

Status of FY 2004 PART Recommendations

NOTE: Programs noted with an asterisk (*) were reassessed for the FY 2005 PART cycle. The status of these recommendations will be submitted with the FY2006 OMB Budget.

General Goal One - Defense Programs

Advanced Scientific Computing (NNSA)	ASCI Tab
Facilities and Infrastructure (NNSA)	F&I Tab
Safeguards and Security (NNSA)	S&S Tab

General Goal Two - Nuclear Nonproliferation

International Nuclear Materials Protection and Cooperation (NNSA)	INMP&C Tab
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General Goal Three

N/A

General Goal Four

* Building Technologies (EERE)	Building Tab
* Geothermal Technologies (EERE)	Geothermal Tab
* Hydrogen Technology (EERE)	Hydrogen Tab
* Solar Energy (EERE)	Solar Tab
* Weatherization (EERE)	Weather Tab
* Wind Energy (EERE)	Wind Tab
* Clean Coal Research Initiative (FE)	Clean Coal Tab
* Fuel Cells - Stationary (FE)	Fuel Cells Tab
* Gas Exploration and Production (FE)	Gas Tab
* Oil Exploration and Production (FE)	Oil Tab
* Advanced Fuel Cycle Initiative (NE)	AFCI Tab
* Generation IV Nuclear Energy (NE)	GEN IV Tab
Nuclear Energy Research Initiative (NE)	NERI Tab
Bonneville Power Administration (PMA)	BPA Tab
Southeastern Power Administration (PMA)	SEPA Tab
Southwestern Power Administration (PMA)	SWPA Tab
Western Area Power Administration (PMA)	WAPA Tab

General Goal Five

* Advanced Scientific Computing Resources (SC)	ASCR Tab
* Basic Energy Sciences (SC)	BES Tab
* Biological and Environmental Research (SC)	BER Tab
* Fusion Energy Sciences (SC)	FES Tab
* High Energy Physics (SC)	HEP Tab
* Nuclear Physics (SC)	NP Tab

General Goal Six

* Environmental Management - Clean-up (EM)	EM Tab
* Environmental Management - R&D (EM)	EM R&D Tab

General Goal Seven

N/A

Department of Energy
National Nuclear Security Administration
Advanced Simulation and Computing Initiative (ASCI)

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Ensure that planned growth in the program meets requirements specifically related to the weapons stockpile and does not develop unneeded redundancy	January 2005	Y	Commissioned National Academy of Science (NAS) and JASON reviews of program requirements and strategic solutions. Results will be used to inform programmatic decisions. Final reports due in FY03 (JASON) and FY05 (NAS).
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Final National Academy Report	January 2005	ASCI	Dimitri Kusnezov

Department of Energy
National Nuclear Security Administration
Facilities and Infrastructure

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Review all infrastructure programs to ensure that there is no overlap between the FIRP and other NNSA programs	04/30/03	Y	NNSA conducted a review of its infrastructure programs as documented in its Infrastructure Plan for the NNSA Nuclear Complex (Section 3008 Report to Congress) dated April 2003. The 3008 Report advocates maintaining the existing configuration of the NNSA Nuclear Complex. The recovery of the nuclear weapons complex requires the current facilities management organizational structure to ensure a high probability of success in fulfilling the direction of the Nuclear Posture Review. The Administrator testified before Congressional Committees in March/April 2003, that the two complementary accounts in the budget, Readiness in Technical Base and Facilities (RTBF) and the Facilities and Infrastructure Recapitalization Program (FIRP), are essential to maintaining a responsive infrastructure.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
N/A -- Action Complete	N/A	NNSA/NA-52	Bruce Scott

Department of Energy
National Nuclear Security Administration
Facilities and Infrastructure

Status of PART Recommendations

(continued)

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Monitor actual results and change the program accordingly	05/30/03	Y	FIRP has monitored actual Program results and notes that the Senate Report 108-046, NDAA for FY 2004, states: "The committee believes that the NNSA successfully set up the FIRP program as envisioned in the National Defense Authorization Act for FY
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
N/A -- Action Complete	N/A	NNSA/NA-52	Bruce Scott

Department of Energy
National Nuclear Security Administration
Safeguards & Security

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Develop more measurable goals which, ultimately, will improve the results of the program	07/16/03	Y	NNSA conducted a review of its infrastructure programs as documented in its Infrastructure Plan for the NNSA Nuclear Complex (Section 3008 Report to Congress) dated April 2003. The 3008 Report advocates maintaining the existing configuration of the NNSA Nuclear Complex. The recovery of the nuclear weapons complex requires the current facilities management organizational structure to ensure a high probability of success in fulfilling the direction of the Nuclear Posture Review. The Administrator testified before Congressional Committees in March/April 2003, that the two complementary accounts in the budget, Readiness in Technical Base and Facilities (RTBF) and the Facilities and Infrastructure Recapitalization Program (FIRP), are essential to maintaining a responsive infrastructure.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
OMB review and approval	TBD by OMB	NNSA/NA-55	Toby Johnson

Department of Energy
National Nuclear Security Administration
International Nuclear Materials Protection and Cooperation

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Department needs to improve the way it tracks expenditures by country so that it can better manage its allocation of resources	10/01/03	Y	Budget and Reporting categories to report funding expended in Russia versus the United States have been submitted for FY2004. The programs will use this reporting structure beginning October 1, 2003.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Complete	Complete	NNSA/NA-62	Bonnie Giampietro

Department of Energy
Energy Efficiency and Renewable Energy
Building Technologies

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Redirect existing funding for lighting R&D towards high-risk, high-payoff technologies that support the Department's proposed Solid State Lighting Initiative	Complete, Spring 03	Y	DOE issued a solicitation, through the National Energy Technology Laboratory, seeking projects to significantly reduce energy use in buildings by targeting appliances and water heaters, building envelopes, lighting, and space conditioning. Seven of the thirteen projects selected are lighting projects, including solid state lighting projects.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
n/a	n/a		Michael McCabe 202 586 9155

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Combine and reduce overall funding for duplicate program activities aimed at developing energy efficient building designs	FY 05 Budget	Y	Congress eliminated EWD funded activities in FY04 Marks. No funding request for activities under EWD jurisdiction in FY05.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
n/a	n/a		Michael McCabe 202 586 9155

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Develop adequate long-term and annual measures	Ongoing	Y	The Building Technologies program is developing multi year program plans and annual operating plans that will include these measures
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
FY 05 PART review of proposed measures	FY 05 budget process		Michael McCabe 202 586 9155

Department of Energy
Energy Efficiency and Renewable Energy
Geothermal Technology

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Continue to redirect resources within the program to emphasize enhanced geothermal systems R&D	FY 04 (10/03)	Y	Doubles EGS Budget
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Increase support to ongoing EGS projects	FY 05 (10/04)	Office of Geothermal Technologies	Jelacic

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Terminate the program's "Industry Support" activity	09/01/03	Y	Complete
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
NA			

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Develop adequate annual measures	09/01/03	Y	Included in MYPP and PART
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
NA			

Department of Energy
Energy Efficiency and Renewable Energy
Hydrogen Technology

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Establish a new partnership with energy industry to complement the Administration's FreedomCAR partnership, which will accelerate the Nation's transition to a hydrogen-based economy	09/01/03	Y	A new partnership that includes the energy industry takes effect September 22, 2003 and initial plans are being developed for coordinating hydrogen production and delivery research activities with automotive and energy industry partners.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
n/a	n/a		Steven Chalk, program director

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Expand high-risk R&D on hydrogen production from renewable resources and on hydrogen storage technologies	FY2003	Y	Two solicitations for proposals that include cooperative agreements with universities, national labs, and industry to develop high-risk hydrogen production from renewables and hydrogen storage technologies have been issued.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Proposal selection	Fall 2003		Steven Chalk, program director

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Develop adequate annual performance measures	FY2005 Budget/PART review	Y	Annual performance measures have been included in annual budget requests that correlate with multiyear program plan technical targets.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Awaiting OMB approval	Fall 2003		Steven Chalk, program director

Department of Energy
Energy Efficiency and Renewable Energy
Solar Energy

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Terminate the CSP activity	Oct 2003 (zero budget requested by DOE)	No	DOE reduced the size of the CSP subprogram by 60% during FY2003. DOE also had Sargent & Lundy conduct an independent study to determine the potential for cost reductions in CSP technology. This report, completed in FY2003, showed reasonable pathways for the cost of solar energy from CSP to drop from 12 cents/kWh to 4-6 cents/kWh. A NAS review of the report confirmed the potential for cost reduction assuming continued R&D and various deployment scenarios. Based on this information, DOE determined CSP warrants support and is requesting funding for CSP in the FY2005 request. Both the House and Senate Appropriation Committees proposed funding for CSP in FY2004 to be "at least as much" as in FY2003 (\$5.298M).
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Congressional appropriation for FY04.	Sep-03	EERE (Solar Technology Program)	Ray Sutula, Program Manager

Department of Energy
Energy Efficiency and Renewable Energy
Solar Energy

Status of PART Recommendations

(continued)

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Redirect funding from earmarked activities to R&D that better contributes to the program's performance goals	Sep-04	Yes	The Solar Energy Technology Program has implemented earmarks to benefit our programmatic goals. The Southeast/Southwest PV Experiment Stations earmark funds test facilities that help to verify PV systems performance in
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Reduce manufacturing cost of PV modules to \$2.10 per Watt	Sep-03	EERE (Solar Technology Program)	Ray Sutula, Program Manager

Department of Energy
Energy Efficiency and Renewable Energy
Weatherization Assistance

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Continues the President's commitment to increase funding by \$1.4 billion over 10 years to help a total of 1.2 million low-income families reduce their energy bills	FY 2012	Y	Continued failure of Congress to appropriate to the level of the Presidents request will result in a Program performance shortfall
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Program execution in accordance with actual appropriation	FY 2005	Weatherization and Intergovernmental	Greg Reamy/Jean Diggs

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Recommends periodic independent evaluation of the program's cost effectiveness	07/01/03	Y	Periodic independent evaluations completed: State-level Evaluation of WAP 1990-1996: A Meta Evaluation of 17 States Evaluations - 1997 (ORNL/CON-435); Nonenergy Benefits from the Weatherization Assistance Program: A Summary of Findings from the
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
TBD	TBD	Weatherization and Intergovernmental	Greg Reamy/Jean Diggs

Department of Energy
Energy Efficiency and Renewable Energy
Wind Energy

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Redirect funding from earmarked activities to R&D that contributes to the program's goals	09/03/03	Y	The Wind Energy Technology Program has implemented earmarks to benefit our programatic goals. The Vermont Department of Public Service project -- for a public education and outreadh project to reduce barriers to wind energy use in the State -- contributes to the objectives of the Regional Field Verification sub-activity, which include documenting and communicating experiences from unique regional wind energy projects for the benefit of others in the wind power development community and rural utilitites. The Wind Generation Facility for St. Paul Island and Unalaska, Alaska projects also meet other objectives of the Regional Field Verification sub-activity by supporting industry needs for gaining field operation experience with small wind turbines and for demonstrating utility scale low wind speed technology; verifying the performance, reliability, maintainability and costs of such turbines; and helping expand opportunities for wind energy in new regions with unique regional requirments.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
FY05 OMB Budget Submission	09/03/03	EERE Wind & Hydropower Technologies	Peter Golman, Program Manager

Department of Energy
Energy Efficiency and Renewable Energy
Wind Energy

Status of PART Recommendations

(continued)

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Continue emphasis on wind technology development for low wind-speed areas	4/03 EERE Budget Summit	Y	Low Wind Speed Technologies are Wind Program's Focus
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
OMB FY05 Budget Submission	09/03/03	EERE Wind & Hydropower Energy Program	Peter Goldman, Program Manager

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Develop practical but meaningful annual performance measures	09/03/03	Y	The Wind Energy Program has developed annual performance targets for 3 of its 4 goals, covering over 90% of its budget request. The annual performance targets for the last goal, Systems Integration, should be completed by the Congressional Budget Submission.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
FY05 Congressional Budget Submission	01/04/03	EERE (Wind & Hydropower Technologies Program)	Peter Goldman, Program Manager

Department of Energy
Fossil Energy
Clean Coal Research Initiative

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Improve research effectiveness by reducing funding for demonstrations and placing greater emphasis in the Budget on funding research and development	On going	Yes	The Coal and Power Systems portfolio undergoes an indepth annual review which includes input from both public and private sector experts. The most effective mix of R&D and Demonstration projects, along with progress and funding levels for critical component technologies, are evaluated.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Coal and Power Annual Program Review	January - February 2004	FE-20	George Rudins

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Consolidate the coal research accounts under one umbrella account to improve management	February, 2003	Yes	Submitted consolidation in FY04 budget. Pending Congressional action
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
n/a	n/a	FE-20	George Rudins

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Improve tracking of cost, schedule and performance of projects, and institute specific program execution efficiency measures	August, 2006	Yes	The DOE E-Government R&D Portfolio Management, Environment (ePME) is on schedule for implementation in August of 2006
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Complete all program implementation plans which include quarterly tracking, program cost, and performance information	October, 2003	FE-20	George Rudins

Department of Energy
 Fossil Energy
 Clean Coal Research Initiative

Status of PART Recommendations

(continued)

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Continue to support improved benefits modeling and estimation efforts to increase accuracy and consistency between programs	FY07	Y	Many issues have been raised as FE has refined its benefits estimates methodology. These will be addressed by a major National Academy of Sciences (NAS) study on prospective benefits of FE and EERE R&D. The study will likely be completed around the beginning of CY2005, in time for the start of the FY07 budget development cycle.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
The NAS initial meeting on prospective R&D benefits	Fall 2003 (exact date TBD)	DOE's FE and EERE Offices	Jay Braitsch (FE), Mary Beth Zimmerman (EERE)

Department of Energy
Fossil Energy
Distributed Generation/Fuel Cells (Stationary)

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Work to establish specific annual performance measures tied to long term goals	July, 2003	Yes	Developed measures with OMB and submitted with FY05 PART
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
n/a	n/a	FE-20	George Rudins

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Redirect funds from programs that are reaching completion to more long-term laboratory research efforts (e.g. new materials for high temperature seals, novel methods to make hydrogen available (fuel reforming) to the cells, new approaches to sulfur capture or tolerance)	September, 2003	Yes	2nd generation fuel cells program ended in FY04 budget submission. Completion pending Hill action
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
n/a	n/a	FE-20	George Rudins

Department of Energy
Fossil Energy
Natural Gas Technologies Program (also includes Methane Hydrates)

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Re-examine project selection to improve outcomes	05/01/03	Y	Completed as part of FY 2004 program implementation plan (PIP) process
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
n/a	n/a	FE-30	Jim Slutz, DAS

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Continue performance measurement improvements, including development of annual measures tied to long-term goals	All data provide by 9/3/03, waiting on OMB	Y	OMB conditionally approved Long-term measures and 2 out of 3 annual measures. Third annual measure submitted for approval.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
OMB has received the revised Methane Hydrate annual measure and will either acceptance or comment on it.	OMB to visit sites for review of models	FE-30	Jim Slutz, DAS

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Support improvements in benefits modeling	FY07	Y	Many issues have been raised as FE has refined its benefits estimates methodology. These will be addressed by a major National Academy of Sciences (NAS) study on prospective benefits of FE and EERE R&D. The study will likely be completed around the begi
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
The NAS initial meeting on prospective R&D benefits	Fall 2003 (exact date TBD)	DOE's FE and EERE Offices	Jay Braitsch (FE) Mary Beth Zimmerman (EERE)

Department of Energy
Fossil Energy
Oil Technology Program

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Refocus the program on longer-term high-risk research that will advantage domestic production in the world market; (e.g. university-based research on enhanced recovery from older oil fields or marginal resources)	01/01/03	Y	Completed as part of the 2004 budget submission
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
n/a	n/a	FE-30	Jim Slutz, DAS

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Re-examine project selection to improve outcomes	05/01/03	Y	Completed as part of the 2004 program implementation plan (PIP) process
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
n/a	n/a	FE-30	Jim Slutz, DAS

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Continue performance measurement improvements, including the development of annual measures tied to long-term goals	All data provided by 7/1/2003	Y	OMB conditionally approved long-term and annual measures
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Conditional approval of performance measures was subject to OMB increasing its understanding of the computer models used to estimate performance targets. This will be accomplished through field site visits. Invitations have been extended to OMB.	OMB to visit sites for review of models: dates TBD	FE-30	Jim Slutz, DAS

Department of Energy
 Fossil Energy
 Oil Technology Program

Status of PART Recommendations

(continued)

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Support improvements in benefits modeling to increase accuracy and consistency in application across programs	FY07	Y	Many issues have been raised as FE has refined its benefits estimates methodology. These will be addressed by a major National Academy of Sciences (NAS) study on prospective benefits of FE and EERE R&D. The study will likely be completed around the beginning of CY2005, in time for the start of the FY07 budget development cycle.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
The NAS initial meeting on prospective R&D benefits	Fall 2003 (exact date TBD)	DOE's FE and EERE Offices	Jay Braitsch (FE), Mary Beth Zimmerman (EERE)

Department of Energy
Nuclear Energy, Science and Technology
Advance Fuel Cycle Initiative

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Revise long-term and annual measures and prepare a detailed program plan that defines long-term and near-term goals in measurable terms relative to a current baseline	01/31/03	Y	Plan established
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Revise program plan consistent with FY 2004 appropriation	11/15/03	NE	William D. Magwood, IV

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Relate program funding to its goals, plans, and performance measures	01/31/03	Y	Plan established
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Revise program plan consistent with FY 2004 appropriation	11/15/03	NE	William D. Magwood, IV

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Establish plans for periodic independent evaluations to assess program progress and recommend program improvements	11/15/02	Y	Evaluation conducted by the Nuclear Energy Research Advisory Committee (NERAC) Advanced Nuclear Transformation Technology (ANTT) Subcommittee on 12/02/02
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
NERAC ANTT Subcommittee Review	09/18/03	NE	William D. Magwood, IV

Department of Energy
Nuclear Energy, Science and Technology
Generation IV Nuclear Energy Systems Initiative

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Develop measurable outcome indicators for the long-term and annual performance goals identified in the program's detailed R&D roadmap	09/01/03	Y	Measurable performance measures have been established for the program; specifically quantitative targets have been established for improvements in economics, safety and reliability, proliferation resistance and security, and sustainability.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Review annual performance goals in FY 2004 in developing PART and budget for FY 2006	07/01/04	NE	William D. Magwood, IV

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Develop a plan for independent program evaluations to guide program managers and policy decision makers	07/01/03	Y	Plan reflected in the Generation IV Nuclear Energy Systems Initiative Program Plan
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Perform initial review in February 2004; second review in September 2004	02/15/04	NE	William D. Magwood, IV

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Define relationship between funding and the program's goals, plans, and performance measures	07/01/03	Y	Performance measures, milestones, and costs are integrated at the Work Breakdown Structure work package level
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Annually update budgets, program plans and schedules	07/01/04	NE	William D. Magwood, IV

Department of Energy
Nuclear Energy, Science and Technology
Nuclear Energy Research Initiative

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Will establish a program baseline and measurable long-term performance objectives against which to plan and measure annual performance of individual projects and the program as a whole	NA	NA	The Nuclear Energy Research Initiative (NERI) will be integrated into mainline nuclear energy R&D programs
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Complete mortgages on existing NERI projects	FY 2004	NE	William D. Magwood, IV

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Will plan independent program evaluations to guide program management and development	04/01/03	Y	Independent evaluation for FY 2003 conducted 05/20-22/03
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Issue report on <i>Nuclear Energy Research Initiative Project Review Meeting</i> held May 20-22, 2003	09/15/03	NE	William D. Magwood, IV

Department of Energy
 Power Marketing Administrations
 Bonneville Power Administration

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Bonneville will improve its long and short term targets and measures of performance	10/01/04	Y	As part of its annual planning process, Bonneville is currently examining its overall business strategy and associated long and short term performance measures.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Completion of BPA's overall strategy review	05/01/04	BPA	Jeff Stier

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Administration will develop and collect data on efficiency measures comparable to those used by private industry	10/01/04	Y	As part of its annual planning process, Bonneville is currently examining its overall business strategy and associated performance measures, including development of draft efficiency measures.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Completion of BPA's overall strategy review	05/01/04	BPA	Jeff Stier

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Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Bonneville will develop recommendations to improve the way it conducts marketing functions and recovers its costs	10/01/04	Y	Bonneville has completed and submitted its final SN CRAC power rate proposal to FERC to help assure full recovery of costs over the remaining rate period through FY 2006. Bonneville is implementing recommendations developed through its Lessons Learned process, designed to help rebalance BPA's financial health and is examining its overall business strategy, performance measures and targets. Development of strategy maps utilizing the Balanced Scorecard approach, industry benchmarking techniques and management performance contracts are all being assessed as part of this process.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Completion of Lessons Learned Recommendations assessment and implementation.	10/01/04	BPA	Jeff Stier

Note: BPA provided an updated FY 2005 PART submission to OMB on June 25 2003. Comments from OMB have not yet been received.

Department of Energy
Power Marketing Administrations
Southeastern Power Administration

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Budget proposes to continue current operations and develop long-term goals, measures and targets	06/30/03	Y	Southeastern's FY 2005 \$5.6 million Budget continues current operations.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
FY 2005 OMB Passback	TBD	SEPA	Charles A. Borchardt

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Administration will develop and collect data on efficiency measures comparable to those used by private industry	06/30/03	Y	SEPA forwarded efficiency measures that are used by all investor owned utilities operating in the private sector and is currently in compliance with the NERC/SERC reliability compliance program. The efficiency standards prescribe that
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
OMB Review of Southeastern's FY 2005 PART Submittal	TBD	SEPA	Charles A. Borchardt

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Southeastern will review its program and develop recommendations to improve its power marketing functions	06/30/03	Y	Southeastern developed new long-term performance measures for the FY 2005 budget and PART. Historical data has been collected to demonstrate progress toward meeting these long term performance by 2015. Four of the long-term goals established and reported in the 2004 PART were met and have shown significant progress.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
OMB Review of Southeastern's FY 2005 PART Submittal	TBD	SEPA	Charles A. Borchardt

Department of Energy
 Power Marketing Administrations
 Southeastern Power Administration

Status of PART Recommendations

(continued)

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Southeastern's management team will develop recommendations designed to help the program recovers its costs and fully repay its annual debt service obligations	06/30/03	Y	Repayment is designed to enact adjustments in rates each year if there are indications that required repayment would not be made within the period. Long term measure for repayment has an annual target of 1 % in order to meet the 2015 goal to repay 41 % of total Federal investment
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
OMB Review of Southeastern's FY 2005 PART Submittal	TBD	SEPA	Charles A. Borchardt

Department of Energy
Power Marketing Administrations
Southwestern Power Administration

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Budget proposes to continue current operations and provide modest increases for maintenance and high cost electrical equipment identified in its replacement schedule.	Ongoing	Y	Southwestern's FY 2005 budget submission continues current operations. The budget proposes the use of power sales receipts to fund a portion of the high cost of operation and maintenance replacement projects.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
FY 2005 OMB Budget Submission.	09/08/03	SWPA	Michael A. Deihl

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Administration will develop and collect data on efficiency measures comparable to those used by private industry.	06/27/03	Y	Southwestern's proposed efficiency measure has been submitted to OMB in the PART and is included in the FY 2005 OMB Budget submission. The efficiency measure is: Limit increases in annual operating cost per kilowatt hour to no more than the rate of
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Waiting for OMB's review of Southwestern's PART submission.	TBD	SWPA	Michael A. Deihl

Department of Energy
Power Marketing Administrations
Southwestern Power Administration

Status of PART Recommendations

(continued)

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Southwestern will develop long-term goals, targets and measures.	06/27/03	Y	Southwestern's long-term goals, targets, and measures have been submitted to OMB and are included in the FY 2005 OMB Budget submission.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Waiting for OMB's review of Southwestern's PART submission.	TBD	SWPA	Michael A. Deihl

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Southwestern will develop recommendations to improve its power marketing functions and meet all its financial obligations.	n/a	n/a	Southwestern's power marketing functions fulfill the requirements of the Flood Control Act of 1944. A change in the public law would be required to implement OMB's recommended changes to Southwestern's power marketing functions. Southwestern is meeting all statutory financial obligations to repay the American taxpayer's investment in the Federal power facilities as evidenced by rate sufficiency reviews conducted by the Federal Energy Regulatory Commission and the annual financial audit.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
n/a	n/a	SWPA	Michael A. Deihl

Department of Energy
Power Marketing Administrations
Western Area Power Administration

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Budget proposes that Western continue current operations and modestly increase construction expenditures for schedule substation equipment replacements and the ongoing replacement of transmission line facilities and housekeeping needs such as a new roof on one of their buildings	08/26/03	Yes	Western's FY04 C&R CB request was \$12.2 million. The FY05 request to OMB is \$20.2M
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
OMB Passback	TBD	WAPA	M. Hacskaylo, Administrator

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Administration will develop and collect data on efficiency measures comparable to those used by private industry	06/25/03	Yes	Western's FY 2005 PART submission contains efficiency measures used in the utility industry. These include the NERC control compliance standards and the Bureau of Labor Statistics recordable accident frequency rate. Western is continuing to pursue other industry measures relevant to its Federal Hydropower Program and has begun working with our audit firm industry experts to identify opportunities to strenghten financial and operational performance measures.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Waiting OMB Approval	TBD	WAPA	M. Hacskaylo, Administrator

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Western will develop long-term goals, targets and measures	06/25/03	Yes	Long-term goals, targets, and measures were submitted to OMB with Western's FY 2005 PART Submittal. No response has been received from OMB.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Waiting OMB Approval	TBD	WAPA	M. Hacskaylo, Administrator

Department of Energy
Power Marketing Administrations
Western Area Power Administration

Status of PART Recommendations

(continued)

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
Western will review its activities and develop recommendations for improving its record of Treasury repayments and the marketing and delivery of power	06/25/03	Yes	Western has performed repayment analyses for each of its power systems. Recent independent annual financial audits (IG/KPMG) and independent rate reviews (FERC) confirm that Western is meeting its financial obligations. For near term rate concerns due to extended drought conditions, Western has begun public rate adjustment processes, as necessary. Western's FY 2005 PART submission includes measures reflecting adequacy of repayment over the life of the projects, as well as shorter term (10 year) planned versus actual repayment. Western will continue to look for opportunities to optimize operations, resources and assets (i.e., eliminate Path 15 constraints, support transmission efficiency and reliability efforts like the composite conductor study, etc).
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Waiting OMB Approval	TBD	WAPA	M. HacsKaylo, Administrator

Department of Energy
Office of Science
Advance Scientific Computing Research

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Administration will work to reform its performance measures, with the understanding that basic research programs face difficulties in attempting to predict future scientific progress	01/20/04	Y	ASCR worked with OMB to develop new measures. Measures were included in FY05 PART and will be included in FY05 budget and in FY04 program solicitations.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Advanced Scientific Computing Advisory Committee (ASCAC) review of measures	09/01/03	SC-ASCR	Ed Oliver

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Department will develop an implementation-focused strategic plan for the program, in consultation of the program's advisory committee, by September 2003	09/30/03	Y	ASCR has conducted a number of workshops to develop the required plan. A draft of the plan will be presented to ASCAC for review at the August meeting.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Draft report due 8/21/03	08/21/03	SC-ASCR	Ed Oliver

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Department will institute a formal committee of visitors process for the program by September 2003	09/30/03	Y	ASCAC has been tasked to form a COV. General descriptions of a COV charge, membership, schedule and Conflict of Interest provisions have been drafted and provided to ASCAC.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
COV to conduct first review	04/30/04	SC-ASCR	Ed Oliver

Department of Energy
Office of Science
Basic Energy Sciences

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Administration will work to reform its performance measures, while being sensitive to the difficulties that basic research programs face in attempting to predict future scientific progress	01/20/04	Y	BES worked with OMB to develop new measures. Measures were included in FY05 PART and will be included in FY05 budget and in FY04 program solicitations. Basic Energy Sciences Advisory Committee (BESAC) chair reviewed and approved the measures on 7/25/03.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Include measures in the FY04 General Solicitation	10/01/03	SC-BES	Pat Dehmer

Department of Energy
Office of Science
Biological and Environmental Research

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Administration will work to reform its performance measures and goals, while being sensitive to the difficulties that basic research programs face in attempting to predict future scientific progress	01/20/04	Y	BER worked with OMB to develop new measures. Measures were included in FY05 PART and will be included in FY05 budget and in FY04 program solicitations.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Biological and Environmental Research Advisory Committee (BERAC) review of measures.	09/01/03	SC-BER	Ari Patrinos

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Administration will work to reform its performance measures and goals, understanding the difficulties that basic research programs face in attempting to predict future scientific progress	01/20/04	Y	FES worked with OMB to develop new measures. Measures were included in FY05 PART and will be included in FY05 budget and in FY04 program solicitations. Fusion Energy Sciences Advisory Committee (FESAC) reviewed and approved the measures in 8/03.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Include measures in the FY04 General Solicitation	10/01/03	SC-FES	Anne Davies

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Department will work to further clarify the relationship between the program goals and budget	05/01/04	Y	FES is drafting a program plan to incorporate ITER into the program goals and strategies.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Draft FES Program Plan (that include ITER)	11/01/03	SC-FES	Anne Davies

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Department will institute a priority-setting mechanism for ranking medium and large construction projects within the program that have not yet reached the full construction phase	03/06/03	Y	Charge letter to HEPAP 10/6/02. Panel formed 03/06/03.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Draft report due 09/07/03	09/07/03	SC-HEP	Robin Staffin

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Administration will work to reform its performance measures and goals, while being sensitive to the difficulties that basic research programs face in attempting to predict future scientific progress	01/20/04	Y	HEP worked with OMB to develop new measures. Measures were included in FY05 PART and will be included in FY05 budget and in FY04 program solicitations.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
High Energy Physics Advisory Panel (HEPAP) review of measures	09/01/03	SC-HEP	Robin Staffin

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Department will institute a formal committee of visitors process for the program by September 2003	09/30/03	Y	HEPAP has been tasked to form a COV. General descriptions of a COV charge, membership, schedule and Conflict of Interest provisions have been drafted and provided to HEPAP.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
COV to conduct first review	12/31/03	SC-HEP	Robin Staffin

Department of Energy
Office of Science
Nuclear Physics

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Administration will work to reform its performance measures and goals, while being sensitive to the difficulties that basic research programs face in attempting to predict future scientific progress	01/20/04	Y	NP worked with OMB to develop new measures. Measures were included in FY05 PART and will be included in FY05 budget and in FY04 program solicitations.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Nuclear Science Advisory Committee (NSAC) review of measures.	09/01/03	SC-NP	Dennis Kovar

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Department will institute a formal committee of visitors process for the program by September 2003	09/30/03	Y	NSAC has been tasked to form a COV. General descriptions of a COV charge, membership, schedule and Conflict of Interest provisions have been drafted and provided to NSAC.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
COV to conduct first review.	12/31/03	SC-NP	Dennis Kovar

Department of Energy
Environmental Management
Environmental Management (Cleanup)

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Budget will propose additional funding of \$272 million in 2004 to fully implement significantly revised cleanup plans, which will better protect human health and the environment while reducing costs and accelerating completion schedules	2/4/2003...FY 2004 Congressional Budget Request	Y	Pending Congressional action on FY 2004 appropriation
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
NA	NA	EM	Assistant Secretary

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
DOE will continue to develop with federal and state regulators revised cleanup plans that will reduce risk, accelerate schedules, and lower costs	On-going	Y	EM continues to refine cleanup plans in concert with federal and state regulators to reduce risk, accelerate schedules, and lower costs.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
NA	NA	EM	Assistant Secretary

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Administration will develop new annual cost and schedule measures	FY 2003	N	As stated In the FY 2004 Congressional Budget Request , EM expected resource-loaded baselines to be completed and approved by the Assistant Secretary in FY 2003. This effort is requiring more time to be completed.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
After site resource loaded-baselines have been completed, develop new annual cost and schedule measures .	FY 2004	EM	Assistant Secretary

Department of Energy
 Environmental Management
 Environmental Management (R&D)

Status of PART Recommendations

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Budget will focus on funding expertise for specific site problems and alternatives for costly, high-risk cleanup approaches	FY 2003	Y	The February 2002 EM Top-to-Bottom Review recommended the redirection of the TDD Program. As of FY 2003, the TDD Program was reoriented to focus on two "thrusts" 1) Closure Site Support, and 2) Alternative Approaches to Current High-Risk/High-Cost Baselines. As a result of the refocussing, the TDD Program and associated processes were streamlined and delayed to efficiently achieve these goals.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
NA	NA	EM	Assistant Secretary

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
DOE will continue to rely on merit review and competition to maintain the quality of the research program	On-going	Y	The TDD Program's competitive procurement strategy is to contract with "technology developers/integrators" using a multiple-award, phased, performance-based contracting approach.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Award of Alternatives for Characterization and Removal of Deposits at Portsmouth Gaseous Diffusion Plants and award of In-situ TRU Waste Delineation and Waste Removal from Burial Grounds	09/30/03	EM	Assistant Secretary

(continued)

Recommendation	Completion Date	On Track? (Y/N)	Comments on Status
The Administration will develop adequate annual performance measures	9/30/2003	Y	The TDD program is focused on a small set of EM specific problems which are high cost/high risk in nature or are hampering the ability of a closure site to meet its closure date. For each project, specific technical, cost, and schedule goals are established which are consistent with overall EM milestones. Project performance is reviewed at the completion of each contract phase to ensure that the R&D activities are contributing to EM's accelerated cleanup and risk-reduction mission. If they are not the contract is terminated.
Next Milestone	Next Milestone Date	Lead Organization	Lead Official
Report on FY 2003 performance	11/15/03	EM	Assistant Secretary