPRIATE, ISSUE FRAGO(S) TO EXECUTE PHASE 2 OF THE ARMY CENTRAL METER PROGRAM.

3.C.1.D. (U//FOUO) SECURE FUNDING FOR CONTINUED OPERATION OF THE ARMY CENTRAL METER PROGRAM AND ASSOCIATED FUNCTIONS.

3.C.1.E. (U//FOUO) PARTICIPATE IN ARMY CENTRAL METER PROGRAM WORKING GROUPS.

3.C.1.F. (U//FOUO) SPECIFY THE FORMAT AND MANNER FOR THE PROGRAM MANAGER'S MONTHLY REPORTS TO THE OACSIM AND THE QUARTERLY REPORTS TO THE SICE BOARD.

3.C.2. (U//FOUO) USACE.

3.C.2.A. (U//FOUO) SERVE AS THE PROGRAM MANAGER.

3.C.2.B. (U//FOUO) PROVIDE ARMY-WIDE OVERSIGHT AND SYNCHRONIZATION OF THE PROCUREMENT, INSTALLATION, NETWORK CONNECTIVITY, OPERATION AND SECURE REPORTING OF ARMY ENERGY METERING DEVICES AND ENERGY MONITORING SYSTEMS.

3.C.2.C. (U//FOUO) EXECUTE METER INSTALLATION, AND ENSURE CONNECTIVITY OF METERS AND ENERGY MONITORING SYSTEMS AND INTEGRATION OF METERS INSTALLED BY OTHER SOURCES.

3.C.2.D. (U//FOUO) DEVELOP AND MAINTAIN TECHNICAL GUIDANCE APPLICABLE TO THE PROCUREMENT AND FIELDING OF ALL ARMY METERING AND ENERGY MONITORING SYSTEMS REGARDLESS OF FUNDING SOURCE OR ACQUISITION METHOD.

3.C.2.E. (U//FOUO) COORDINATE GUIDANCE WITH THE ACSIM, CHIEF INFORMATION OFFICER (CIO)/G-6, NETCOM AND ARMY CYBER COMMAND (ARCYBER).

3.C.2.F. (U//FOUO) ESTABLISH A SERVICE LEVEL AGREEMENT AMONG ACSIM, NETCOM AND USACE TO DEFINE SHORT-TERM AND LONG-TERM ROLES AND RESPONSIBILITIES ASSOCIATED WITH OPERATION AND MAINTENANCE OF THE ARMY CENTRAL METER PROGRAM AND SECURITY INFRASTRUCTURE.

3.C.2.G. (U//FOUO) SCHEDULE PLANNING VISITS AND METER INSTALLATION WITH GARRISONS; INSTALL METERS; AND ENSURE CONNECTIVITY WITH THE GARRISON ENERGY MONITORING SYSTEM.

3.C.2.H. (U//FOUO) ESTABLISH A WORKING GROUP WITH INFORMATION SYSTEMS ENGINEERING COMMAND (ISEC), NETCOM AND OTHER COMMANDS, AS REQUIRED, (FOR THE PURPOSE OF THIS EXORD, "COMMANDS" REFERS TO INSTALLATION MANAGEMENT COMMAND (IMCOM), ARMY NATIONAL GUARD (ARNG), U.S. ARMY RESERVE COMMAND (USARC), SPACE AND MISSILE DEFENSE COMMAND/ARMY STRATEGIC COMMAND (SMDC/ARSTRAT), ARMY MATERIEL COMMAND (AMC) AND MEDICAL COMMAND (MEDCOM)) FOR TYPE ACCREDITATION/TESTING OF ARMY METERS AND ENERGY MONITORING SYSTEMS.

3.C.2.I. (U//FOUO) COORDINATE WITH NETCOM, ISEC AND OTHER DOD AGENCIES FOR TECHNOLOGY TRANSFER AND LESSONS LEARNED RELATED TO METER CONNECTIVITY/EXECUTION.

3.C.2.J. (U//FOUO) ESTABLISH PROGRAM MANAGEMENT PLANS WITH COMMANDS FOR WORKING-LEVEL PROGRAM EXECUTION.

3.C.2.K. (U//FOUO) REVIEW METERING PROGRAMS FOR ADHERENCE TO REGULATIONS AND STANDARDS.

3.C.2.L. (U//FOUO) MAINTAIN AND UPDATE METER STANDARDS.

3.C.2.M. (U//FOUO) DEVELOP AND MAINTAIN A METER INSTALLATION COORDINATION DATABASE TO TRACK METER PROGRAMS ACROSS THE ARMY.

3.C.2.N. (U//FOUO) SERVE AS LEAD FOR THE ARMY-LEVEL WORKING GROUP REGARDING GUIDANCE, TESTING AND IMPLEMENTATION.

3.C.2.O. (U//FOUO) PRESENT STATUS REPORTS ON PROGRAM PROGRESS AND WAY AHEAD MONTHLY TO THE OACSIM DIRECTOR OF OPERATIONS IN A FORMAT AND MANNER PRESCRIBED BY THE DIRECTOR.

3.C.2.P. (U//FOUO) WHEN REQUESTED, PRESENT QUARTERLY STATUS REPORTS TO THE CO-CHAIRS OF THE SERVICES AND INFRASTRUCTURE CORE ENTERPRISE (SICE) BOARD IN A MANNER PRESCRIBED BY THE OACSIM DIRECTOR OF OPERATIONS.

3.C.3. (U//FOUO) ARMY CIO/G-6.

3.C.3.A. (U//FOUO) IN COORDINATION WITH NETCOM AND ARCYBER SECURITY (CYBER IA), ESTABLISH ARMY INFORMATION TECHNOLOGY POLICY FOR ALL ARMY METERING SYSTEMS.

3.C.3.B. (U//FOUO) PARTICIPATE IN ARMY CENTRAL METER PROGRAM WORKING GROUPS.

3.C.4. (U//FOUO) NETCOM.

3.C.4.A. (U//FOUO) AS THE TECHNICAL PROPONENT FOR THE ARMY CENTRAL METER PROGRAM, ESTABLISH POLICY FOR METERING SYSTEMS' NETWORTHINESS, IN COORDINATION WITH CIO/G-6 AND ARCYBER, TO ENSURE SECURITY OF ARMY INTERNET/COMMUNICATIONS SYSTEM. ISSUE OPORDS AS NECESSARY TO IMPLEMENT THE REQUIREMENTS OF THIS EXORD AS RELATED TO SECURE METER CONNECTIVITY.

3.C.4.B. (U//FOUO) APPROVE ISEC-TESTED METERS/MONITORING SYSTEMS FOR THE PRODUCTS LIST.

3.C.4.C. (U//FOUO) ENSURE THAT INSTALLATION NETWORK ENTERPRISE CENTER ACTIVITIES RESOLVE CONNECTIVITY ISSUES IN SUPPORT OF THE PROGRAM MANAGER.

3.C.4.D. (U//FOUO) PARTICIPATE IN ARMY CENTRAL METER PROGRAM WORKING GROUPS.

3.C.4.E. (U//FOUO) DEVELOP NETWORK AND INSTALLATION STANDARDS FOR IMPLEMENTATION AND MAINTENANCE OF ARMY CENTRAL METER PROGRAM SYSTEMS' INTERFACE TO TELECOM SYSTEMS.

3.C.4.F. (U//FOUO) UPDATE AND MAINTAIN INSTALLATION TELECOM DOCUMENTATION TO SUPPORT THE ARMY CENTRAL METER PROGRAM.

3.C.5. (U//FOUO) ISEC.

3.C.5.A. (U//FOUO) TEST EQUIPMENT AND DEVELOP DOCUMENTATION FOR NETCOM APPROVAL.

3.C.5.B. (U//FOUO) PARTICIPATE IN ARMY CENTRAL METER PROGRAM WORKING GROUPS.

3.C.6. (U//FOUO) OTHER ARMY COMMANDS (IMCOM, ARNG, USARC, SMDC/ARSTRAT, AMC AND MEDCOM).

3.C.6.A. (U//FOUO) APPROVE LISTS OF BUILDINGS AND SYSTEMS TO BE METERED.

3.C.6.B. (U//FOUO) IN COORDINATION WITH PROGRAM MANAGER, SCHEDULE FACILITY OFF-LINE TIME FOR METER INSTALLATION.

3.C.6.C. (U//FOUO) COORDINATE AND SUPPORT SITE VISITS AND INSTALLATIONS WITH PROGRAM MANAGER.

3.C.6.D. (U//FOUO) BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE SYSTEM FROM THE METERS TO THE HEAD-END SERVER OR INSTALLATION ENERGY MONITORING SYSTEM.

3.C.6.E. (U//FOUO) PARTICIPATE IN ARMY CENTRAL METER PROGRAM WORKING GROUPS.

3.C.6.F. (U//FOUO) IDENTIFY INSTALLATION POC TO PROGRAM MANAGER OFFICE.

3.C.6.G. (U//FOUO) SUPPORT AND IMPLEMENT METER REGULATIONS/POLICY/GUIDANCE.

3.C.7. (U//FOUO) ARCYBER.

3.C.7.A. (U//FOUO) IN ACCORDANCE WITH CIO/G-6, ESTABLISH IA POLICY TO SUPPORT ARMY CENTRAL METER PROGRAM.

3.C.7.B. (U//FOUO) PARTICIPATE IN ARMY CENTRAL METER PROGRAM WORKING GROUPS.

3.D. (U//FOUO) COORDINATING INSTRUCTIONS.

3.D.1. (U//FOUO) ARMY CENTRAL METER PROGRAM MANAGER.

3.D.1.A. (U//FOUO) PROGRAM MANAGER INITIATES CONTACT WITH THE INSTALLATION POINT OF CONTACT (POC) THROUGH THE COMMAND, VIA EMAIL AND TELEPHONE, AND PROVIDES A COPY OF THE STANDARD METERING PERFORMANCE WORK STATEMENT (PWS) AT LEAST 30 DAYS PRIOR TO THE PLANNED AWARD OF THE METER REQUIREMENTS SURVEY.

3.D.1.B. (U//FOUO) THE PROGRAM MANAGER EXTRACTS AN INITIAL LIST OF BUILDINGS 29,000 SF OR LARGER FROM THE REAL PROPERTY INVENTORY. THIS GROUP WILL BE USED TO DEVELOP A PRELIMINARY LIST OF BUILDINGS TO BE METERED IN ACCORDANCE WITH THIS EXORD AND STANDARD PWS.

3.D.1.C. (U//FOUO) IN COORDINATION WITH THE METER PROGRAM MANAGER AND THE COMMAND, THE INSTALLATION POC MAY ADJUST THE FACILITY LIST TO ADD LARGE ENERGY CONSUMERS AND REIMBURSABLE TENANT FACILITIES, OR TO DELETE FACILITIES THAT NO LONGER MEET CRITERIA FOR METERING OR ARE PLANNED FOR NEAR-TERM DEMOLITION. ADJUSTMENTS MUST INCLUDE THE OFFICIAL RPI BUILDING NUMBER, CATEGORY CODE AND SQUARE FOOTAGE FOR EACH. THE INSTALLATION POC WILL ALSO SCRUB THE FACILITY LIST TO ENSURE ACCURACY OF THE RPI INFORMATION. WITH COMMAND APPROVAL, THIS BECOMES THE PRE-CERTIFIED BUILDING METERING LIST THAT IS DUE TO THE PROGRAM MANAGER WITHIN 30 DAYS FROM THE INITIAL CONTACT DESCRIBED IN PARAGRAPH 3.D.1.A.

3.D.1.D. (U//FOUO) REQUESTS TO DEVIATE FROM METERING CRITERIA MUST BE SUBMITTED THROUGH THE COMMAND TO THE PROGRAM MANAGER.

3.D.1.E. (U//FOUO) WITHIN 30 DAYS OF RECEIPT OF THE COMMAND'S PRE-CERTIFIED METERING LIST, THE PROGRAM MANAGER WILL AWARD THE CONTRACT TO PERFORM THE DETAILED METER REQUIREMENTS SURVEY.

3.D.1.F. (U//FOUO) WITHIN ONE WEEK AFTER AWARD OF THE METER SURVEY, THE PROGRAM MANAGER WILL CONTACT THE INSTALLATION POC, THROUGH THE COMMAND, TO SCHEDULE THE METER SURVEY KICK-OFF MEETING WITH THE CONTRACTOR.

3.D.1.G. (U//FOUO) WITHIN 120 DAYS (TYPICAL) FROM THE KICK-OFF MEETING, THE CONTRACTOR WILL SUBMIT THE METER SURVEY REPORT AND ITS METER INSTALLATION TECHNICAL DATA PACKAGE (TDP), DESCRIBING THE PROPOSED TECHNICAL APPROACH FOR THE INSTALLATION OF METERS AND ENERGY MONITORING SYSTEMS.

3.D.1.H. (U//FOUO) THE PROGRAM MANAGER WILL COORDINATE THE TDP WITH THE INSTALLATION POC THROUGH THE COMMAND FOR EVALUATION AND COMMENT.

3.D.1.I. (U//FOUO) ALL COMMENTS WILL BE DEVELOPED INTO A NEGOTIATION POSITION. THE INSTALLATION POC AND/OR ACOM POC WILL HAVE THE OPPORTUNITY TO DISCUSS CONCERNS WITH THE TDP AT THIS TIME.

3.D.1.J. (U//FOUO) THE ESTIMATED TIME REQUIRED FOR REVIEW/APPROVAL OF THE TDP AND NEGOTIATING THE PRICE OF METER INSTALLATION IS 8 TO 10 WEEKS (TYPICAL).

3.D.1.K. (U//FOUO) DISAGREEMENTS OVER THE BEST VALUE TECHNICAL APPROACH WILL BE ELEVATED, FOLLOWING CHAIN OF COMMAND TO ACSIM IF REQUIRED. RESOLUTION SHOULD BE SOUGHT AT THE LOWEST LEVEL POSSIBLE.

3.D.1.L. (U//FOUO) WITHIN 45 DAYS OF AWARD OF THE METER INSTALLATION EFFORT, THE INSTALLATION POC AND CONTRACTOR WILL DEVELOP THE FACILITY POWER OUTAGE SCHEDULE AND OBTAIN APPROVAL OF THE GARRISON COMMANDER (OR FUNCTIONAL EQUIVALENT).

3.D.1.M. (U//FOUO) THE INSTALLATION POC WILL INFORM ALL FACILITY OCCUPANTS OF THE POWER OUTAGE SCHEDULE. THE CONTRACTOR WILL NEED AS MUCH COOPERATION FROM THE INSTALLATION AS PRACTICAL TO ACCOMPLISH METER INSTALLATION IN A TIMELY, COST-EFFECTIVE MANNER. THE CONTRACTOR WILL PLAN ITS WORK TO MINIMIZE OPERATIONAL IMPACT TO FACILITY OCCUPANTS. ALL ANTICIPATED, REQUESTED OR ACTUAL DELAYS TO THE FACILITY POWER OUTAGE SCHEDULE WILL BE IMMEDIATELY ELEVATED TO THE GARRISON COMMANDER (OR EQUIVALENT) AND TO THE PROGRAM MANAGER. WHERE APPROPRIATE, THE INSTALLATION POC WILL PROVIDE MECHANICAL ROOM KEYS TO THE CONTRACTOR AND, IF DEEMED NECESSARY BY THE INSTALLATION POC, ARRANGE FOR INSTALLATION PERSONNEL TO ESCORT THE CONTRACTOR TO METER AND MANAGEMENT SYSTEM INSTALLATION WORK AREAS.

3.D.1.N. (U//FOUO) QUALITY ASSURANCE (QA) WILL BE MANAGED BY THE ARMY CENTRAL METER PROGRAM MANAGER. THE PROGRAM MANAGER DEVELOPS A QUALITY ASSURANCE PLAN WITH THE COMMAND AND THE INSTALLATION DIRECTORATE OF PUBLIC WORKS. THE PROGRAM MANAGER WILL CONDUCT INSPECTIONS AND FOLLOW UP ACCORDING TO THE QA PLAN, ALONG WITH THE INSTALLATION POC, TO ENSURE SATISFACTORY COMPLETION OF METER AND MANAGEMENT SYSTEM INSTALLATION.

3.D.1.O. (U//FOUO) THE ARMY CENTRAL METER PROGRAM MANAGER WILL CONDUCT METER NETWORK COMMISSIONING ONCE THE NEC GRANTS APPROVAL TO CONNECT.

3.D.2. (U//FOUO) DECENTRALIZED METERING. TO ACHIEVE THE INTENT DESCRIBED IN PARAGRAPH 3.A., THE ARMY CENTRAL METER PROGRAM MANAGER SHALL DEVELOP AND MAINTAIN PROGRAM MANAGEMENT PLANS WITH EACH COMMAND IDENTIFIED IN PARAGRAPH 3.C.5. IN ORDER TO DEFINE THE ROLES, RESPONSIBILITIES AND PROCEDURES FOR COORDINATING, INTEGRATING AND SYNCHRONIZING THE PROCUREMENT AND INSTALLATION OF METERS FROM SOURCES OUTSIDE THE ARMY CENTRAL METER PROGRAM.

3.D.3. (U//FOUO) THIS ORDER IS EFFECTIVE FOR EXECUTION UPON RECEIPT.

4. (U//FOUO) SERVICE SUPPORT. PROGRAM MANAGER RESPONSIBILITIES FOR THE ARMY CENTRAL METER PROGRAM REMAIN IN EFFECT UNTIL THIS EXORD IS RESCINDED.

5. (U//FOUO) COMMAND AND SIGNAL.

5.A. (U//FOUO) POINTS OF CONTACT.

5.A.1 (U//FOUO) HQDA, OACSIM: DAVID PURCELL, 571-256-9761 OR DAVID.PURCELL@US.ARMY.MIL; OR ROBERT SPERBERG, 571-256-9767 OR BOB.SPERBERG@US.ARMY.MIL.

5.A.2. (U//FOUO) USACE: STACEY HIRATA, 202-671-5763 OR  
STACEY.K.HIRATA@USACE.ARMY.MIL; OR VALERIE SHIPPERS, 256-895-1323 OR  
VALERIE.S.SHIPPERS@USACE.ARMY.MIL.

5.A.3. (U//FOUO) CIO/G-6: JEFFREY TURNER, 571-256-8939 OR  
JEFFREY.T.TURNER.CIV@MAIL.MIL; AND VICTORIA STROM, 571-256-8960 OR  
VICTORIA.A.STROM.CIV@MAIL.MIL.

5.A.4. (U//FOUO) NETCOM: JUDI MULLIN, 520-456-5793 OR  
JUDI.L.MULLIN.CIV@MAIL.MIL.

5.A.5. (U//FOUO) ISEC: KEVIN LEE, 520-538-6228 OR  
KEVIN.F.LEE2.CIV@MAIL.MIL.

5.A.6. (U//FOUO) IMCOM: GREGG CHISLETT, 210-466-0895 OR  
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5.A.7. (U//FOUO) AMC: HANK DANGERFIELD, 256-450-7094 OR  
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5.A.8. (U//FOUO) SMDC: GARY GUNTER, 256-955-4394 OR  
GARY.GUNTER@SMDC.ARMY.MIL.

5.A.9. (U//FOUO) MEDCOM: ROY HIRCHAK, 210-221-7164 OR  
ROY.HIRCHAK@US.ARMY.MIL.

5.A.10. (U//FOUO) NGB: CW3 CHRIS SWIHART, 703-607-9964 OR  
CHRISTOPHER.SWIHART@US.ARMY.MIL.

5.A.11. (U//FOUO) USAR: LTC RICK ROUZER, 703-545-2025 OR  
RICK.ROUZER@US.ARMY.MIL.

5.A.12. (U//FOUO) ARCYBER: COL WILLIAM DUGGAN, 703-706-2850 OR  
WILLIAM.P.DUGGAN3.MIL@MAIL.MIL.

5.B. (U//FOUO) SIGNAL.

6. (U) EXPIRATION DATE CANNOT BE DETERMINED.

JOHN F. CAMPBELL  
LIEUTENANT GENERAL, GS  
DEPUTY CHIEF OF STAFF, G-3/5/7

LIST OF ANNEXES:  
ANNEX A: ARMY METERING IMPLEMENTATION STRATEGY

DISTRIBUTION:  
PRINCIPAL OFFICIALS OF HEADQUARTERS, DEPARTMENT OF THE ARMY  
COMMANDER

U.S. ARMY FORCES COMMAND  
U.S. ARMY TRAINING AND DOCTRINE COMMAND  
U.S. ARMY MATERIEL COMMAND

U.S. ARMY EUROPE AND SEVENTH ARMY  
U.S. ARMY CENTRAL  
U.S. ARMY NORTH  
U.S. ARMY SOUTH  
U.S. ARMY PACIFIC  
U.S. ARMY AFRICA  
U.S. ARMY SPECIAL OPERATIONS COMMAND  
MILITARY SURFACE DEPLOYMENT AND DISTRIBUTION COMMAND  
U.S. ARMY SPACE AND MISSILE DEFENSE COMMAND/ARMY STRATEGIC COMMAND  
EIGHTH U.S. ARMY  
U.S. ARMY CYBER COMMAND  
U.S. ARMY NETWORK ENTERPRISE TECHNOLOGY COMMAND/9TH SIGNAL COMMAND  
(ARMY)  
U.S. ARMY MEDICAL COMMAND  
U.S. ARMY INTELLIGENCE AND SECURITY COMMAND  
U.S. ARMY CRIMINAL INVESTIGATION COMMAND  
U.S. ARMY CORPS OF ENGINEERS  
U.S. ARMY MILITARY DISTRICT OF WASHINGTON  
U.S. ARMY TEST AND EVALUATION COMMAND  
U.S. ARMY RESERVE COMMAND  
U.S. ARMY INSTALLATION MANAGEMENT COMMAND  
U.S. ARMY ACCESSIONS COMMAND  
U.S. MILITARY ENTRANCE PROCESSING COMMAND

SUPERINTENDENT, UNITED STATES MILITARY ACADEMY  
DIRECTOR, U.S. ARMY ACQUISITION SUPPORT CENTER  
DEPUTY UNDER SECRETARY OF THE ARMY (BUSINESS TRANSFORMATION)  
DIRECTOR, INFORMATION TECHNOLOGY AGENCY