

ABSTRACT

Pt. Jorong Barutama Greston is coal mining company to meet the demand of domestic and foreign. Consumers in may is PLTU Cilacap with the demand of coal at 79200 tons. With coal mining results didn't always in according with consumers demand it should be done by blending.

PT. Jorong Barutama Greston have coal stockpile called the finish coal, it has 5 stockpile, that is stockpile 1, stockpile 3, stockpile 4, stockpile 5 and stockpile 6. In there coal have size -50 mm. There is also have 3 ROM stock who has never be used. Optimization of blending conducted by using of coal in rom stock.

With calculations blending using POM-QM for Windows for alternate blending in once delivery for may 5 chosen alternative blending ROM stock 1, 2 and stockpile 6, for may 8 using alternative blending ROM stock 1, 2 and stockpile 6, for may 12 using alternative blending ROM stock 1, 2 and stockpile 6, for may 23 using alternative blending stockpile 4, 6 and ROM stock 1, To twice the delivery in may 15 using alternate blending stockpile 4, 6 and ROM stock 1, for may 20 using alternative blending stockpile 4, 6 and ROM stock 1, While for three times the delivery date is may 27 the use of alternative blending blending stockpile 3, 4, 6 and alternative blending stockpile 4, 6 and ROM stock 1, the delivery of the first and second using alternative blending stockpile 4, 6 and ROM stock 1, for the delivery of third use alternative blending stockpile 3, 4, 6. Blending done with "curah langsung" methods. Equipment used is dozer, hopper and conveyor.