

January 10, 2007 J-PARC 50 GeV PAC

Status of J-PARC Project

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Budget Request for JFY2007

	JFY2006	JFY2007 Team→ MEXT F	JFY2007 MEXT→ inancial Dep	JFY2007 Final t. Answer
[JAEA]	Oku Yen			
Construction	174	160	160	154.5
Neutron Equipment	7	7	7	0
Operational	10	26	26	21.5
[KEK]				
Construction (Equipment)	42.3	48.5	48.5	48.5
Construction (Civil Eng.)	64.3	40.6	40.6	40.6
Operational	33.4	68.5	68.5	43.0

 All the requests to the Government are subject to the review of Council for Science and Technology Policy (CSTP)

- J-PARC was ranked to "A".







- Construction for both equipments and facilities: A slight delay, but almost on schedule.
 - Peak in the construction budget in JFY2006 (good news to us).
- J-PARC Center started.
- Significant Progress in Accelerator Development
 - Injection of the first beam to the Linac in November of 2006.
 - Technical issues like RF cavities have almost been solved.
- An external review on the operational budget.
 - A special review was made by an expert team. Then, the result was presented to the IAC meeting in March of 2006.
- Birth of JAEA on October 1, 2005.
- Shutdown of KEK-PS from JFY2006.
- First call for proposals for 50 GeV. Three proposals out of 20 were on the Stage 2 full approval.
- J-PARC Major Review started.



J-PARC Center (Organization for Operation)









Examples of Recent Actions

- J-PARC Center Expansion
 - Expansion of the J-PARC Center is planned next year.
 - Discussions are in progress at many places on how to grow the J-PARC Center.
- Beamtime Fee
 - Free when the research results are published. Fee is charged when the results are kept confidential (mostly for industrial usage).
 - J-PARC Center is making efforts along this line to convince JAEA, KEK, and the Government.
- Radiation Safety
 - J-PARC Center is responsible to it. It took, however, long time to obtain a consensus from JAEA, KEK, and the Government.
- Contract with the Third Party
 - For example, the Ibaraki-Prefecture will contract with the J-PARC Center instead of JAEA and KEK individually. The arrangement of the contract with a third party is now conducted by the J-PARC Center.

To obtain all these small agreements, an enormous amount of our time has been used.



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Cost Analysis for Operational Budget





Highlights during the Past One Year

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- Technical reviews were requested to the neutrino experiment.
- The next PAC meeting will be held in early January of 2007.





- A big review by the Committee (appointed by the Government) started in early December of 2006..
 - Review items
 - Linac Energy Recovery, Priority of Phase 2 projects
 - Organizational Structure at the Operational Stage (J-PARC Center)
 - Operational Budget
 - PAC, Beam-Time Fee, Commitment by the Government for Neutron Beam Lines
 - Internationalization of the J-PARC
 - Research Buildings, Lodging, etc.
 - Meeting: Once per three weeks, from early December through May.
 - The report will be produced to meet with the budget deadline for JFY2008.



- Timely completion of the construction.
- How to grow the organizational structure at the operational stage (J-PARC Center)?
- Realistic operational budget.
- PAC (time and place), Budget for experimental facilities, Beamtime Fee, etc.
- Linac energy recovery, Phase 2 funding, etc.
 - Funding of 85 Oku Yen has to be secured for the Linac energy recovery.
- Internationalization of the J-PARC Project.
 - Research support (internationalization of the infra structure).
 - Internationalization of the environment for lodging, life, etc.
 - Discussions with Asian countries.