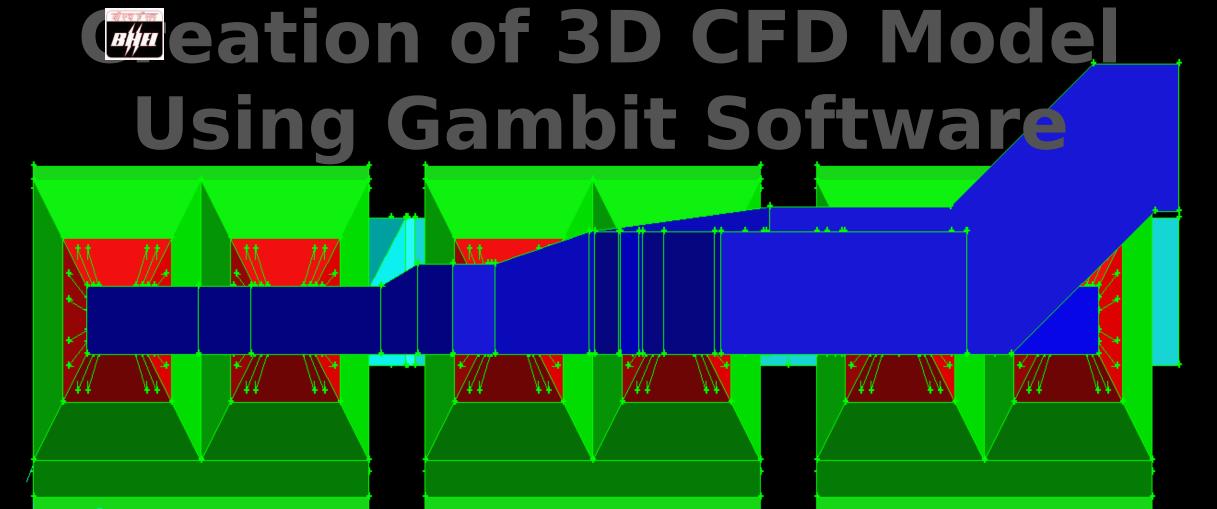
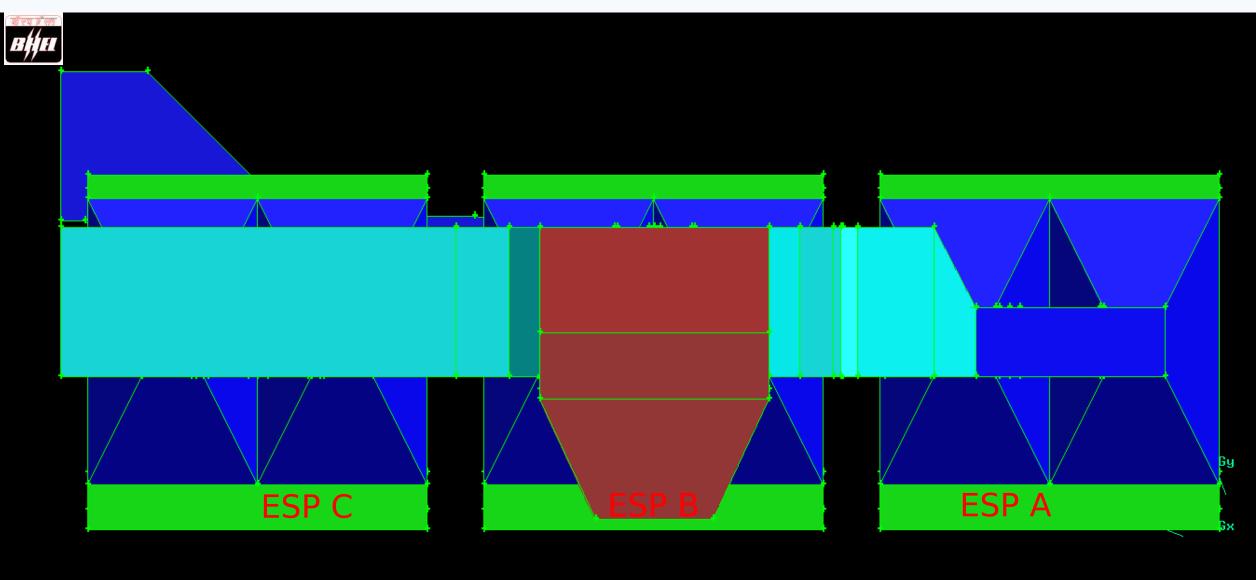


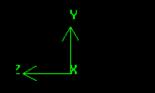
distribution Among ESP with small duct Modification For (800 MW)



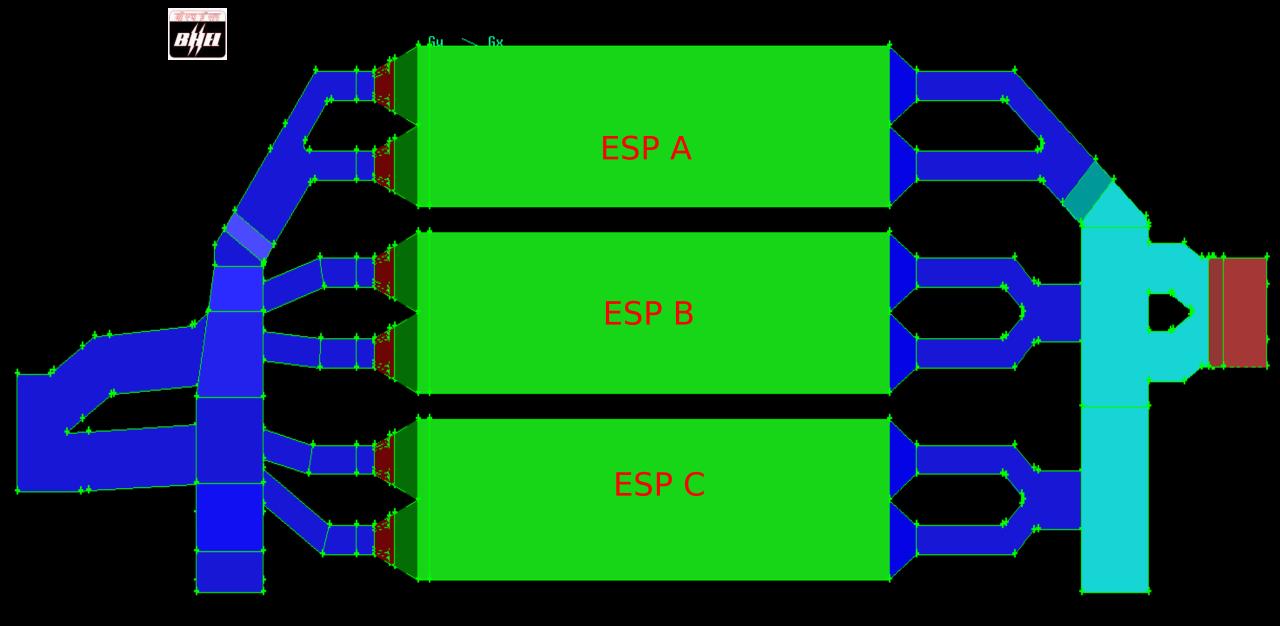
ESPA ESPB Front View







Back View



Jop View



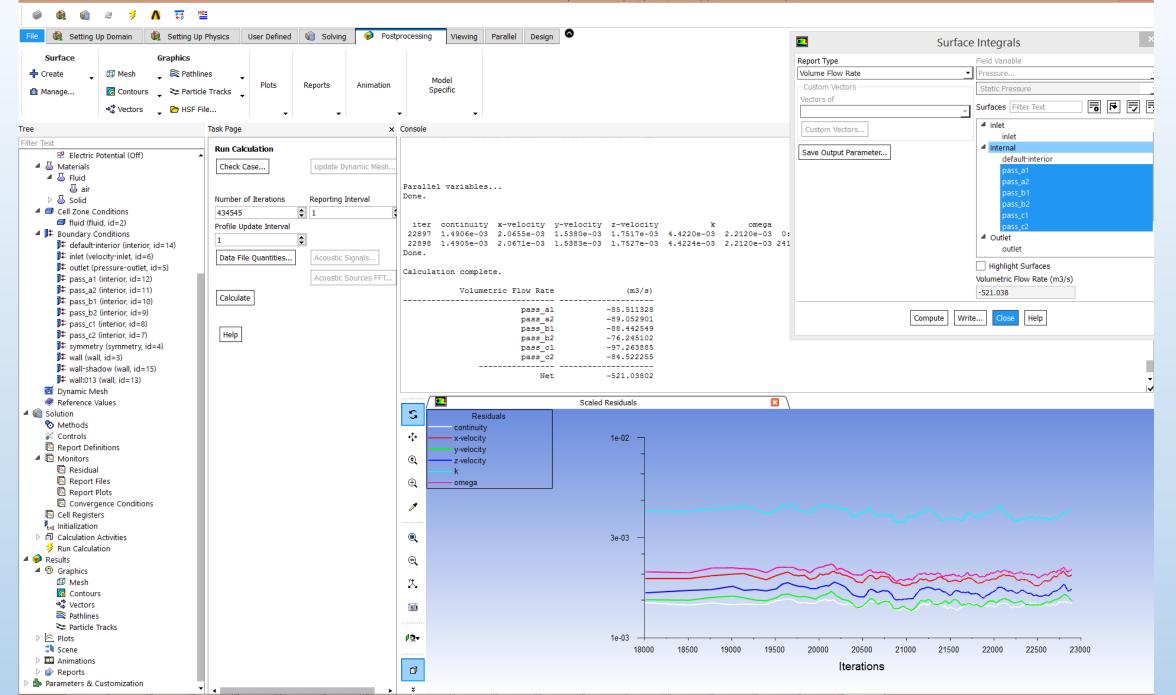
Boundary Conditions

Pressure outlet at ID fan Inlet

Velocity Inlet at APH outlet

Results of ESP

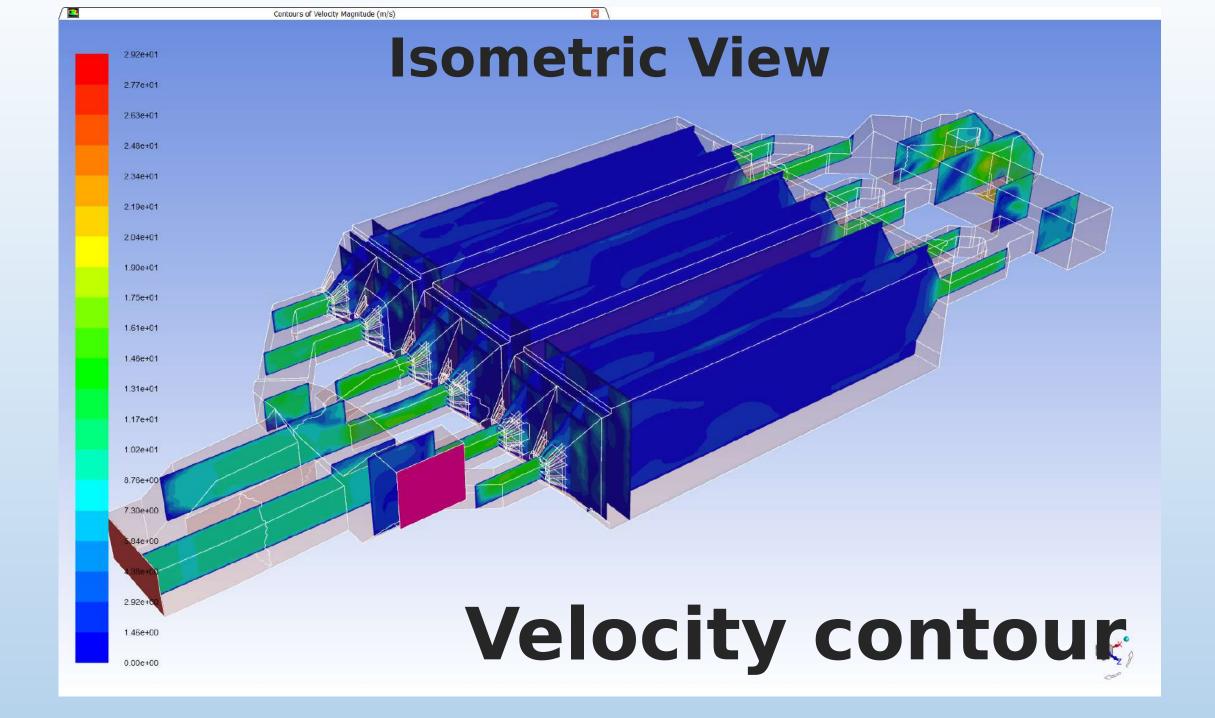
Flow Distribution Among ESP passes (with No guide plate)

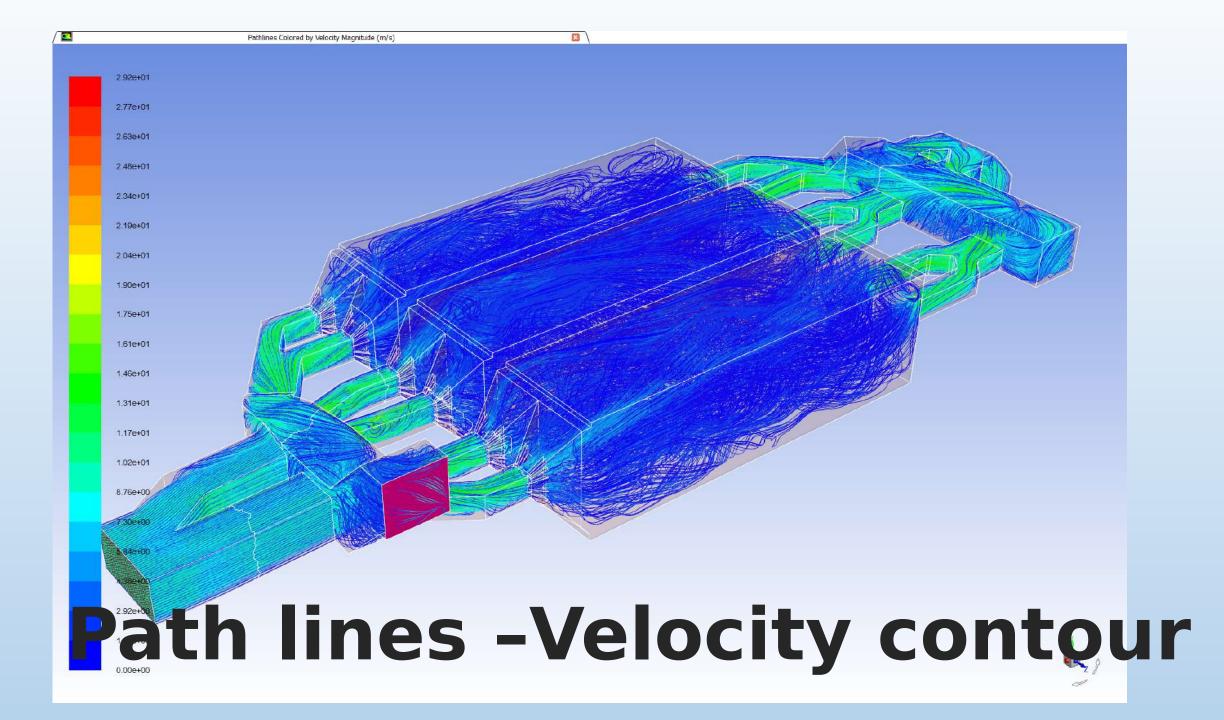




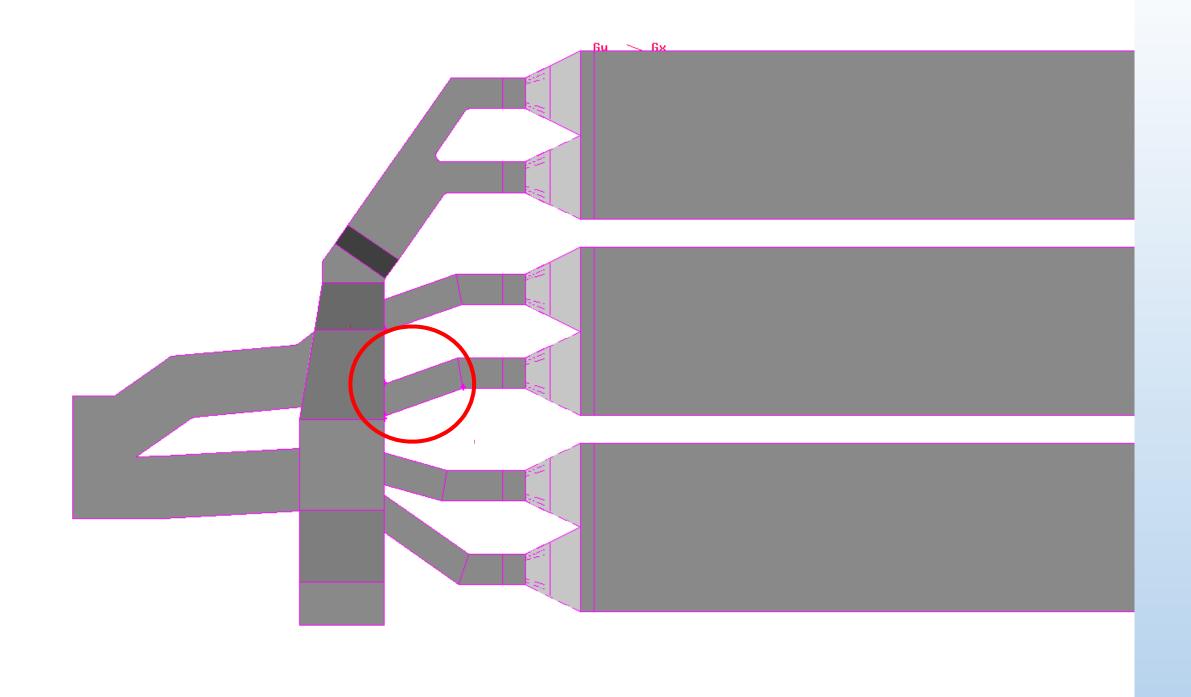
Flow Distribution Pattern

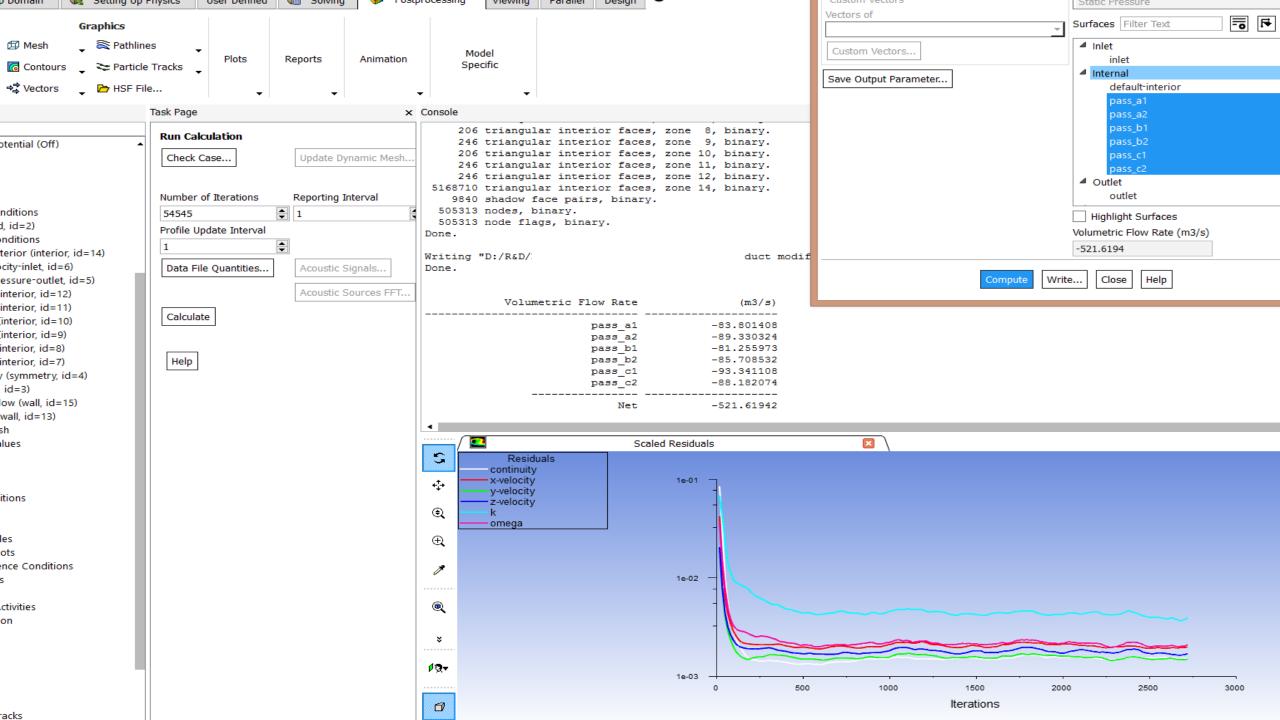
Location	Flow Required	Flow Achieved	% of Deviation
Inlet	86.91	85.51	-01.61
Inlet	86.91	89.05	+02.46
Inlet	86.91	88.44	+01.76
Inlet	86.91	76.25	-12.27
Inlet	86.91	97.26	(+11.91)
Inlet	86.91	84.52	-02.75





all Duct modification is carried of changing the direction of the left secting B2 duct to the common of the secting B2 duct to the common of the section of





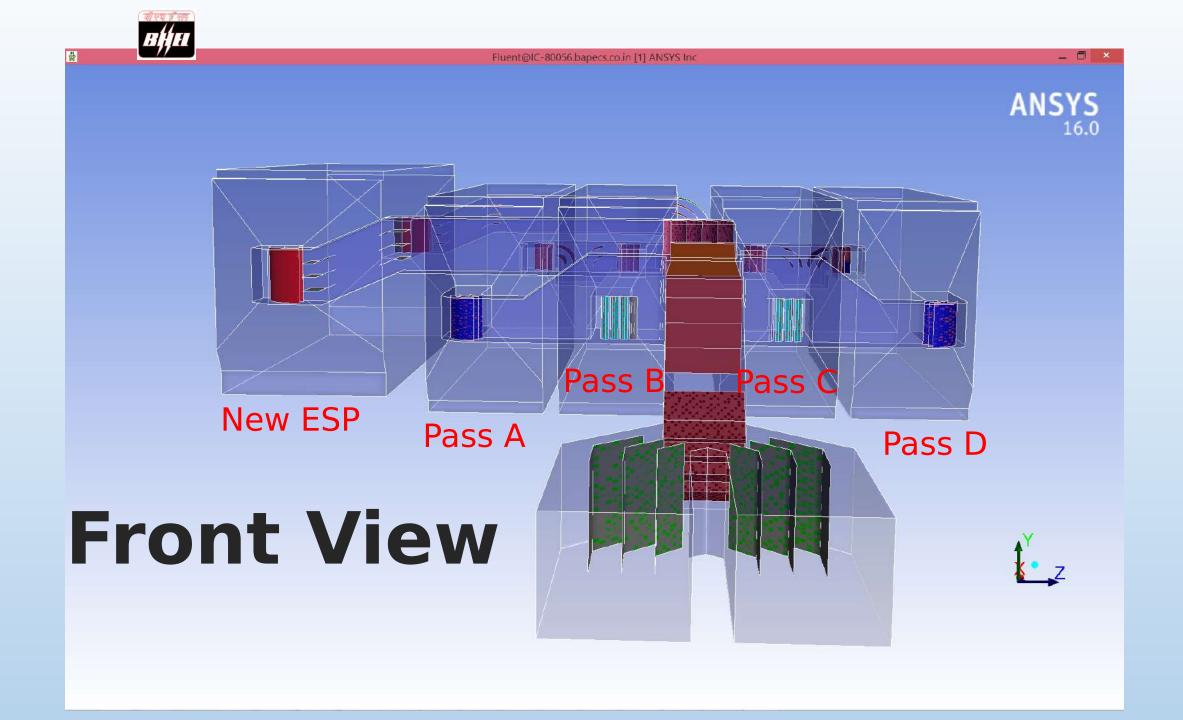


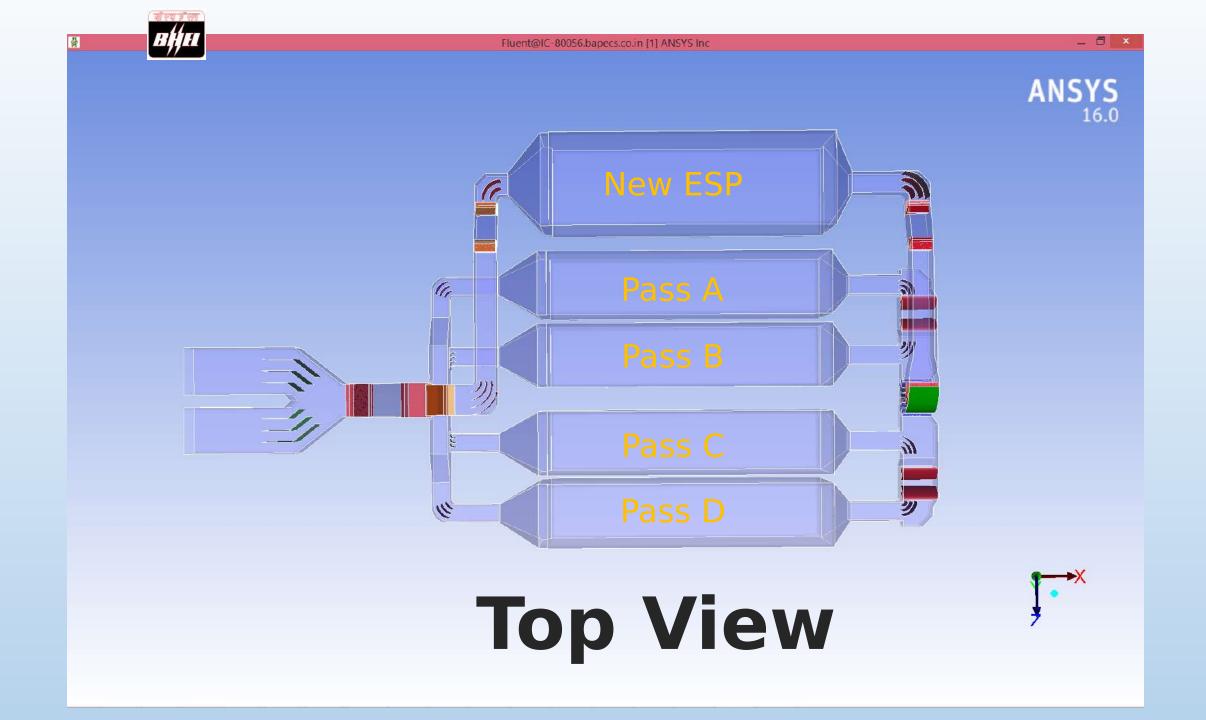
Flow Distribution Pattern

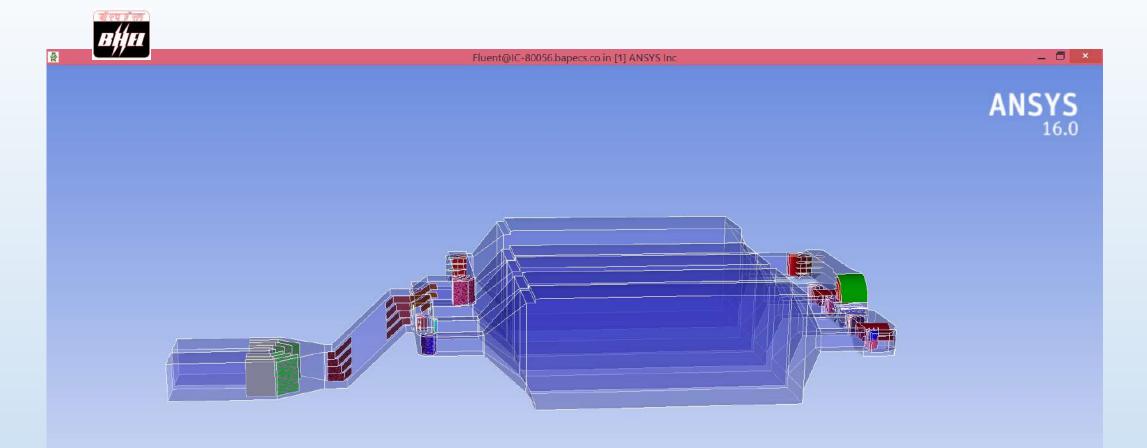
	Location	Flow Required	Flow Achieved	% of Deviation
Pass - A1	Inlet	86.91	83.8	-03.58
	Inlet	86.91	89.33	+02.78
	Inlet	86.91	81.26	-06.50
	Inlet	86.91	85.71	-01.38
	Inlet	86.91	93.34	+07.40
	Inlet	86.91	88.18	+01.46

CFD for Pressure drop reduction

R&M 210 MW



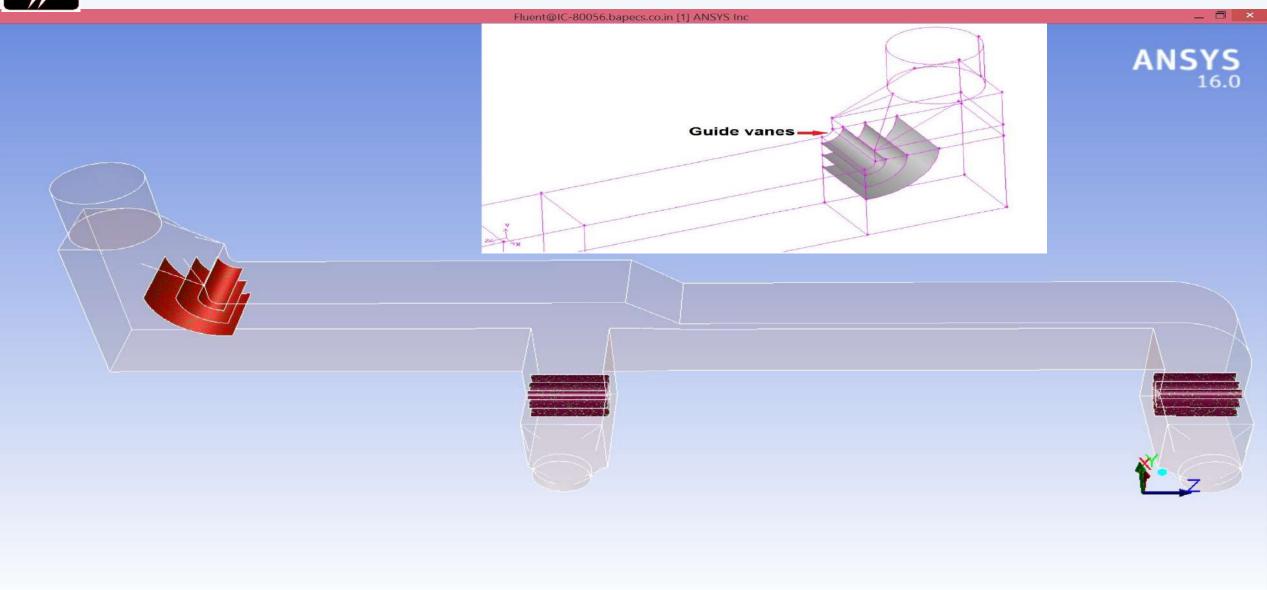




Side View

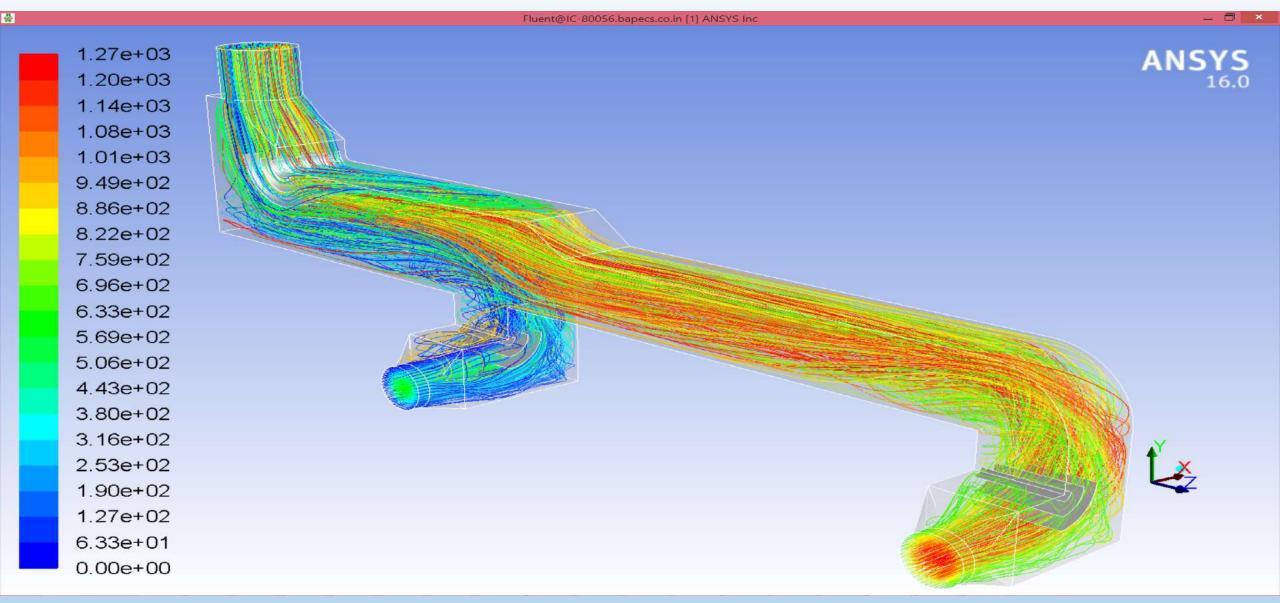








PATHLINES (Particle ID)



Velocity Contours

