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Daduru Oya Reservoir Project

The fourth largest river in Sri Lanka, 'Daduru Oya' runs through four districts, fed by a catchment of over 2600 km², discharges close to a billion cubic meters of water annually. The multipurpose hydro scheme reservoir impounding 75 million cubic meters and spread over an area of 2000 Hectares is contained by a 2.4 km long earthen dam with an 8 radial gated spill. The reservoir is capable of discharging at a combined rate of 15.5 m³/s through twin sluices to left and right bank canals for irrigating over 11,000 Hectares. Further, 1.5 MW of hydro electric power is also expected to be generated through this project.

Contributed by:
Eng. B. A. S. S. Perera
Director of Irrigation
Kurunegala.

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Notes:

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- All published articles have been **refereed** in anonymity by at least two subject specialists.
- **Section I** contains articles based on **Engineering Research** while **Section II** contains articles of **Professional Interest**.

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The above Paper was placed First in the 'Over 35 years of age' Category at the Competition on "Eco Friendly Water Infrastructure for Sustainable Development and Management Experiences gained from Integrated Water Resources Development and Management in Sri Lanka" 2013/2014
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