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Operational Software Tools for the Injection Efficiency Improvement in the PLS-II

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One of the main issues of the linac operation problems in the PLS-II is injection efficiency for top-up mode to keep radiation safety levels. The energy spread of the injection beam is the main beam parameter to effect injection efficiency. So we try to develop several operational software tools to reduce the amount of energy spread. And also beam energy jitter is another parameter for injection efficiency. We tried to develop related operational software tools about these parameters. So this report introduces these operational software tools.

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