Williams, Ronald L

From: Charles_M._Smith@ovp.eop.gov%internet [Charles_M._Smith@ovp.eop.gov]
Sent: Thursday, March 29, 2001 9:34 AM
To: Kelliher, Joseph; Kolevar, Kevin; Anderson, Margot; Juleanna_R._Glover@ovp.eop.gov%internet; Kmurry@osec.doc.gov%internet; Dina.Ellis@do.treas.gov%internet; Sue_Ellen_Wooldridge@IOS.DOI.gov%internet; Joel_D._Kaplan@who.eop.gov%internet; Keith.Collins@USDA.gov%internet; Joseph.Glauber@USDA.gov%internet; Galloglysj@State.gov%internet; McManusMr@State.gov%internet; Michelle.Poche@OST.DOT.Gov%internet; Patricia.Stahlschmidt@FEMA.gov%internet; Brenner.Rob@EPA.gov%internet; Symons.Jeremy@EPA.gov%internet; Beale.John@EPA.gov%internet; MPeacock@omb.eop.gov%internet; Mark_A._Weatherly@omb.eop.gov%internet; Robert_C_McNally@opd.eop.gov%internet; Jhoward@ceq.eop.gov%internet; William_Bettenberg@IOS.DOI.gov%internet; Tom_fulton@IOS.DOI.gov%internet; Kjersten_draeger@ovp.eop.gov%internet; Mieblanc@ceq.eop.gov%internet; Bruce.Baughman@FEMA.gov%internet; Charles.m.Hess@USACE.army.mil%internet; commcoll@aol.com%internet; Carol_J._Thompson@who.eop.gov%internet; Sandra_L_Via@omb.eop.gov%internet; Megan_D._Moran@ovp.eop.gov%internet; Ronald_L_Silberman@omb.eop.gov%internet; Lori_A._Krauss@omb.eop.gov%internet; WheelerE@State.gov%internet
Cc: Andrew_D._Lundquist@ovp.eop.gov%internet; Karen_Y_Knutson@ovp.eop.gov%internet; John_fenzel@ovp.eop.gov%internet

Subject: Chapter 10

03_29_01_NEPG
Study_R4.doc
FYI. State's latest draft

(See attached file: 03_29_01_NEPG Study_R4.doc)
To: Buddy Garland/EE/DOE@DOE
cc: 

Subject: TMS for Energy Plan

PO would like to borrow TMS on Friday to help format & make copies of the National Energy Plan. Can you contact Keller ASAP to find out if he can arrange this?
## Title

The Technology and Management Services, Inc.
18757 North Frederick Road
Germantown, Maryland 20879

**Contract Number:** DE-AC01-97CE35050

**Control Number:**

**Task Assignment Number:**

### Contracting Officer's Rep.

**Richard H. Smith**

**Org. Code & Phone:** EE-10, (202) 585-9244

### Technical Monitor

**John Sullivan**

**Org. Code & Phone:** EE-60, (202) 585-5380

### Contract Specialist & Binc

**F. Bernard Watts**

**Org. Code & Phone:** MA-542 (202) 426-0082

### Title of Task Assignment

Technical and Analytical Assistance to the Office of Energy Efficiency and Renewable Energy

### Description of Modification

A. **Description of Work to be Performed** remains unchanged.

B. **Schedule of Performance/Deliverables List and Due Dates** is modified as follows:

**EERE Strategic Management System Budget Hut:**

- Tutorial and Training - DUE November 30, 2000
- Monthly Updates of SMS Budget Hut - DUE 20th of each month
- Monthly Updates of NAPA Action Status - DUE 20th of each month

### Period of Performance

The period of performance for this Task Assignment shall be from October 6, 1999 through July 28, 2001.

### This Task Assignment is Issued Pursuant to the Ordering Procedures Clause of the Subject Contract

**Signature of Contracting Officer**

**Beth A. Tomasoni**

**Date**

**10/31/00**

**Typed Name of Contracting Officer**

24395

DOE024-1801
U.S. DEPARTMENT OF ENERGY
TASK ASSIGNMENT MODIFICATION

CONTRACTOR NAME AND ADDRESS: Technology and Management Services, Inc. 18757 North Frederick Road Gaithersburg, Maryland 20879

CONTRACT NUMBER: DE-AC01-97CE35050

CONTROL NUMBER:

TASK ASSIGNMENT NUMBER: 13B

CONTRACTING OFFICER'S NAME & SIGNATURE: Richard H. Smith

TECHNICAL MONITOR: John Sullivan

CONTRACT SPECIALIST & BNC: F. Bernard Watts

ORG. CODE & PHONE: EE-10, (202) 586-9244

ORG. CODE & PHONE: EE-60, (202) 586-5390

ORG. CODE & PHONE: MA-542 (202) 224-0882

TITLE OF TASK ASSIGNMENT: Technical and Analytical Assistance to the Office of Energy Efficiency and Renewable Energy

DESCRIPTION OF MODIFICATION:

A. DESCRIPTION OF WORK TO BE PERFORMED remains unchanged.

B. SCHEDULE OF PERFORMANCE/DELIVERABLES LIST AND DUE DATES is modified as follows:


PERIOD OF PERFORMANCE:

The period of performance for this Task Assignment shall be from October 6, 1999 through October 31, 2000.

THIS TASK ASSIGNMENT IS ISSUED PURSUANT TO THE ORDERING PROCEDURES CLAUSE OF THE SUBJECT CONTRACT.

Signature of Contracting Officer: Beth A. Tomasoni

Date: 7/31/00

Typed Name of Contracting Officer: Beth A. Tomasoni

24396

DOE024-1802

Obtained and made public by the Natural Resources Defense Council, March/April 2002
**U.S. DEPARTMENT OF ENERGY**  
**TASK ASSIGNMENT**

<table>
<thead>
<tr>
<th>CONTRACTOR NAME AND ADDRESS:</th>
<th>CONTRACT NUMBER: DE-AC01-87CE30500</th>
</tr>
</thead>
</table>
| Technology and Management Services, Inc.  
18757 North Frederick Road  
Gaithersburg, MD 20879 | CONTROL NUMBER: |

<table>
<thead>
<tr>
<th>CONTRACTING OFFICER(S)</th>
<th>TECHNICAL MONITOR</th>
<th>CONTRACT SPECIALIST &amp; BAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard H. Smith</td>
<td>John R. Sullivan</td>
<td>F. Bernard Watts</td>
</tr>
</tbody>
</table>

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<tr>
<th>ORG. CODE &amp; PHONE</th>
<th>ORG. CODE &amp; PHONE</th>
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</tr>
</thead>
<tbody>
<tr>
<td>EE-10 (202) 586-5244</td>
<td>CR-70 (202) 586-5340</td>
<td>MA-542 (202) 426-0082</td>
</tr>
</tbody>
</table>

**TITLE OF TASK ASSIGNMENT:** Technical and Analytical Assistance to the Office of Energy Efficiency and Renewable Energy

**DESCRIPTION OF WORK TO BE PERFORMED:** See Attached

**SCHEDULE OF PERFORMANCE/DELIVERABLES LIST AND DUE DATES:**

**NOTE:** For each deliverable required by this Task Assignment, the Contractor shall submit to the Contracting Officer (CO), and to the Contracting Officer's Representative (COR), a copy of the transmittal letter which evidences timely receipt of the deliverable by the Department of Energy. A separate deliverable entitled "Final Task Status Report" shall provide totals of the cost, fee, and hours expended under this Task Assignment, and shall be provided to the CO, COR, and Technical Monitor, within three months after the completion of this Task Assignment.

**PERIOD OF PERFORMANCE:**

The period of performance for this Task Assignment shall be from the date signed by the Contracting Officer through July 28, 2000.

**THIS TASK ASSIGNMENT IS ISSUED PURSUANT TO THE ORDERING PROCEDURES CLAUSE OF THE SUBJECT CONTRACT.**

THE CONTRACTOR SHALL NOT BE PAID FOR WORK PERFORMED OR COSTS INCURRED UNDER THIS TASK ASSIGNMENT, PRIOR TO THE DATE THIS TASK ASSIGNMENT WAS SIGNED BY THE CONTRACTING OFFICER. IN ADDITION, THE CONTRACTOR IS NOT AUTHORIZED TO PROCEED BEYOND THE PERFORMANCE PERIOD OF THIS TASK ASSIGNMENT, NOR WILL THE CONTRACTOR BE PAID FOR ANY COSTS INCURRED BEYOND THAT PERIOD, UNLESS THIS TASK ASSIGNMENT IS MODIFIED BY THE CONTRACTING OFFICER TO AUTHORIZE ADDITIONAL PERFORMANCE AND PAYMENT.

**Signature:**  
**Date:** 10/6/99  
**Typed Name of Contracting Officer:** Beth A. Tomasoni

DOB024-1803

---

Obtained and made public by the Natural Resources Defense Council, March/April 2002
A. DESCRIPTION OF WORK TO BE PERFORMED:

I. Background

The Office of the Assistant Secretary for Energy Efficiency and Renewable Energy (EERE) and each of its Deputy Assistant Secretary (DAS) offices use and/or maintain several Departmental, EERE, and office-specific business processes and systems. These processes and systems include, among others: the processing and tracking of Work Authorizations (WAs), Procurement Requests (PRs), and Interagency Agreements (IAs); the development and use of “spend plan” systems to assist the planning and tracking of “spending”; the use of these systems to report data to meet the wide range of information requests from sources inside and outside the Department; tracking obligations, costs, and “uncosted”; integrating and tracking plans, goals, performance measures, milestones, project schedules, and budgets; travel budgeting and tracking; and using Departmental systems such as the Financial Information System (FIS), the Departmental Procurement and Acquisition Data System (PADS), and the Departmental Integrated Core Accounting System (DISCAS).

EE has begun to review and possibly re-engineer several of these business processes and systems.

II. Scope

The contractor shall provide technical and analytical assistance to the Office of Planning, Budget and Management (OPBM) and management throughout EE. Such assistance may require direct assistance to other EE DAS organizations.

The assistance to OPBM involves using EE and Departmental processes and systems to assist EE to meet its wide range of periodic and ad hoc business and budget reporting and management requirements. It also involves reviewing, re-engineering, implementing, documenting, maintaining, providing training, and other functions related to establishing the systems and processes required to improve the efficiency and effectiveness of the EE business management infrastructure.

The scope includes the following subtasks.

1. Document Review and Evaluation

OPBM will have a requirement for assistance in the review, analysis and/or evaluation of documents such as programmatic and technical reports, articles relating to policy and other issues affecting EE, as well as memoranda, regulations and notices to be used in the evaluation of current programs, in the planning of the future program directions, and in responding
A. DESCRIPTION OF WORK TO BEPERFORMED: (Continued)

...and analyses that may be necessary to develop any additional information required; and drafting text and preparing appropriate graphics to illustrate the salient points of the presentation and providing these in the appropriate format. Briefing graphics shall be provided as view graphs for overhead projector and/or as 35-mm slides, as required for each presentation.

3. Budget Development and Tracking Support

There is need for a wide range of support associated with EE budget systems and processes. Such support requires review and synthesis of extensive technical and programmatic documentation, analysis of historical budget trends, development of issue analysis papers and development of characterizations of the industry sector to clarify the timing and potential application of the output of EE programs. The contractor shall provide support to OPBM in these activities by:

- Reviewing, and as appropriate, reengineering budget/business systems and processes;
- Assembling budget and program data into briefing books; and
- Preparing fact sheets, tables, graphics and other support materials as requested.

4. Legislative Support

The contractor, upon request by OPBM, shall provide summaries of and concise and timely assessments of the implications of various legislative proposals on both current statutes and current departmental initiatives; side-by-side comparisons of Senate and House
A. DESCRIPTION OF WORK TO BE PERFORMED: (Continued)

versions of important legislation impacting EE programs; and prepare other materials, on request, to assist in following and analyzing the impact of this legislation.

5. Program Planning and Evaluation Support

The contractor shall prepare background and reference materials, as requested, for use in planning, administering and providing technical direction to EE programs.

The contractor shall assist EE in its response to GPRA requirements. This may include development of an organizational strategy to support EE-1 in keeping compliant with performance-level management/contracting in EE technology area, and the development of corresponding performance criteria consistent with established DOE GPRA methodology.

6. Document Preparation Support

The contractor shall provide assistance (including the assembling of information, graphics production, typing and editing) in the preparation of forms, reports, issue papers, memoranda and other documents, as requested by OPBM.

7. Meetings Support

The contractor shall:

- Provide technical and logistical support, as required, for planning and review meetings, and for committees, working groups and task forces in which EE is involved;

- Participate in committees, working groups, and task forces, as requested; and

- Attend conferences and other meetings, when requested, and provide meeting summaries or such other reports or analyses of the meetings as requested by EE.

8. File Maintenance Support

The contractor shall:

- Maintain files of reports, regulations, memoranda and other documents to be provided by EE for use as reference materials in accomplishing the above tasks. The files are to be organized so that a specific document can be readily retrieved and an inventory of these reference files shall be provide quarterly,
A. DESCRIPTION OF WORK TO BE PERFORMED: (Continued)

- Assist in other file maintenance as requested.

B. SCHEDULE OF PERFORMANCE/DELIVERABLES LIST AND DUE DATES:

1. FIS Downloads to Excel and Analyses - DUE - Monthly
3. Monthly Task Status Report - DUE - 20th of each month
Calendar Entry

- Appointment
- Event
- Reminder
- Anniversary

Brief description:

Date: 02/12/2001
Time: 09:00 AM - 10:00 AM

Detailed description:

Obtained and made public by the Natural Resources Defense Council, March/April 2002
Calendar Entry

- Appointment
- Invitation
- Event
- Reminder
- Anniversary

Brief description:
NEP draft due to FO

Date: 02/10/2001
Time: 03:00 PM - 04:00 PM

Pencil in: Not for public viewing

Detailed description:
Calendar Entry

- Appointment  - Invitation  - Event  - Reminder  - Anniversary

Brief description:
NEP meeting

Date:  Time:
02/20/2001  11:30 AM - 12:30 PM

Pencil in  Not for public viewing

Detailed description:

24404

DOE024-1810

Obtained and made public by the Natural Resources Defense Council, March/April 2002
Calendar Entry

• Appointment • Invitation • Event • Reminder • Anniversary

Brief description:
Meet to discuss WH comments NEP 7H-040

Date: 02/27/2001
Time: 03:30 PM - 04:30 PM
Pencil in • Not for public viewing

Detailed description:
Calendar Entry

Brief description: "Charlie Smith"

Date: 02/26/2001  Time: 10:00 AM - 11:00 AM  

Detailed description:

Obtained and made public by the Natural Resources Defense Council, March/April 2002
Calendar Entry

- Appointment  - Invitation  - Event  - Reminder  - Anniversary

Brief description:
Po nep mlg.

Date: 03/05/2001  Time: 01:30 PM - 02:00 PM

Pencil in  Not for public viewing

Detailed description:

Obtained and made public by the Natural Resources Defense Council, March/April 2002
Calendar Entry

- Appointment  
- Invitation  
- Event  
- Reminder  
- Anniversary

Brief description:
Nepean conference room

Date: 03/05/2001
Time: 02:30 PM - 03:30 PM

Detailed description:

Obtained and made public by the Natural Resources Defense Council, March/April 2002
Calendar Entry

Brief description:
First ever Hep policy list due

Date:  Duration (days):
03/08/2001  1

Pencil in  Not for public viewing

Detailed description:

24409

DOE024-1815

Obtained and made public by the Natural Resources Defense Council, March/April 2002
Calendar Entry

- Appointment □ Invitation □ Event □ Reminder □ Anniversary

Brief description:
NEP meeting

Date: 03/12/2001
Time: 03:00 PM - 04:00 PM
□ Pencil in □ Not for public viewing

Detailed description:

Obtained and made public by the Natural Resources Defense Council, March/April 2002
Calendar Entry

Brief description:

Date: 03/30/2001
Time: 10:00 AM - 11:00 AM

Pencil in: Not for public viewing

Detailed description:
From: Margot Anderson at HQ-EXCH at X400PO
Sent: Monday, March 12, 2001 8:43 AM
To: Kydes, Andy; O'Donovan, Kevin; Andrea Lockwood at HQ-EXCH at X400PO; William Breed at HQ-EXCH at X400PO; Michael Whatley at HQ-EXCH at X400PO; Douglas Carter at HQ-EXCH at X400PO; Jay Braitsch at HQ-EXCH at X400PO; Elena Melchert at HQ-EXCH at X400PO; TREvor Cook at HQ-EXCH at X400PO; jkstier@epa.gov at internet at X400PO; Kevin Kolevar at HQ-EXCH at X400PO; Paula Scalingi at HQ-EXCH at X400PO; Abe Haspel at HQ-NOTES at X400PO; MaryBeth Zimmerman at HQ-NOTES at X400PO; Joseph Kelliher at HQ-EXCH at X400PO
Cc: 
Subject: NEP Policy Options

All,

As of Friday, I received about 65 policy options. I put together the summaries for each (attached) and will have the whole set photocopied to bring to today's 3:00 meeting (7B-040). I need to rearrange these by topic (not everybody identified which policy goal (from the list we put together) the option went with. Right now it is just a listing in the order received. Our goal for today will be to get a sense of what is most important and which ones we might want to go forward with for the WH group on Wednesday.
Wisconsin Import Capability

Some years ago, the WI PSC had blocked utility efforts to reinforce the Minnesota – Wisconsin interface by adding additional 345 kV transmission. Utilities did what they could to reinforce underlying 138 kV transmission, but the interface continued to be a bottleneck. In 1997 and 1998, several near disaster incidents occurred with respect to the Eau Claire – Arpin 345 kV line which connects Minnesota and Wisconsin (system separation, voltage excursions which affected a nearby nuclear plant, inability to reclose the line, etc.), so the WI legislature ordered a study be done of how to increase WI’s import capability. The results, which were developed by a broad group of utilities, with state commission liaison, supported the need for a new 345 kV line from Arrowhead (in MN) to Weston (in WI). Coupled with this integrated plan was the addition of a new 345 kV line in Illinois that would improve WI’s ability to import power from the south. Taken together, these projects would increase WI’s import capability by 3,000 MW.

The Arrowhead-Weston line is in the final stages of hearings, and if everything goes well, will receive final approvals this July, and be in service as soon as Summer 2004. The other 345 kV line in Illinois has lagged behind because, as the Illinois Commerce Commission stated, it didn’t think it had the authority to approve a line that had no overt benefit to Illinois consumers.

Valley-Rainbow 500 kV Interconnect Project

This project is planned to meet growing load requirements in San Diego by 2004. A Certificate of Public Convenience and Necessity was filed with and accepted by the CAPUC in March. Interventions have been received and responded to. Lot of opposition north of SD (Save Southwest Riverside County). Opponents are saying the line is not needed for SD; don’t want to see it installed just to help generators in the south transfer power to the north. (This is a classic example of local and very parochial opposition that having a Federal agency in charge could overcome.) If all the generation develops in SD and Mexico, this project would be a key in making that generation available to others in the state. The CAPUC Office of Ratepayer Advocate is said to be taking dim view of the project.

24413

DOE024-1819
Excerpts from NERC Reliability Assessment Reports on AEP’s Wyoming-Cloverdale 765 kV Project Delays

2000-2009 RAS

Included in these planned additions is the American Electric Power (AEP) 765 kV transmission line between West Virginia and Virginia. This project, originally scheduled for service in May 1998, continues to encounter certification difficulties, although some progress has been made during the past year. The earliest date that this project can be completed is June 2004. A tri-regional assessment of the reliability impacts of this project concluded that a reliability risk exists due to the delay of this project. Although operating procedures can minimize the risk of widespread interruptions, the likelihood of such power outages will increase until the project can be completed.

1999-2008 RAS

This project, originally scheduled for service in May 1998, has encountered certification difficulties, although some progress has been made during the past year. In May 1999, AEP filed information on an alternative 765 kV line from the Wyoming Station to the Jacksons Ferry Station, as requested by the Virginia State Corporation Commission hearing examiner. Public hearings on this alternative were held this summer, and evidentiary hearings will be held later this year to consider both the original Wyoming-Cloverdale 765 kV Project and the Wyoming-Jacksons Ferry 765 kV Alternative Project. The earliest date either of these projects can be completed is June 2004, increasing the potential for widespread interruptions in southeastern ECAR. A tri-regional assessment of the reliability impacts of this project concluded that a reliability risk exists due to the delay of this project. Although operating procedures can minimize the risk of widespread interruptions, the likelihood of such power outages will increase until the project can be completed.

1998-2007 RAS

Included in these planned additions is the American Electric Power (AEP) Wyoming-to-Cloverdale 765 kV transmission project. This project, originally scheduled for service in May 1998, continues to encounter certification difficulties, although some progress has been made during the past year. The earliest date that this project can be completed is December 2002, increasing the potential for widespread interruptions in southeastern ECAR. Last year, a tri-regional assessment of the reliability impacts of this project concluded that a reliability risk exists due to the delay of this project. Although operating procedures can minimize the risk of widespread interruptions, the likelihood of such power outages will increase until the project can be completed.
Policy: Public Benefit Trust Fund as Part of Electric Utility Restructuring

Background

Electric utilities historically have funded programs to encourage more efficient energy use, assist low-income families with home weatherization and energy bill payment, promote the development of renewable energy sources, and undertake research and development. However, increasing competition and restructuring have led to a decline in these “public benefit expenditures” over the past five years. Total utility spending on all demand side management programs (i.e., energy efficiency and peak load reduction) fell by nearly 50% from a high of $3.0 billion in 1993 to $1.6 billion in 1998 (1998 dollars).

Proposal

In order to ensure that public benefits activities continue following restructuring, 15 states have established public benefits funds through a small charge on all kilowatt-hours (kWhs) flowing through the transmission and distribution grid. This policy would create a national public benefits trust fund, similar in concept to the public benefits fund included in the Clinton Administration’s federal utility restructuring proposal. The federal trust fund would provide matching funds to states for eligible public benefits expenditures. This policy would encourage states and utilities to continue or in some cases expand energy efficiency and other public benefits activities. The size of the public benefits trust fund we recommend is based on a non-bypassable wires charge of two-tenths of a cent per kWh.

Once a public benefits fund is adopted, utilities, state agencies, or some other state-designated “fund manager” would carry out energy efficiency programs. In a more competitive, “restructured” utility market, these programs typically focus on assisting consumers unlikely to receive energy efficiency services by the private sector (i.e., low-income households or small businesses), expanding the private energy services industry, and encouraging market transformation. The programs lead to efficiency improvements in appliances, lighting, HVAC systems, motor systems, etc.—areas where there is still enormous cost-effective energy efficiency potential.

Precedents

As noted above, 15 states including California, New York, New Jersey, Wisconsin, and various New England states already have enacted state public benefit funds to support energy efficiency and other programs. The Clinton Administration has proposed a nation public benefits trust fund based on a charge of one-tenth of a cent per kWh, half the level proposed here. Our recommendation is included in utility restructuring bills sponsored by Senator Jeffords’ (S. 1369) and Rep. Pallone’s (H.R. 2569).

Impacts

Our analysis estimates the incremental investment in and savings from energy efficiency measures as a result of the federal public benefits trust fund. We do not include savings from
public benefit programs already underway or likely to occur in the absence of a federal fund. In particular, we assume that states gradually expand their eligible programs, using 90 percent of the maximum funds available by 2005 and thereafter. Based on historical trends, we assume that energy efficiency programs represent 59 percent of the public benefits expenditures and that energy savings typically cost $0.03/kWh on a levelized basis. We also assume that 20 percent of all participants are “free riders” (i.e., consumers who would invest in efficiency measures in the absence of state/utility programs).

These assumptions result in incremental end-use electricity savings of 131 TWh (3.6%) in 2005, 343 TWh (8.8%) in 2010, and 756 TWh (17.4%) in 2020, according to the ACEEE. Most of these savings are likely to be in the residential and commercial sectors since they are the main focus of state/utility efficiency programs using public benefits funds. The total investment in efficiency measures stimulated by the federal public benefits fund is estimated to be $106 billion while the energy bill savings are expected to reach $238 billion (net present value through 2020), meaning net benefits of $132 billion. Furthermore, ACEEE estimates that this policy will reduce CO2 emissions by 103 MMT of carbon by 2010 and 207 MMT by 2020, when implemented together with other energy efficiency and renewable energy initiatives.