Mathematical Expression	$Outflow = \frac{storage_{previous} - storage_{ending}}{\Delta t_{timestep}} + inflow + side inflows$ $- evaporation_{flow} - bank \ storage_{flow} - seepage + precipitation_{flow}$
Comments	The given inflow represents the main inflow only and should not include any side inflows. This is the same value which would be in the Inflow slot. The calculated outflow is a total outflow. It includes both Release/Turbine Release and Spill .
	The given timestep's Hydrologic Inflow Net, Diversion, Return Flow, Canal Flow, Pumped Storage Inflow, and Pumped Storage Outflow are automatic dependencies of this function. Since the function evaluation depends on these slots, any change to their values at the indicated timestep, may impact the function result.

Syntax Example:

```
SolveOutflow(%"Hoover Dam", 11651 "cfs", 19853486 "acrefeet", 19787262 "acrefeet", @"June, 1984"}
```

Return Example:

21.32 "cms"

152. SolveOutflowGivenEnergyInflow

This function evaluates to Outflow from a LevelPowerReservoir with the given Energy and Inflow at the specific timestep.

Description	The outflow from a LevelPowerReservoir.		
Туре	NUMERIC		
Arguments			
1	OBJECT	the reservoir object for which to calculate	
		(must be a LevelPowerReservoir)	
2	NUMERIC	the energy value	
3	NUMERIC	the inflow value	
4	DATETIME	the timestep at which to calculate	